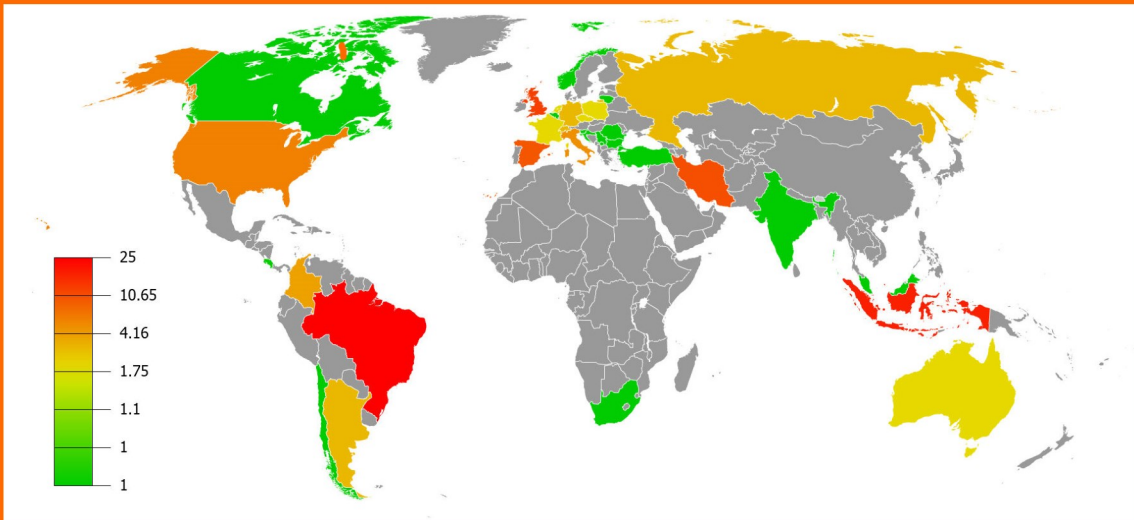


# Gold Open Access 2013-2018: Subject and Publisher Profiles



Supplement to  
Gold Open Access 2013-2018:  
Articles in Journals (GOA4)

Walt Crawford

Heatmap on cover generated using  
GunnMap 2

The current version of GunnMap 2  
does not include Serbia, which  
has one university publisher  
with 13 journals  
(University of Belgrade)

GOLD OPEN ACCESS  
2013-2018:  
SUBJECT AND PUBLISHER PROFILES

Supplement to *Gold Open  
Access 2013-2018: Articles in  
Journals (GOA4)*

Walt Crawford

Cites & Insights Books  
Livermore, California, 2019

Gold Open Access 2013-2018:  
Subject and Publisher Profiles

Supplement to *Gold Open Access 2013-2018: Ar-  
ticles in Journals (GOA4)*

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This book was prepared entirely in Word 2013, using the licensed typefaces Berkeley Book and Berkeley (bold) for text and Calibri for headings and subheadings. Excel 2013 was used for data gathering and to prepare tables and graphs. The template is a customized version of bk6pv.dotx (modified for different typefaces and slightly different heading practices), a template developed by the author, modified and improved with the cooperation Information Today, Inc. and freely available at [waltcrawford.name/bk6pv.dotx](http://waltcrawford.name/bk6pv.dotx). (The template named uses Palatino Linotype for body text and Verdana for headings.) For more about the template and using no-cost methods to produce professional-quality books, read *The Librarian's Guide to Micropublishing*.

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## Preface

This book completes the fourth SPARC-sponsored full study of serious gold open access—open access articles in open access journals listed in the *Directory of Open Access Journals*. This and previous editions are available as free PDF ebooks or paperbacks priced to cover production costs. The dataset is also freely available. Links to all items are at <https://waltcrawford.name/goaj.html>

This book is essentially three books in a single wrapper.

The first portion supplements Chapters 9-11 of *Gold Open Access 2013-2018: Articles in Journals 2013-2018* by providing additional tables and commentary for each of the 28 broad subjects used in the project.

The second portion offers brief profiles for each non-university publisher with at least ten journals in *DOAJ* as of January 1, 2019, with brief commentary added. I believe it may be useful to illustrate aspects of OA publishing and its heterogeneity.

The third portion does the same as the second, but for universities and colleges with at least ten *DOAJ*-listed journals as of January 1, 2019. Given comments I've read in the spirit of "wouldn't it be great if universities published OA journals?" I thought it might be instructive to show a few dozen cases where that's what's happening.

### About Fees, Revenues and Costs per Article

Publishers will see their profiles in this book and say "But that's wrong!"—specifically, that the fees and revenues are too high or too low.

They will be correct. I'm doing the best I can from an external perspective. Here's the definition of fees used in this project:

Fees include normally-mandatory submission, processing and publishing fees (including required society membership), as they would be applied for a U.S. author in the most expensive author category, for a 10-page article in the most expensive article category, in U.S. dollars in early 2019 (exchange rates checked March 27-April 2, 2019). For journals that only charge fees for in-country authors, that fee is used: most such journals appear to be predominantly local.
--

That approach can either overstate or understate actual revenues.

**Overstate:** I'm not taking into account discounts, waivers, people who publish multiple papers per year after paying membership fees, or (in

some cases) papers shorter than ten pages (in a few cases where it's clear that papers are *expected* to be much shorter, I've used the lower figure).

**Understate:** Very long papers; multiple-author papers for those journals (relatively few) that charge per-author fees; added charges for print copies when print is optional; added charges for online reproduction of color figures; optional charges for editing or translation.

I believe the figures provided should be *reasonably* close in most cases—and, in any case, are the best one can do externally.

### Simplifications

To save space, I've simplified the growth/shrinkage table, eliminated no-fee journal percentages on the by-year table, eliminated starting date and segment tables, modified some formatting, and reduced key facts to only compare to the entire GOAJ4 universe.

### Question and Caveat

**Is this worthwhile?** It's an experiment, and even if this series continues, the experiment won't unless I get feedback indicating that the profiles are useful. I'm [waltcrawford@gmail.com](mailto:waltcrawford@gmail.com).

**Slippage:** It's possible that some metadata has changed from the time data was checked or is inconsistent. That happens.



# Subject Profiles

These profiles appear in alphabetic order and supplement subject pages in *Gold Open Access 2013-2018: Articles in Journals (GOA4)*.

Country lists are generally partial, showing as many countries as fit on one page or the remainder of a page, sorted by those with the most 2018 articles.

The usual caveats apply, including the fact that article volume is based on the *highest* number from 2013-2018: it's quite possible for a "largest" journal to have, say, 50 articles in 2018.

## Agriculture

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	469	26,046			\$767	-16%
Fee	206	16,871	65%	11%	\$1,184	-25%
No-fee	263	9,175	35%	-16%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	446	458	442	427	398	349
Articles	26,046	24,193	22,187	19,490	17,065	15,318
%No-fee	35%	39%	41%	43%	44%	45%
Change	7.7%	9.0%	13.8%	14.2%	11.4%	

Growing every year, and trending toward more fees.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	3	4,768	0%	\$2,366
Large: 150-599	28	5,285	24%	\$818
Med.: 60-149	138	9,379	41%	\$358
Small: 20-59	223	5,865	60%	\$168
Smallest: 0-19	77	749	73%	\$49

The classic fee/volume correlation: more articles, higher per-article fees.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	29	7,099	\$16,336,590	\$2,301
\$600-\$1,399	33	2,150	\$2,024,369	\$942
\$200-\$599	46	3,317	\$1,248,142	\$376
\$0.01-\$199	98	4,305	\$374,444	\$87
No fee	263	9,175		

Most fee articles are in expensive journals.



Category	Journals	Articles	%No-fee	\$/article
Univ/college	276	10,752	58%	\$119
Open Access	83	8,741	9%	\$1,713
Society/govt	60	3,137	28%	\$328
Traditional	31	2,573	37%	\$972
Miscellaneous	19	843	41%	\$242

Universities publish the most journals and articles.

Change 2017-18	Count	Percent
Grew 25%+	104	22.2%
Even, $\pm 24.99\%$	266	56.7%
Shrank 25%+	99	21.1%

#### Country of Publication (more than 250 articles)

Country	Journals	Articles	%No-fee	\$/article
Switzerland	13	6,008	1%	\$2,011
Brazil	56	4,115	42%	\$128
United Kingdom	37	2,453	6%	\$1,770
Indonesia	75	1,316	40%	\$41
Poland	32	896	51%	\$248
Turkey	18	890	61%	\$14
Romania	17	842	72%	\$32
United States	12	725	12%	\$1,441
Iran	21	702	57%	\$24
Russia	9	668	75%	\$29
Italy	11	630	73%	\$124
Czech Republic	10	609	27%	\$242
China	5	500	48%	\$705
Mexico	6	358	18%	\$196
Colombia	11	348	95%	\$3
Ukraine	8	301	64%	\$45
Spain	9	297	88%	\$9
Bulgaria	4	293	28%	\$631
South Korea	4	285	14%	\$556
Netherlands	7	266	58%	\$610

## Anthropology

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	489	13,835			\$81	-91%
Fee	58	3,042	22%	-62%	\$368	-77%
No-fee	431	10,793	78%	86%		

Predominantly no-fee with low fees for the remainder.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	457	469	463	446	413	371
Articles	13,835	13,915	12,841	12,522	10,599	9,626
%No-fee	78%	80%	80%	81%	85%	84%
Change	-0.6%	8.4%	2.5%	18.1%	10.1%	

Mostly gains, with tiny downturn in 2018.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	1	815	0%	\$52
Large: 150-599	5	739	34%	\$122
Med.: 60-149	63	3,856	79%	\$126
Small: 20-59	294	7,142	89%	\$64
Smallest: 0-19	126	1,283	89%	\$34

Not the usual correlation; mostly small journals.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	6	302	\$630,157	\$2,087
\$600-\$1,399	6	106	\$110,154	\$1,039
\$200-\$599	17	922	\$263,085	\$285
\$0.01-\$199	29	1,712	\$114,713	\$67
No fee	431	10,793		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	357	10,435	79%	\$45
Open Access	51	1,469	55%	\$361
Society/govt	46	1,048	94%	\$4
Miscellaneous	26	565	84%	\$33
Traditional	9	318	82%	\$309

Predominantly university; note closeness of OA and traditional costs.

Change 2017-18	Count	Percent
Grew 25%+	111	22.7%
Even, $\pm 24.99\%$	271	55.4%
Shrank 25%+	107	21.9%

#### Country of Publication (more than 160 articles)

Country	Journals	Articles	%No-fee	\$/article
Brazil	51	1,998	97%	\$6
Spain	62	1,620	80%	\$48
Poland	21	1,360	25%	\$76
Romania	19	700	32%	\$73
France	26	674	100%	\$0
Indonesia	34	634	74%	\$21
United States	22	592	92%	\$2
Italy	25	501	100%	\$0
Turkey	16	479	82%	\$316
Argentina	22	427	96%	\$1
Switzerland	4	384	54%	\$162
Mexico	12	370	100%	\$0
Colombia	14	308	100%	\$0
United Kingdom	20	308	24%	\$1,423
Russia	4	277	100%	\$0
Ukraine	7	255	91%	\$3
Germany	9	246	87%	\$290
Serbia	10	200	91%	\$11
Portugal	6	178	70%	\$50

France, Italy, Argentina and UK stand out—for very different reasons.

## Arts & Architecture

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	315	8,682			\$147	-84%
Fee	36	2,302	27%	-54%	\$555	-65%
No-fee	279	6,380	73%	76%		

Nearly three-quarters no-fee, and typical H&SS fees for the rest.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	288	301	295	264	246	218
Articles	8,682	8,342	7,795	6,628	6,158	5,423
%No-fee	73%	81%	82%	83%	84%	82%
Change	4.1%	7.0%	17.6%	7.6%	13.6%	

Growth every year, if slowing somewhat.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	9	1,840	37%	\$387
Med.: 60-149	31	1,855	68%	\$149
Small: 20-59	182	4,106	88%	\$66
Smallest: 0-19	93	881	93%	\$18

No very large journals, and most articles in small journals.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	4	457	\$710,028	\$1,554
\$600-\$1,399	6	419	\$377,518	\$901
\$200-\$599	8	384	\$91,490	\$238
\$0.01-\$199	18	1,042	\$98,207	\$94
No fee	279	6,380		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	239	5,968	79%	\$46
Society/govt	23	850	100%	\$0
Traditional	9	817	29%	\$983
Open Access	23	642	43%	\$297
Miscellaneous	21	405	81%	\$28

Typically university-majority; note society journals all no-fee.

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	77	24.4%
Even, $\pm 24.99\%$	150	47.6%
Shrank 25%+	88	27.9%

#### **Country of Publication (50 or more articles)**

<b>Country</b>	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Spain	50	1,300	73%	\$412
Brazil	30	1,087	100%	\$0
Italy	30	723	75%	\$48
Russia	9	603	63%	\$54
Turkey	7	454	30%	\$62
United Kingdom	19	387	65%	\$448
United States	17	335	76%	\$47
United Arab Emirates	1	319	0%	\$100
Netherlands	9	317	57%	\$414
Indonesia	19	315	79%	\$19
Argentina	13	288	100%	\$0
Switzerland	2	286	36%	\$418
Portugal	9	261	33%	\$140
Colombia	7	240	100%	\$0
Poland	9	169	79%	\$12
Serbia	9	161	100%	\$0
France	6	145	100%	\$0
Chile	7	138	100%	\$0
Romania	5	113	100%	\$0
Mexico	4	89	100%	\$0
Moldova	3	82	100%	\$0
Norway	5	80	71%	\$399
Ecuador	3	75	100%	\$0
Australia	3	67	25%	\$1,119
Croatia	7	67	100%	\$0
Ukraine	2	58	100%	\$0
Canada	2	53	100%	\$0

Biology

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	397	42,965			\$1,851	103%
Fee	259	37,951	88%	52%	\$2,095	34%
No-fee	138	5,014	12%	-72%		

Predominantly fees, and high ones at that.

Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	381	385	366	351	330	285
Articles	42,965	37,664	33,622	33,035	29,663	22,803
%No-fee	12%	13%	13%	14%	13%	15%
Change	14.1%	12.0%	1.8%	11.4%	30.1%	

Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	17	19,058	0%	\$2,411
Large: 150-599	66	13,714	11%	\$1,786
Med.: 60-149	69	5,045	28%	\$1,091
Small: 20-59	172	4,554	42%	\$720
Smallest: 0-19	73	594	44%	\$506

Typical fee/size correlation at very high levels.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	145	29,487	\$74,208,388	\$2,517
\$600-\$1.399	40	4,320	\$4,503,505	\$1,042
\$200-\$599	35	1,616	\$657,237	\$407
\$0.01-\$199	39	2,528	\$145,431	\$58
No fee	138	5,014		

An average of more than \$2,500 for the most popular journals.

Category	Journals	Articles	%No-fee	\$/article
Open Access	174	23,881	4%	\$1,978
Traditional	62	7,357	10%	\$2,774
Univ/college	116	6,813	38%	\$453
Society/govt	37	3,473	17%	\$1,616
Miscellaneous	8	1,441	3%	\$2,190

Change 2017-18	Count	Percent
Grew 25%+	120	30.2%
Even, $\pm 24.99\%$	201	50.6%
Shrank 25%+	76	19.1%

**Country of Publication (more than 100 articles in 2018)**

Country	Journals	Articles	%No-fee	\$/article
United Kingdom	119	13,724	1%	\$2,087
Switzerland	28	10,273	2%	\$2,332
United States	37	7,225	1%	\$2,052
Netherlands	12	2,481	0%	\$4,002
Ukraine	11	1,572	15%	\$22
Brazil	16	1,364	43%	\$463
Indonesia	31	650	27%	\$47
Iran	15	398	71%	\$33
Saudi Arabia	1	397	100%	\$0
Poland	19	380	44%	\$460
India	7	363	51%	\$238
Germany	9	359	79%	\$805
Bulgaria	10	355	23%	\$205
Russia	7	351	92%	\$7
France	3	260	100%	\$0
Australia	4	243	1%	\$1,243
Serbia	3	233	74%	\$6
Pakistan	3	197	20%	\$241
China	2	190	75%	\$544
Romania	5	158	100%	\$0
Slovakia	2	155	100%	\$0
Colombia	5	150	100%	\$0
Turkey	5	126	100%	\$0
Chile	2	121	2%	\$293
Egypt	3	118	92%	\$11
Kenya	1	117	0%	\$190
Finland	2	115	0%	\$867
South Korea	1	115	0%	\$550

## Chemistry

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	156	27,484			\$1,101	21%
Fee	73	22,998	84%	44%	\$1,316	-16%
No-fee	83	4,486	16%	-61%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	149	151	142	134	117	104
Articles	27,484	22,672	13,101	11,526	9,848	9,912
%No-fee	16%	20%	32%	32%	27%	23%
Change	21.2%	73.1%	13.7%	17.0%	-0.6%	

Good to heavy growth in the past five years.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	12	19,195	7%	\$1,324
Large: 150-599	14	3,393	22%	\$802
Med.: 60-149	44	2,978	34%	\$656
Small: 20-59	66	1,732	68%	\$87
Smallest: 0-19	20	186	79%	\$155

The usual correlation except for higher fees in the smallest journals.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	20	12,593	\$22,472,924	\$1,785
\$600-\$1,399	14	7,283	\$6,759,103	\$928
\$200-\$599	23	2,421	\$970,376	\$401
\$0.01-\$199	16	701	\$69,008	\$98
No fee	83	4,486		

Most fee articles are in the most expensive journals.

Category	Journals	Articles	%No-fee	\$/article
Open Access	52	14,397	3%	\$1,567
Society/govt	28	10,232	21%	\$648
Univ/college	55	1,741	73%	\$44
Traditional	16	942	46%	\$1,052
Miscellaneous	5	172	72%	\$50



Change 2017-18	Count	Percent
Grew 25%+	48	30.8%
Even, $\pm 24.99\%$	74	47.4%
Shrank 25%+	34	21.8%

### Country of Publication (20+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Switzerland	22	12,404	2%	\$1,655
United Kingdom	24	7,876	16%	\$873
United States	5	2,393	11%	\$741
Germany	6	1,019	38%	\$545
Indonesia	22	588	53%	\$60
Brazil	4	580	11%	\$349
Iran	14	389	88%	\$30
Poland	11	330	23%	\$560
Serbia	5	233	66%	\$42
Croatia	4	191	100%	\$0
France	2	151	100%	\$0
Turkey	4	151	87%	\$40
Saudi Arabia	1	149	100%	\$0
Netherlands	3	137	94%	\$79
Slovenia	1	117	100%	\$0
Ukraine	3	77	84%	\$1
Moldova	2	75	35%	\$9
Hungary	2	68	100%	\$0
Russia	2	64	100%	\$0
Ethiopia	1	54	100%	\$0
Czech Republic	1	50	0%	\$449
India	2	50	30%	\$42
Colombia	2	48	100%	\$0
Morocco	1	48	0%	\$180
Italy	1	46	0%	\$954
Canada	2	44	100%	\$0
Romania	1	40	100%	\$0
Pakistan	1	21	100%	\$0
South Korea	1	20	100%	\$0

## Computer Science

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	296	13,555			\$510	-44%
Fee	109	8,302	61%	5%	\$833	-47%
No-fee	187	5,253	39%	-7%		

Relatively inexpensive by STEM standards.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	280	282	262	245	214	192
Articles	13,555	11,642	11,204	9,982	8,170	7,529
%No-fee	39%	46%	44%	45%	52%	48%
Change	16.4%	3.9%	12.2%	22.2%	8.5%	

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	3	3,204	0%	\$456
Large: 150-599	13	2,866	32%	\$1,093
Med.: 60-149	53	3,124	47%	\$397
Small: 20-59	157	3,681	66%	\$268
Smallest: 0-19	70	680	64%	\$142

Unusual: largest journals cost less per article than large ones.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	14	1,831	\$3,827,165	\$2,090
\$600-\$1,399	34	1,627	\$1,775,842	\$1,091
\$200-\$599	25	2,620	\$1,206,463	\$460
\$0.01-\$199	36	2,224	\$107,036	\$48
No fee	187	5,253		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	158	5,528	53%	\$50
Traditional	17	3,454	11%	\$1,021
Open Access	74	3,309	26%	\$924
Society/govt	35	866	85%	\$30
Miscellaneous	12	398	85%	\$77

Change 2017-18	Count	Percent
Grew 25%+	87	29.4%
Even, $\pm 24.99\%$	136	45.9%
Shrank 25%+	73	24.7%

#### Country of Publication (with 50+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
United States	12	2,454	19%	\$580
United Kingdom	47	2,052	3%	\$1,391
Germany	14	1,943	9%	\$109
Indonesia	62	1,310	61%	\$14
Switzerland	9	818	0%	\$856
Netherlands	6	707	16%	\$1,945
Russia	10	586	100%	\$0
Ukraine	11	480	73%	\$7
Poland	13	458	95%	\$6
Romania	13	360	61%	\$186
Saudi Arabia	1	210	100%	\$0
Australia	3	199	100%	\$0
France	6	154	79%	\$21
Spain	7	154	100%	\$0
Canada	4	128	23%	\$1,455
India	3	115	100%	\$0
China	3	108	100%	\$0
Belarus	3	100	100%	\$0
Brazil	5	99	100%	\$0
Iran	6	95	100%	\$0
Portugal	4	80	100%	\$0
Cuba	1	70	100%	\$0
Egypt	2	67	57%	\$303
Croatia	2	61	100%	\$0
Serbia	2	61	100%	\$0
Latvia	2	53	100%	\$0

## Earth Sciences

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	409	20,519			\$611	-33%
Fee	115	10,322	50%	-13%	\$1,215	-23%
No-fee	294	10,197	50%	19%		

Fifty/fifty fee/no-fee split is unusual for STEM.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	390	400	391	369	349	314
Articles	20,519	17,502	16,933	14,581	13,069	11,402
%No-fee	50%	56%	59%	59%	64%	67%
Change	17.2%	3.4%	16.1%	11.6%	14.6%	

Growing, fairly robustly in most years.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	3	3,775	29%	\$1,224
Large: 150-599	26	5,341	17%	\$914
Med.: 60-149	77	5,045	63%	\$386
Small: 20-59	215	5,470	79%	\$178
Smallest: 0-19	88	888	80%	\$139

Typical correlation between cost and volume.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	23	5,057	\$9,091,560	\$1,798
\$600-\$1,399	42	3,340	\$2,987,256	\$894
\$200-\$599	24	881	\$374,404	\$425
\$0.01-\$199	26	1,044	\$92,976	\$89
No fee	294	10,197		

Category	Journals	Articles	%No-fee	\$/article
Open Access	92	9,932	24%	\$1,020
Univ/college	212	5,929	87%	\$65
Traditional	40	2,395	60%	\$616
Society/govt	55	1,994	49%	\$251
Miscellaneous	10	269	83%	\$214

Change 2017-18	Count	Percent
Grew 25%+	111	27.1%
Even, $\pm 24.99\%$	207	50.6%
Shrank 25%+	91	22.2%

#### Country of Publication (with 150+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Switzerland	15	5,156	1%	\$1,431
Germany	32	3,109	53%	\$360
Brazil	48	2,010	85%	\$47
United Kingdom	34	1,844	4%	\$1,538
China	9	1,062	76%	\$57
Russia	15	746	96%	\$4
Spain	24	547	82%	\$175
Poland	25	530	78%	\$199
Iran	16	479	92%	\$3
Indonesia	22	439	55%	\$60
Netherlands	8	438	83%	\$308
France	8	371	84%	\$272
Egypt	3	288	100%	\$0
Italy	8	278	83%	\$145
Croatia	8	231	80%	\$5
Mexico	6	188	70%	\$37
Turkey	6	175	100%	\$0
Serbia	9	166	100%	\$0
United States	8	159	18%	\$1,393
Colombia	7	153	100%	\$0

# Ecology

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	314	29,745			\$937	3%
Fee	124	20,660	69%	19%	\$1,349	-14%
No-fee	190	9,085	31%	-27%		

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	301	306	289	268	242	215
Articles	29,745	21,003	17,474	13,876	11,933	10,254
%No-fee	31%	30%	32%	30%	33%	37%
Change	41.6%	20.2%	25.9%	16.3%	16.4%	

Robust growth every year.

## Journal-Based Measures

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	6	15,370	24%	\$1,266
Large: 150-599	21	4,936	12%	\$846
Med.: 60-149	57	3,982	26%	\$688
Small: 20-59	165	4,872	67%	\$291
Smallest: 0-19	65	585	84%	\$122

Typical cost/volume correlation, at moderate fee levels.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	33	13,334	\$23,830,488	\$1,787
\$600-\$1,399	33	3,545	\$3,123,935	\$881
\$200-\$599	27	2,251	\$814,434	\$362
\$0.01-\$199	31	1,530	\$94,066	\$61
No fee	190	9,085		

Category	Journals	Articles	%No-fee	\$/article
Open Access	74	14,612	7%	\$1,399
Traditional	36	7,145	57%	\$805
Univ/college	149	5,011	58%	\$140
Society/govt	36	2,081	36%	\$339
Miscellaneous	19	896	34%	\$290

Change 2017-18	Count	Percent
Grew 25%+	95	30.3%
Even, $\pm 24.99\%$	153	48.7%
Shrank 25%+	66	21.0%

**Country of Publication (with 70+ articles in 2018)**

Country	Journals	Articles	%No-fee	\$/article
Switzerland	11	10,628	1%	\$1,678
France	8	3,907	100%	\$7
Germany	16	2,792	14%	\$754
United Kingdom	37	2,699	7%	\$1,731
United States	24	1,568	26%	\$1,063
Brazil	34	1,399	71%	\$26
Ukraine	5	816	8%	\$401
Poland	23	797	46%	\$98
Indonesia	20	756	19%	\$125
Netherlands	7	452	44%	\$951
Iran	16	449	76%	\$15
Canada	5	310	6%	\$708
Russia	7	307	78%	\$68
Spain	8	293	69%	\$149
Mexico	4	208	24%	\$54
Costa Rica	3	187	100%	\$0
Japan	1	177	0%	\$85
Italy	4	170	39%	\$253
China	5	165	79%	\$161
Colombia	6	158	100%	\$0
Lithuania	3	152	3%	\$632
Bulgaria	5	142	22%	\$377
South Africa	3	122	87%	\$100
Croatia	2	104	52%	\$135
Cuba	2	77	100%	\$0
Morocco	3	77	100%	\$0
Thailand	2	70	24%	\$227

## Economics

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	791	20,288			\$100	-89%
Fee	177	6,922	34%	-41%	\$294	-81%
No-fee	614	13,366	66%	57%		

Two-thirds no-fee, and fees are modest even by H&SS standards.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	746	765	733	683	605	533
Articles	20,288	21,417	20,692	18,784	17,194	15,628
%No-fee	66%	68%	66%	69%	70%	72%
Change	-5.3%	3.5%	10.2%	9.2%	10.0%	

Decline after five years of growth.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	22	3,002	32%	\$196
Med.: 60-149	95	4,968	49%	\$193
Small: 20-59	414	9,537	80%	\$43
Smallest: 0-19	260	2,781	84%	\$29

No largest and not a typical cost/volume correlation.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	5	93	\$145,671	\$1,566
\$600-\$1,399	14	845	\$894,302	\$1,058
\$200-\$599	34	1,999	\$693,511	\$347
\$0.01-\$199	124	3,985	\$301,283	\$76
No fee	614	13,366		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	562	13,414	74%	\$30
Open Access	102	3,207	39%	\$255
Miscellaneous	39	1,434	34%	\$265
Society/govt	50	1,296	87%	\$20
Traditional	38	937	57%	\$436



<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	141	17.8%
Even, $\pm 24.99\%$	444	56.1%
Shrank 25%+	206	26.0%

More substantial shrinkage than substantial growth, mostly stable.

#### **Country of Publication (140+ articles in 2018)**

<b>Country</b>	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Indonesia	166	3,268	68%	\$24
Brazil	92	2,399	100%	\$0
Romania	61	1,586	62%	\$25
Turkey	37	1,476	30%	\$178
Ukraine	25	1,430	40%	\$68
Poland	48	1,273	64%	\$63
United Kingdom	35	820	44%	\$708
Russia	18	737	87%	\$20
Switzerland	7	619	16%	\$328
Serbia	22	524	64%	\$35
Colombia	26	497	100%	\$0
Iran	17	423	79%	\$10
Spain	27	392	92%	\$28
Canada	10	349	100%	\$0
South Korea	8	326	86%	\$77
Latvia	2	281	7%	\$1,043
Lithuania	6	272	35%	\$247
Mexico	13	264	100%	\$0
United States	14	261	44%	\$103
Croatia	13	195	100%	\$0
United Arab Emirates	3	192	0%	\$206
Czech Republic	9	186	63%	\$95
Netherlands	8	164	84%	\$55
Argentina	11	163	100%	\$0
Italy	12	160	89%	\$13
Pakistan	8	155	100%	\$0
South Africa	4	140	0%	\$690

## Education

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	843	26,140			\$62	-93%
Fee	148	5,024	19%	-67%	\$321	-80%
No-fee	695	21,116	81%	93%		

Costs are on the low side even for H&SS.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	802	823	790	727	656	578
Articles	26,140	25,553	23,915	20,368	17,908	15,639
%No-fee	81%	82%	83%	83%	83%	86%
Change	2.3%	6.8%	17.4%	13.7%	14.5%	

Growing every year, even as rate of growth is slowing.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	19	3,030	73%	\$137
Med.: 60-149	121	7,768	76%	\$87
Small: 20-59	498	13,139	84%	\$34
Smallest: 0-19	205	2,203	86%	\$35

Mostly the typical cost/volume correlation, but at very low cost levels.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	3	144	\$287,400	\$1,996
\$600-\$1,399	14	575	\$620,514	\$1,079
\$200-\$599	22	1,357	\$518,406	\$382
\$0.01-\$199	109	2,948	\$183,954	\$62
No fee	695	21,116		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	649	20,008	84%	\$18
Society/govt	72	2,172	93%	\$24
Open Access	61	1,629	53%	\$290
Miscellaneous	41	1,496	82%	\$38
Traditional	20	835	29%	\$812

Change 2017-18	Count	Percent
Grew 25%+	202	24.0%
Even, $\pm 24.99\%$	471	55.9%
Shrank 25%+	170	20.2%

### Country of Publication (160+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	125	5,912	96%	\$6
Indonesia	191	4,041	61%	\$15
Spain	68	1,829	98%	\$7
United States	53	1,405	86%	\$71
Turkey	36	1,296	92%	\$22
Cuba	15	1,076	91%	\$7
United Kingdom	34	839	56%	\$620
Mexico	10	671	96%	\$0
Colombia	23	652	100%	\$0
Germany	16	626	35%	\$247
Canada	23	521	100%	\$0
Iran	16	496	77%	\$15
Ukraine	13	482	42%	\$19
Russia	8	472	78%	\$27
Switzerland	3	381	14%	\$591
Hong Kong	2	345	100%	\$0
Norway	14	303	90%	\$89
Italy	11	296	100%	\$0
South Africa	8	251	23%	\$405
Lithuania	5	222	29%	\$244
Argentina	12	214	100%	\$0
Costa Rica	5	207	100%	\$0
South Korea	5	196	79%	\$84
Serbia	7	193	100%	\$0
Australia	9	175	66%	\$50
France	6	172	100%	\$0
Romania	9	160	84%	\$9

## Engineering

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	432	32,225			\$889	-3%
Fee	151	22,433	70%	20%	\$1,276	-19%
No-fee	281	9,792	30%	-27%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	408	419	402	385	353	310
Articles	32,225	23,831	19,886	18,664	16,831	13,797
%No-fee	30%	41%	46%	49%	52%	49%
Change	35.2%	19.8%	6.5%	10.9%	22.0%	

Growth every year, strong in 2018, tending toward more fees.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	8	12,824	2%	\$1,734
Large: 150-599	33	6,452	28%	\$433
Med.: 60-149	102	6,910	49%	\$323
Small: 20-59	204	5,231	71%	\$255
Smallest: 0-19	85	808	84%	\$50

Typical correlation.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	26	13,766	\$24,518,062	\$1,781
\$600-\$1,399	36	2,792	\$2,462,846	\$882
\$200-\$599	37	3,481	\$1,428,306	\$410
\$0.01-\$199	52	2,394	\$224,370	\$94
No fee	281	9,792		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	260	10,894	66%	\$104
Open Access	88	8,869	12%	\$1,269
Society/govt	29	7,783	8%	\$1,561
Traditional	38	3,900	16%	\$999
Miscellaneous	17	779	41%	\$258

Change 2017-18	Count	Percent
Grew 25%+	117	27.1%
Even, $\pm 24.99\%$	217	50.2%
Shrank 25%+	98	22.7%

### Country of Publication (140+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
United States	9	7,021	1%	\$1,730
Switzerland	9	4,686	1%	\$1,630
United Kingdom	42	3,674	7%	\$1,607
Brazil	20	1,297	94%	\$9
China	9	1,205	14%	\$535
Indonesia	63	1,177	62%	\$23
Poland	33	991	57%	\$214
Russia	12	912	77%	\$17
Egypt	4	823	12%	\$573
Serbia	11	739	40%	\$101
Turkey	13	738	100%	\$0
Romania	14	701	83%	\$6
Malaysia	9	683	46%	\$148
Netherlands	7	657	39%	\$287
Colombia	29	649	100%	\$0
Iran	18	608	85%	\$13
Croatia	6	607	9%	\$473
Ukraine	13	553	54%	\$18
Lithuania	5	468	2%	\$563
Czech Republic	7	409	64%	\$160
South Korea	4	394	38%	\$247
Germany	9	386	64%	\$169
Greece	2	368	0%	\$186
Iraq	4	260	25%	\$53
Belarus	3	187	100%	\$0
South Africa	4	151	9%	\$466
France	6	149	0%	\$925
Hungary	3	141	100%	\$0

## History

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	324	8,592			\$8	-99%
Fee	13	411	5%	-92%	\$166	-89%
No-fee	311	8,181	95%	128%		

No-fee percentage is high and fees low even for H&SS.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	290	311	301	291	275	255
Articles	8,592	8,873	8,752	8,436	7,818	6,904
%No-fee	95%	95%	95%	95%	96%	96%
Change	-3.2%	1.4%	3.7%	7.9%	13.2%	

Basically about level for the last four years.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	1	636	100%	\$0
Large: 150-599	6	617	73%	\$84
Med.: 60-149	28	1,635	95%	\$1
Small: 20-59	210	5,081	97%	\$2
Smallest: 0-19	79	623	97%	\$6

No typical correlation at all.

Fees	Journals	Articles	Revenue	\$/article
\$200-\$599	2	177	\$55,235	\$312
\$0.01-\$199	11	234	\$13,179	\$56
No fee	311	8,181		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	272	7,427	95%	\$9
Society/govt	28	731	100%	\$0
Miscellaneous	12	246	100%	\$0
Open Access	11	177	71%	\$28
Traditional	1	11	100%	\$0

Change 2017-18	Count	Percent
Grew 25%+	72	22.2%
Even, $\pm 24.99\%$	173	53.4%
Shrank 25%+	79	24.4%

### Country of Publication

Country	Journals	Articles	%No-fee	\$/article
Brazil	45	1,509	100%	\$0
Spain	52	1,318	100%	\$0
United States	15	997	100%	\$0
Argentina	26	573	100%	\$0
Russia	8	512	67%	\$101
Italy	23	408	86%	\$7
Netherlands	7	323	100%	\$0
France	16	319	100%	\$0
Colombia	13	286	100%	\$0
Mexico	5	197	100%	\$0
Turkey	9	172	100%	\$0
United Kingdom	7	171	95%	\$21
Chile	9	148	100%	\$0
Ukraine	3	142	100%	\$0
Hungary	2	127	100%	\$0
Indonesia	8	125	54%	\$24
Poland	6	124	100%	\$0
Romania	9	108	100%	\$0
Moldova	3	99	64%	\$5
Croatia	4	95	100%	\$0
Iran	3	93	32%	\$43
Portugal	4	90	100%	\$0
Germany	6	74	100%	\$0
Canada	5	64	100%	\$0
Serbia	4	57	100%	\$0
Norway	3	56	100%	\$0
Czech Republic	3	55	100%	\$0

## Language & Literature

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	763	20,205			\$32	-96%
Fee	79	3,925	19%	-67%	\$165	-89%
No-fee	684	16,280	81%	93%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	700	732	713	689	627	570
Articles	20,205	21,514	19,566	17,925	15,238	14,479
%No-fee	81%	83%	83%	82%	83%	84%
Change	-6.1%	10.0%	9.2%	17.6%	5.2%	

Down slightly, but still up from 2016.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	1	1,178	0%	\$100
Large: 150-599	9	1,314	53%	\$71
Med.: 60-149	90	5,242	82%	\$42
Small: 20-59	422	10,363	91%	\$18
Smallest: 0-19	241	2,108	89%	\$17

The cost/volume correlation is there, at very low cost levels.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	1	25	\$53,625	\$2,145
\$600-\$1,399	3	42	\$39,879	\$950
\$200-\$599	16	838	\$305,624	\$365
\$0.01-\$199	59	3,020	\$249,784	\$83
No fee	684	16,280		

Remarkably, there is one very expensive (for H&SS) journal.

Category	Journals	Articles	%No-fee	\$/article
Univ/college	596	15,271	87%	\$14
Miscellaneous	29	1,993	35%	\$65
Open Access	82	1,472	63%	\$176
Society/govt	45	1,314	89%	\$29
Traditional	11	155	81%	\$65



Change 2017-18	Count	Percent
Grew 25%+	163	21.4%
Even, $\pm 24.99\%$	376	49.3%
Shrank 25%+	224	29.4%

### Country of Publication

Country	Journals	Articles	%No-fee	\$/article
Brazil	104	4,069	99%	\$1
Turkey	14	1,708	26%	\$74
Spain	88	1,680	100%	\$0
Indonesia	89	1,555	68%	\$14
Italy	49	1,307	86%	\$12
Russia	20	1,294	68%	\$26
United States	46	982	86%	\$39
France	48	747	100%	\$0
Poland	31	631	91%	\$34
Romania	22	621	69%	\$33
United Kingdom	28	510	46%	\$357
Australia	8	504	57%	\$92
Argentina	12	336	100%	\$0
Germany	14	323	97%	\$6
Colombia	13	270	100%	\$0
Slovenia	10	212	100%	\$0
Mexico	7	206	100%	\$0
Canada	12	199	100%	\$0
Czech Republic	9	192	100%	\$0
Iran	9	179	59%	\$16
Malaysia	4	178	31%	\$207
South Africa	6	169	0%	\$435
Portugal	6	150	100%	\$0

## Law

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	364	8,930			\$19	-98%
Fee	27	718	8%	-86%	\$236	-85%
No-fee	337	8,212	92%	120%		

Predominantly no-fee even by H&SS standards

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	329	354	343	321	264	228
Articles	8,930	9,281	9,171	7,925	6,992	6,104
%No-fee	92%	92%	92%	90%	90%	91%
Change	-3.8%	1.2%	15.7%	13.3%	14.5%	

Two essentially flat years after three years of growth.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	5	691	100%	\$0
Med.: 60-149	38	2,108	86%	\$17
Small: 20-59	230	5,366	93%	\$24
Smallest: 0-19	91	765	94%	\$4

No cost/volume correlation at all, with the large journals all no-fee.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	1	25	\$36,176	\$1,447
\$600-\$1,399	4	64	\$67,800	\$1,059
\$200-\$599	4	132	\$37,046	\$281
\$0.01-\$199	18	497	\$28,198	\$57
No fee	337	8,212		

The single expensive journal barely clears the \$1,400 bar.

Category	Journals	Articles	%No-fee	\$/article
Univ/college	294	7,447	93%	\$7
Society/govt	24	614	92%	\$17
Open Access	30	542	78%	\$196
Miscellaneous	13	255	100%	\$0
Traditional	3	72	100%	\$0

Change 2017-18	Count	Percent
Grew 25%+	68	18.7%
Even, $\pm 24.99\%$	205	56.3%
Shrank 25%+	91	25.0%

#### Country of Publication (50+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	98	2,664	100%	\$0
Indonesia	54	934	71%	\$21
Spain	28	838	96%	\$1
Italy	14	754	100%	\$0
Russia	13	425	100%	\$0
Colombia	25	386	100%	\$0
Poland	13	310	89%	\$16
United Kingdom	14	298	74%	\$246
Serbia	6	218	100%	\$0
Croatia	6	197	100%	\$0
Romania	7	192	94%	\$11
Iran	6	157	76%	\$14
South Africa	5	151	60%	\$33
Ukraine	2	128	38%	\$8
Chile	5	117	100%	\$0
Norway	6	104	76%	\$348
Germany	3	95	100%	\$0
Switzerland	4	81	53%	\$165
United States	8	78	100%	\$0
Peru	4	71	100%	\$0
Australia	4	68	100%	\$0
India	2	58	100%	\$0
Argentina	4	55	100%	\$0
Austria	2	52	10%	\$203
Turkey	2	52	100%	\$0

Brazil is by far the largest here, and no Brazil law journal charges fees.

## Library Science

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	145	3,363			\$8	-99%
Fee	5	77	2%	-96%	\$371	-76%
No-fee	140	3,286	98%	133%		

The highest no-fee percentage of any subject.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	133	139	137	132	126	117
Articles	3,363	3,579	3,202	2,960	2,794	2,481
%No-fee	98%	98%	97%	98%	98%	98%
Change	-6.0%	11.8%	8.2%	5.9%	12.6%	

Common H&SS pattern: slight 2018 decline, still above 2016.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Med.: 60-149	17	1,070	100%	\$0
Small: 20-59	83	1,917	97%	\$13
Smallest: 0-19	45	376	96%	\$9

No large journals, and even the medium-sized are no-fee.

Fees	Journals	Articles	Revenue	\$/article
\$200-\$599	3	59	\$26,792	\$454
\$0.01-\$199	2	18	\$1,786	\$99
No fee	140	3,286		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	102	2,245	99%	\$1
Society/govt	22	651	100%	\$0
Open Access	14	329	82%	\$81
Miscellaneous	7	138	100%	\$0

Change 2017-18	Count	Percent
Grew 25%+	31	21.4%
Even, $\pm 24.99\%$	73	50.3%
Shrank 25%+	41	28.3%

#### Country of Publication (25+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	20	648	100%	\$0
United States	26	540	100%	\$0
United Kingdom	11	289	94%	\$22
Poland	9	218	81%	\$94
Germany	4	181	100%	\$0
Spain	10	164	100%	\$0
Italy	4	142	100%	\$0
Indonesia	8	116	100%	\$0
Canada	3	106	100%	\$0
Iran	2	92	100%	\$0
Netherlands	2	73	100%	\$0
Turkey	3	67	100%	\$0
Portugal	3	63	100%	\$0
Cuba	3	61	100%	\$0
Austria	1	58	100%	\$0
Switzerland	2	49	100%	\$0
Ukraine	2	47	100%	\$0
South Korea	2	40	100%	\$0
Argentina	2	39	100%	\$0
China	1	35	100%	\$0
Slovakia	1	34	100%	\$0
Lithuania	1	33	100%	\$0
India	1	32	100%	\$0
Taiwan	3	30	100%	\$0
Costa Rica	2	29	100%	\$0
Slovenia	1	28	100%	\$0
Colombia	1	25	100%	\$0

## Mathematics

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	241	10,614			\$757	-17%
Fee	73	5,736	54%	-7%	\$1,400	-11%
No-fee	168	4,878	46%	10%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	234	236	223	200	186	159
Articles	10,614	9,238	8,454	9,689	11,631	9,730
%No-fee	46%	54%	52%	43%	34%	36%
Change	14.9%	9.3%	-12.7%	-16.7%	19.5%	

Unusual 2015-2016 sag; still not back to 2014 levels.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	4	2,218	0%	\$2,057
Large: 150-599	12	2,426	22%	\$986
Med.: 60-149	31	2,082	65%	\$302
Small: 20-59	118	3,095	78%	\$112
Smallest: 0-19	76	793	72%	\$128

The usual correlation except for the blip at the bottom.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	9	3,137	\$6,102,974	\$1,945
\$600-\$1,399	31	1,730	\$1,785,831	\$1,032
\$200-\$599	9	363	\$117,015	\$322
\$0.01-\$199	24	506	\$27,040	\$53
No fee	168	4,878		

Expensive math journals tend to be *very* expensive.

Category	Journals	Articles	%No-fee	\$/article
Open Access	73	6,029	17%	\$1,278
Univ/college	130	3,635	87%	\$16
Traditional	13	380	41%	\$643
Society/govt	18	359	92%	\$35
Miscellaneous	7	211	89%	\$46

Change 2017-18	Count	Percent
Grew 25%+	66	27.4%
Even, $\pm 24.99\%$	128	53.1%
Shrank 25%+	47	19.5%

#### Country of Publication (30+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
United Kingdom	34	4,068	2%	\$1,731
Switzerland	8	908	8%	\$716
Indonesia	38	763	58%	\$25
United States	16	746	97%	\$28
Poland	26	661	52%	\$399
Brazil	9	381	100%	\$0
Ukraine	9	315	84%	\$2
Russia	7	264	100%	\$0
Turkey	8	261	100%	\$0
Australia	1	247	100%	\$0
Iran	9	195	100%	\$0
Germany	7	160	100%	\$0
Romania	9	154	100%	\$0
Canada	3	138	100%	\$0
Italy	7	115	87%	\$9
Hungary	1	104	100%	\$0
Colombia	4	100	39%	\$126
Spain	5	100	100%	\$0
Serbia	4	97	100%	\$0
Pakistan	2	85	100%	\$0
Netherlands	2	79	100%	\$0
France	3	72	100%	\$0
Lithuania	3	72	100%	\$0
Czech Republic	3	69	100%	\$0
Finland	1	66	100%	\$0
India	2	57	65%	\$21
Hong Kong	1	46	100%	\$0

## Media & Communications

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	221	6,092			\$53	-94%
Fee	17	649	11%	-82%	\$495	-68%
No-fee	204	5,443	89%	113%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	199	218	215	206	186	181
Articles	6,092	6,309	5,949	5,446	4,440	4,165
%No-fee	89%	92%	92%	93%	94%	94%
Change	-3.4%	6.1%	9.2%	22.7%	6.6%	

Typical H&SS pattern.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	3	464	100%	\$0
Med.: 60-149	22	1,476	81%	\$75
Small: 20-59	155	3,738	91%	\$53
Smallest: 0-19	41	414	93%	\$24

No cost/volume correlation.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	1	57	\$111,150	\$1,950
\$600-\$1,399	4	160	\$154,256	\$964
\$200-\$599	2	114	\$29,100	\$255
\$0.01-\$199	10	318	\$26,506	\$83
No fee	204	5,443		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	172	4,557	96%	\$4
Society/govt	24	762	82%	\$12
Miscellaneous	10	352	98%	\$2
Open Access	12	231	31%	\$668
Traditional	3	190	12%	\$731



Change 2017-18	Count	Percent
Grew 25%+	46	20.8%
Even, $\pm 24.99\%$	116	52.5%
Shrank 25%+	59	26.7%

#### Country of Publication (30+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	41	1,382	100%	\$0
Spain	35	1,141	89%	\$12
Portugal	9	411	83%	\$174
Indonesia	19	283	70%	\$22
France	8	248	85%	\$6
United States	9	235	100%	\$0
United Kingdom	7	232	48%	\$159
Argentina	8	196	100%	\$0
Netherlands	4	148	61%	\$751
Italy	6	142	100%	\$0
Canada	5	138	100%	\$0
Ecuador	2	136	100%	\$0
Colombia	6	116	100%	\$0
Austria	3	113	100%	\$0
Chile	4	111	100%	\$0
Poland	6	104	100%	\$0
Romania	6	103	100%	\$0
Germany	4	88	100%	\$0
Turkey	4	83	100%	\$0
Peru	3	71	100%	\$0
Australia	4	69	100%	\$0
Ireland	2	67	100%	\$0
Switzerland	1	58	0%	\$950
Norway	3	54	100%	\$0
Croatia	3	52	100%	\$0
Denmark	3	42	100%	\$0
South Korea	1	36	0%	\$70

## Medicine

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	2,665	209,877			\$1,183	30%
Fee	1,260	139,336	66%	14%	\$1,782	14%
No-fee	1,405	70,541	34%	-20%		

Two-thirds (fairly high) fees, and by far the largest subject.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	2,553	2,577	2,493	2,325	2,113	1,876
Articles	209,877	188,905	176,487	166,148	152,982	125,066
%No-fee	34%	36%	38%	38%	38%	40%
Change	11.1%	7.0%	6.2%	8.6%	22.3%	

Growing every year, and no-fee percent is shrinking.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	49	47,442	12%	\$1,952
Large: 150-599	351	72,660	24%	\$1,363
Med.: 60-149	751	54,250	48%	\$699
Small: 20-59	1,175	32,585	61%	\$522
Smallest: 0-19	339	2,940	60%	\$565

Typical correlation except for the flattening of smaller journals.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	656	95,560	\$224,917,861	\$2,354
\$600-\$1,399	251	16,287	\$15,800,293	\$970
\$200-\$599	185	17,141	\$6,557,456	\$383
\$0.01-\$199	168	10,348	\$969,239	\$94
No fee	1,405	70,541		

Category	Journals	Articles	%No-fee	\$/article
Open Access	961	96,961	15%	\$1,659
Traditional	523	44,544	26%	\$1,488
Univ/college	793	39,830	63%	\$367
Society/govt	274	17,609	64%	\$251
Miscellaneous	113	10,915	73%	\$195

Change 2017-18	Count	Percent
Grew 25%+	697	26.2%
Even, $\pm 24.99\%$	1,448	54.3%
Shrank 25%+	520	19.5%

**Country of Publication (700+ articles in 2018)**

Country	Journals	Articles	%No-fee	\$/article
United Kingdom	707	65,927	4%	\$2,042
United States	201	24,057	25%	\$1,468
Switzerland	85	21,401	5%	\$2,284
India	198	16,274	55%	\$284
Brazil	156	11,454	75%	\$109
Iran	211	9,534	73%	\$58
Netherlands	77	6,810	26%	\$1,186
Russia	69	4,331	95%	\$6
Turkey	72	3,630	95%	\$1
China	29	3,544	35%	\$287
Spain	55	3,438	89%	\$88
Poland	79	3,412	52%	\$220
Indonesia	117	3,214	62%	\$42
South Korea	47	3,027	74%	\$120
Australia	23	2,181	23%	\$1,228
Ukraine	29	2,021	54%	\$18
Italy	49	1,781	34%	\$696
Canada	26	1,769	23%	\$1,609
Cuba	28	1,603	100%	\$0
Egypt	20	1,354	88%	\$11
Colombia	35	1,291	97%	\$3
Germany	26	1,096	36%	\$1,197
Taiwan	8	1,067	91%	\$35
Pakistan	12	1,005	14%	\$273
Romania	23	955	46%	\$84
Saudi Arabia	8	884	85%	\$45
South Africa	19	841	33%	\$411
Uganda	1	786	0%	\$180

## Miscellany

Miscellany includes mostly-H&SS multidisciplinary journals.

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	211	8,875			\$95	-90%
Fee	38	2,363	27%	-54%	\$356	-77%
No-fee	173	6,512	73%	75%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	199	208	205	192	177	155
Articles	8,875	9,273	9,476	7,516	6,264	5,155
%No-fee	73%	73%	58%	69%	67%	70%
Change	-4.3%	-2.1%	26.1%	20.0%	21.5%	

Two years' slight shrinkage after three years of strong growth.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	3	1,321	95%	\$8
Large: 150-599	13	1,629	24%	\$273
Med.: 60-149	45	2,932	75%	\$94
Small: 20-59	115	2,620	89%	\$40
Smallest: 0-19	35	373	90%	\$11

Clearly no cost/volume correlation, since the largest journals are lowest.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	1	15	\$32,175	\$2,145
\$600-\$1,399	6	361	\$426,560	\$1,182
\$200-\$599	6	855	\$309,151	\$362
\$0.01-\$199	25	1,132	\$74,289	\$66
No fee	173	6,512		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	168	5,357	84%	\$8
Open Access	22	2,328	57%	\$181
Traditional	5	574	18%	\$629
Miscellaneous	10	486	89%	\$29
Society/govt	6	130	100%	\$0

Change 2017-18	Count	Percent
Grew 25%+	54	25.6%
Even, $\pm 24.99\%$	94	44.5%
Shrank 25%+	63	29.9%

One of few subjects with less than half of journals relatively even.

#### Country of Publication (90+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	44	1,989	83%	\$2
Switzerland	6	1,718	66%	\$128
United Kingdom	9	451	33%	\$880
United States	9	406	35%	\$255
Russia	8	403	73%	\$17
Indonesia	16	354	39%	\$34
Ecuador	5	296	100%	\$0
Romania	8	283	74%	\$29
Poland	6	266	54%	\$83
Turkey	5	257	100%	\$0
Colombia	13	253	100%	\$0
Ukraine	3	184	100%	\$0
Spain	6	141	100%	\$0
Chile	5	126	100%	\$0
Costa Rica	3	115	100%	\$0
Argentina	2	114	100%	\$0
Venezuela	2	101	13%	\$105
Serbia	2	91	100%	\$0

## Other Sciences

Includes megajournals.

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	216	62,268			\$1,801	97%
Fee	67	54,742	88%	51%	\$2,049	31%
No-fee	149	7,526	12%	-71%		

Expensive by any measure.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	198	204	200	178	169	149
Articles	62,268	67,700	65,728	56,177	51,734	45,034
%No-fee	12%	10%	10%	9%	10%	9%
Change	-8.0%	3.0%	17.0%	8.6%	14.9%	

Maybe 2017 was peak megajournal (or maybe not).

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	14	53,562	5%	\$2,012
Large: 150-599	17	2,851	42%	\$1,127
Med.: 60-149	49	3,235	58%	\$240
Small: 20-59	100	2,268	76%	\$156
Smallest: 0-19	36	352	79%	\$180

An extreme version of the usual correlation (except at the bottom).

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	15	48,475	\$106,546,472	\$2,198
\$600-\$1,399	17	4,311	\$5,187,031	\$1,203
\$200-\$599	16	919	\$366,161	\$398
\$0.01-\$199	19	1,037	\$56,258	\$54
No fee	149	7,526		

Category	Journals	Articles	%No-fee	\$/article
Traditional	21	26,776	6%	\$2,411
Open Access	28	23,346	1%	\$1,522
Univ/college	144	7,727	66%	\$542
Society/govt	18	4,365	9%	\$1,804
Miscellaneous	5	54	9%	\$105

Change 2017-18	Count	Percent
Grew 25%+	57	26.4%
Even, $\pm 24.99\%$	99	45.8%
Shrank 25%+	60	27.8%

#### Country of Publication (150+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
United Kingdom	19	27,624	0%	\$2,471
United States	10	21,684	0%	\$1,692
Switzerland	7	3,374	5%	\$1,352
France	2	1,271	100%	\$0
Brazil	20	878	88%	\$5
Algeria	2	807	100%	\$0
Turkey	11	784	91%	\$18
Germany	7	541	7%	\$4,131
Russia	8	442	64%	\$14
Italy	4	420	97%	\$9
Indonesia	20	417	44%	\$32
Thailand	8	316	64%	\$51
Saudi Arabia	1	281	100%	\$0
Netherlands	4	279	0%	\$561
China	2	241	63%	\$6
Taiwan	2	230	13%	\$348
Mexico	8	223	71%	\$29
Serbia	5	208	29%	\$214
Colombia	8	194	100%	\$0
Spain	5	177	100%	\$0

## Philosophy

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	207	5,161			\$50	-95%
Fee	10	307	6%	-90%	\$841	-46%
No-fee	197	4,854	94%	125%		

What you'd expect: almost entirely no-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	194	196	195	191	179	160
Articles	5,161	5,338	5,253	4,808	4,424	4,003
%No-fee	94%	94%	95%	94%	94%	95%
Change	-3.3%	1.6%	9.3%	8.7%	10.5%	

Typical H&SS: slight slowdown after four years of growth.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	78	100%	\$0
Med.: 60-149	22	1,261	89%	\$139
Small: 20-59	131	3,367	96%	\$20
Smallest: 0-19	53	455	93%	\$33

No patterns to speak of.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	2	83	\$178,035	\$2,145
\$600-\$1,399	2	42	\$42,294	\$1,007
\$200-\$599	1	69	\$31,050	\$450
\$0.01-\$199	5	113	\$6,680	\$59
No fee	197	4,854		



Category	Journals	Articles	%No-fee	\$/article
Univ/college	160	4,183	96%	\$12
Society/govt	21	402	100%	\$0
Open Access	17	400	63%	\$520
Miscellaneous	8	155	100%	\$0
Traditional	1	21	100%	\$0

Change 2017-18	Count	Percent
Grew 25%+	37	17.9%
Even, $\pm 24.99\%$	118	57.0%
Shrank 25%+	52	25.1%

#### Country of Publication (80+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	26	837	92%	\$37
Spain	23	723	100%	\$0
Italy	22	506	100%	\$0
Poland	12	318	100%	\$0
United States	14	305	100%	\$0
Colombia	10	269	100%	\$0
Romania	9	163	86%	\$14
Canada	8	159	100%	\$0
Russia	4	158	100%	\$0
United Kingdom	7	153	29%	\$1,356
Ukraine	4	150	100%	\$0
Iran	4	124	72%	\$15
Croatia	3	122	100%	\$0
Mexico	4	119	100%	\$0
France	6	112	100%	\$0
Serbia	2	106	100%	\$0
Argentina	8	97	100%	\$0
Chile	5	94	100%	\$0
Bulgaria	2	82	100%	\$0
Australia	3	80	100%	\$0

## Physics

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	157	28,972			\$1,182	30%
Fee	84	19,553	67%	16%	\$1,752	12%
No-fee	73	9,419	33%	-22%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	149	153	145	137	123	102
Articles	28,972	24,660	20,590	19,176	17,170	12,090
%No-fee	33%	39%	41%	40%	42%	31%
Change	17.5%	19.8%	7.4%	11.7%	42.0%	

Growth every year.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	14	18,997	35%	\$1,222
Large: 150-599	18	5,031	14%	\$1,628
Med.: 60-149	42	3,185	37%	\$747
Small: 20-59	56	1,532	56%	\$277
Smallest: 0-19	27	227	68%	\$249

Unusual in that largest journals “cheaper” than large.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	35	15,989	\$31,688,617	\$1,982
\$600-\$1,399	20	1,941	\$2,043,556	\$1,053
\$200-\$599	13	1,188	\$487,126	\$410
\$0.01-\$199	16	435	\$34,507	\$79
No fee	73	9,419		

Note that SCOAP<sup>3</sup> counted as no-fee if it covers *all* articles.

Category	Journals	Articles	%No-fee	\$/article
Open Access	64	15,086	29%	\$1,156
Traditional	28	6,326	61%	\$566
Society/govt	21	6,167	8%	\$2,088
Univ/college	41	1,273	61%	\$269
Miscellaneous	3	120	0%	\$235

Change 2017-18	Count	Percent
Grew 25%+	55	35.0%
Even, $\pm 24.99\%$	77	49.0%
Shrank 25%+	25	15.9%

### Country of Publication

Country	Journals	Articles	%No-fee	\$/article
Switzerland	18	8,360	3%	\$1,516
United States	13	5,698	4%	\$2,222
United Kingdom	35	4,304	5%	\$1,740
Germany	11	3,586	96%	\$87
France	4	2,573	100%	\$8
Netherlands	6	2,065	62%	\$333
Brazil	5	352	62%	\$171
Ukraine	6	302	100%	\$0
Poland	10	293	37%	\$521
China	4	260	19%	\$171
Indonesia	14	240	37%	\$39
India	3	126	100%	\$0
Iran	3	110	100%	\$0
Romania	4	98	100%	\$0
Egypt	2	79	84%	\$20
Austria	1	73	0%	\$224
Ireland	1	61	0%	\$1,676
Singapore	1	56	100%	\$0
Nigeria	1	50	0%	\$111
Russia	3	50	100%	\$0

## Political Science

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	318	8,334			\$23	-98%
Fee	29	940	11%	-81%	\$201	-87%
No-fee	289	7,394	89%	112%		

Low costs even for H&SS.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	297	305	296	284	261	239
Articles	8,334	8,810	8,564	8,485	7,725	6,565
%No-fee	89%	88%	86%	86%	87%	85%
Change	-5.4%	2.9%	0.9%	9.8%	17.7%	

A bit more downturn than usual; below 2015 levels.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	1	288	100%	\$0
Large: 150-599	7	759	52%	\$10
Med.: 60-149	32	1,885	91%	\$48
Small: 20-59	186	4,495	93%	\$12
Smallest: 0-19	92	907	89%	\$41

No real patterns here.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	2	7	\$9,891	\$1,413
\$600-\$1,399	4	142	\$138,374	\$974
\$200-\$599	2	31	\$10,234	\$330
\$0.01-\$199	21	760	\$30,839	\$41
No fee	289	7,394		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	240	5,918	88%	\$12
Open Access	31	802	86%	\$116
Miscellaneous	14	696	90%	\$2
Society/govt	20	505	100%	\$0
Traditional	13	413	93%	\$51

Change 2017-18	Count	Percent
Grew 25%+	69	21.7%
Even, $\pm 24.99\%$	169	53.1%
Shrank 25%+	80	25.2%

#### Country of Publication (100+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Brazil	40	1,225	100%	\$0
Russia	12	914	100%	\$0
Spain	24	747	100%	\$0
Romania	28	732	85%	\$4
Indonesia	29	498	48%	\$37
Poland	18	465	100%	\$0
Turkey	9	348	100%	\$0
Ukraine	6	346	6%	\$21
Colombia	12	277	100%	\$0
United States	12	241	100%	\$0
Netherlands	5	231	78%	\$194
Germany	10	186	100%	\$0
Mexico	6	177	88%	\$1
United Kingdom	14	168	77%	\$120
Italy	7	162	94%	\$66
Chile	6	158	100%	\$0
Czech Republic	8	158	100%	\$0
Portugal	3	115	29%	\$720
Argentina	8	108	100%	\$0

## Psychology

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	209	8,244			\$1,095	20%
Fee	46	4,087	50%	-15%	\$2,208	41%
No-fee	163	4,157	50%	20%		

Clinical psychology is medicine, possibly explaining these facts.

### Articles and Journals by Dte

	2018	2017	2016	2015	2014	2013
Journals	193	203	199	194	180	166
Articles	8,244	8,050	7,654	7,442	6,576	5,671
%No-fee	50%	54%	56%	59%	62%	67%
Change	2.4%	5.2%	2.8%	13.2%	16.0%	

Growth every year and a slow shift toward fee-based articles.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	1	2,732	0%	\$2,950
Large: 150-599	2	230	100%	\$0
Med.: 60-149	35	1,917	64%	\$227
Small: 20-59	117	2,840	79%	\$181
Smallest: 0-19	54	525	86%	\$27

Too scattered for correlations.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	8	3,012	\$8,610,447	\$2,859
\$600-\$1,399	11	345	\$300,501	\$871
\$200-\$599	9	280	\$84,347	\$301
\$0.01-\$199	18	450	\$29,185	\$65
No fee	163	4,157		

Expensive journals tend to be very expensive.

Category	Journals	Articles	%No-fee	\$/article
Univ/college	144	3,828	87%	\$28
Open Access	24	3,331	6%	\$2,584
Society/govt	20	641	75%	\$237
Traditional	13	280	21%	\$532
Miscellaneous	8	164	60%	\$75

Change 2017-18	Count	Percent
Grew 25%+	51	24.4%
Even, $\pm 24.99\%$	112	53.6%
Shrank 25%+	46	22.0%

#### Country of Publication (60+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Switzerland	1	2,732	0%	\$2,950
Brazil	28	1,112	100%	\$0
Spain	22	536	62%	\$218
Indonesia	19	519	83%	\$9
United Kingdom	14	454	17%	\$1,047
Russia	9	421	88%	\$26
Colombia	12	264	100%	\$0
United States	11	256	52%	\$625
Germany	8	175	91%	\$6
Iran	8	174	59%	\$25
Argentina	7	160	100%	\$0
Italy	9	148	100%	\$0
Canada	4	141	23%	\$1,058
Ukraine	2	112	0%	\$28
Turkey	5	110	68%	\$18
Poland	5	108	82%	\$59
Chile	3	94	100%	\$0
Peru	4	92	100%	\$0
Portugal	2	78	9%	\$77

## Religion

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	208	5,128			\$127	-86%
Fee	32	1,569	31%	-47%	\$416	-73%
No-fee	176	3,559	69%	66%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	187	196	197	178	166	140
Articles	5,128	5,367	5,068	4,643	4,177	3,707
%No-fee	69%	75%	76%	73%	76%	79%
Change	-4.5%	5.9%	9.2%	11.2%	12.7%	

Fairly typical H&SS in a number of ways.

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	4	852	3%	\$503
Med.: 60-149	19	980	75%	\$128
Small: 20-59	121	2,681	84%	\$34
Smallest: 0-19	64	615	89%	\$11

Somewhat typical cost/volume correlation

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	1	0		
\$600-\$1,399	3	277	\$238,902	\$862
\$200-\$599	11	788	\$376,118	\$477
\$0.01-\$199	17	504	\$38,212	\$76
No fee	176	3,559		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	165	3,381	87%	\$23
Open Access	17	1,133	10%	\$474
Traditional	7	311	89%	\$60
Society/govt	14	195	71%	\$68
Miscellaneous	5	108	62%	\$49



Change 2017-18	Count	Percent
Grew 25%+	35	16.8%
Even, $\pm 24.99\%$	120	57.7%
Shrank 25%+	53	25.5%

#### Country of Publication (20+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
Indonesia	94	1,358	83%	\$9
Brazil	19	580	95%	\$11
Switzerland	3	452	7%	\$515
South Africa	8	433	0%	\$632
Turkey	12	400	100%	\$0
Poland	11	279	81%	\$105
Germany	5	259	23%	\$61
Netherlands	3	158	100%	\$0
Malaysia	3	128	0%	\$307
Italy	2	125	100%	\$0
Iran	6	111	100%	\$0
United States	7	108	100%	\$0
Spain	2	104	100%	\$0
United Kingdom	3	66	33%	\$371
Norway	3	61	59%	\$332
Russia	2	58	100%	\$0
Chile	2	50	100%	\$0
Finland	3	50	100%	\$0
Croatia	1	41	100%	\$0
Austria	1	34	100%	\$0
Costa Rica	1	34	100%	\$0
Ireland	1	32	100%	\$0
Pakistan	1	32	100%	\$0
France	2	29	100%	\$0
Colombia	1	27	100%	\$0
New Zealand	1	24	100%	\$0
Australia	2	21	100%	\$0

## Sociology

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	529	17,437			\$148	-84%
Fee	69	4,971	29%	-51%	\$517	-67%
No-fee	460	12,466	71%	71%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	494	507	495	460	427	391
Articles	17,437	15,963	15,225	13,209	12,352	10,727
%No-fee	71%	77%	79%	80%	80%	81%
Change	9.2%	4.8%	15.3%	6.9%	15.1%	

Growing every year, a bit unusual for H&SS.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	17	3,775	35%	\$375
Med.: 60-149	69	4,168	62%	\$199
Small: 20-59	327	8,337	90%	\$36
Smallest: 0-19	116	1,157	95%	\$27

Common correlation between cost and volume, at fairly low costs.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	5	450	\$863,074	\$1,918
\$600-\$1,399	13	1,125	\$1,263,216	\$1,123
\$200-\$599	11	769	\$256,415	\$333
\$0.01-\$199	40	2,627	\$189,531	\$72
No fee	460	12,466		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	391	12,168	81%	\$29
Open Access	46	1,643	23%	\$603
Society/govt	44	1,406	93%	\$16
Traditional	17	1,365	32%	\$847
Miscellaneous	31	855	62%	\$67

Change 2017-18	Count	Percent
Grew 25%+	135	25.5%
Even, $\pm 24.99\%$	283	53.5%
Shrank 25%+	111	21.0%

### Country of Publication

Country	Journals	Articles	%No-fee	\$/article
Brazil	71	2,578	90%	\$15
United Kingdom	25	1,749	20%	\$977
Spain	46	1,157	92%	\$6
United States	37	1,128	84%	\$190
Russia	13	940	56%	\$6
Turkey	19	909	46%	\$29
Poland	19	900	74%	\$86
Indonesia	35	671	66%	\$27
Colombia	24	594	100%	\$0
France	17	504	100%	\$0
Argentina	20	416	100%	\$0
Portugal	10	392	56%	\$443
Romania	12	375	38%	\$56
Netherlands	6	354	100%	\$0
Switzerland	7	342	16%	\$363
Ecuador	7	340	100%	\$0
South Africa	4	325	6%	\$288
Mexico	12	285	92%	\$31
Ukraine	2	273	0%	\$23
Iran	11	270	61%	\$25
Greece	2	261	100%	\$0
Italy	10	259	100%	\$0
Canada	8	253	100%	\$0
Germany	8	206	100%	\$0
Chile	10	189	100%	\$0
Norway	9	169	100%	\$0
Lithuania	8	109	88%	\$7

## Technology

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	231	25,609			\$534	-41%
Fee	75	9,350	37%	-37%	\$1,463	-7%
No-fee	156	16,259	63%	52%		

Most unusual for STEM, with 63% no-fee articles.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	217	220	205	190	175	150
Articles	25,609	18,850	15,699	11,729	9,728	7,755
%No-fee	63%	58%	60%	56%	59%	56%
Change	35.9%	20.1%	33.8%	20.6%	25.4%	

Substantial growth every year, currently trending toward no-fee.

### Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Largest: 600+	2	14,363	69%	\$568
Large: 150-599	22	4,115	39%	\$894
Med.: 60-149	57	3,874	60%	\$383
Small: 20-59	114	2,946	75%	\$112
Smallest: 0-19	36	311	83%	\$107

Lacks the usual cost/volume correlation at the top.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	16	6,677	\$12,621,079	\$1,890
\$600-\$1,399	17	611	\$535,701	\$877
\$200-\$599	20	1,214	\$425,049	\$350
\$0.01-\$199	22	848	\$97,154	\$115
No fee	156	16,259		

When there are fees, they're usually fairly high.

Category	Journals	Articles	%No-fee	\$/article
Traditional	25	11,375	95%	\$80
Open Access	61	7,965	12%	\$1,502
Univ/college	108	4,241	89%	\$18
Society/govt	24	1,178	42%	\$473
Miscellaneous	13	850	28%	\$211

Change 2017-18	Count	Percent
Grew 25%+	78	33.8%
Even, $\pm 24.99\%$	102	44.2%
Shrank 25%+	51	22.1%

Another subject with more volatility, most of it growth.

#### Country of Publication (150+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
France	3	10,176	100%	\$3
Switzerland	13	5,411	5%	\$1,615
United Kingdom	22	1,874	6%	\$1,708
Brazil	14	961	68%	\$66
Indonesia	30	807	75%	\$12
China	9	795	62%	\$110
Germany	8	779	81%	\$211
United States	10	599	19%	\$895
Poland	18	471	57%	\$74
Russia	10	452	89%	\$43
Netherlands	7	395	38%	\$727
Romania	5	257	84%	\$16
Serbia	6	219	100%	\$0
Colombia	4	207	100%	\$0
Ukraine	5	185	89%	\$15
Turkey	4	182	100%	\$0
Japan	2	156	29%	\$2,595
Spain	4	153	20%	\$448

France's one fee journal had 16 articles, less than 0.5% of the total.

# Zoology

Includes veterinary medicine and marine biology.

Key Facts	Journals	Articles	Art%	Rel%	\$/Art	Rel%
All	260	12,485			\$521	-43%
Fee	126	8,265	66%	14%	\$787	-50%
No-fee	134	4,220	34%	-19%		

Relatively low costs for STEM, even lower compared to biomed.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	251	251	246	229	214	196
Articles	12,485	11,940	11,219	10,530	9,794	9,484
%No-fee	34%	37%	37%	39%	38%	39%
Change	4.6%	6.4%	6.5%	7.5%	3.3%	

Growing at a moderate pace every year.

## Additional Metrics

Article Volume	Journals	Articles	%No-fee	\$/article
Large: 150-599	20	4,596	13%	\$882
Med.: 60-149	68	4,166	35%	\$390
Small: 20-59	129	3,339	59%	\$222
Smallest: 0-19	43	384	55%	\$226

Fairly typical cost/volume correlation, flattening at the bottom.

Fees	Journals	Articles	Revenue	\$/article
\$1,400+	22	1,846	\$3,552,186	\$1,924
\$600-\$1,399	20	2,238	\$1,940,350	\$867
\$200-\$599	33	2,412	\$882,094	\$366
\$0.01-\$199	51	1,769	\$129,264	\$73
No fee	134	4,220		

Category	Journals	Articles	%No-fee	\$/article
Univ/college	126	5,000	47%	\$193
Open Access	62	3,705	15%	\$994
Society/govt	45	2,077	50%	\$198
Traditional	21	1,528	17%	\$938
Miscellaneous	6	175	15%	\$55

Change 2017-18	Count	Percent
Grew 25%+	57	21.9%
Even, $\pm 24.99\%$	142	54.6%
Shrank 25%+	61	23.5%

#### Country of Publication (100+ articles in 2018)

Country	Journals	Articles	%No-fee	\$/article
United Kingdom	34	1,972	11%	\$1,342
Brazil	23	1,633	40%	\$190
Indonesia	41	1,051	34%	\$47
Switzerland	5	925	5%	\$1,205
Bulgaria	11	919	8%	\$624
India	4	639	46%	\$89
United States	6	541	11%	\$1,324
Egypt	7	409	17%	\$394
Iran	8	396	53%	\$29
South Korea	3	382	0%	\$569
Turkey	8	361	62%	\$96
Poland	14	360	65%	\$71
China	4	294	35%	\$173
Spain	7	223	100%	\$0
Germany	6	213	22%	\$857
Netherlands	4	197	55%	\$826
Czech Republic	3	187	0%	\$354
Italy	10	170	85%	\$21
Romania	4	164	55%	\$51
Mexico	4	146	58%	\$121
Colombia	4	125	82%	\$15
France	3	125	100%	\$0
Moldova	1	104	100%	\$0

## Publisher Profiles: Open Access, Traditional, Society

While the subject profiles augment *Gold Open Access 2013-2018: Articles in Journals*, the next two sections provide new information—one- or two-page profiles of publishers with ten or more DOAJ-listed journals.

Publishers will no doubt find that revenue figures are either too high or too low, for reasons described in the Preface.

I have combined publishers when I was aware of acquisitions and mergers—e.g., SpringerNature includes BMC and Frontiers, Elsevier includes KeAi, and De Gruyter includes Sciendo. Given acquisition, I'm not sure the distinction between traditional publishers and open access publishers continues to be useful.

Publishers appear in alphabetic order. The table on the next page gives the list in order by number of articles in 2018. PLOS does not have ten DOAJ-listed journals; it would be fourth on the list and show article costs of \$1,727, with four largest and three large journals. In this table, unusually, no-fee percentages are of journals rather than articles, to highlight all-fee and no-fee cases, and abbreviated forms are used for three publisher names. (It just happens that there are precisely enough qualifying publishers to fit on one page. That will not be the case for the much longer list of university publishers with ten or more journals.)

In general, the same tables are used as for subject profiles, but publisher category is omitted (as irrelevant) and, instead of country of publication, subjects are shown. For all-fee and all-no-fee publishers, streamlined tables appear. In most cases (as room allows), the simplified start-date table also appears.



## Traditional/OA Publishers by Articles

<b>Publisher</b>	<b>Art</b>	<b>Jrn</b>	<b>%No-fee</b>	<b>\$/art</b>
SpringerNature	104,788	626	18%	\$2,293
MDPI AG	65,588	181	22%	\$1,412
Elsevier	36,154	370	50%	\$958
Hindawi Limited	21,056	228	0%	\$1,665
Wolters Kluwer	19,157	187	72%	\$837
EDP Sciences	18,408	23	43%	\$28
Wiley	12,430	88	7%	\$2,208
De Gruyter	8,738	374	79%	\$278
SAGE Publishing	7,966	146	11%	\$1,528
Dove Medical Press	6,934	100	0%	\$2,209
Taylor & Francis Group	6,502	138	15%	\$1,166
Copernicus Publications	5,493	38	26%	\$576
BMJ Publishing Group	4,043	16	0%	\$2,063
Karger Publishers	2,409	20	25%	\$2,070
JMIR Publications	1,486	12	0%	\$2,107
Pensoft Publishers	1,457	23	22%	\$601
AOSIS	1,269	35	31%	\$627
Termedia Publishing House	1,179	24	50%	\$193
PAGEPress Publications	1,122	46	41%	\$339
Galenos Yayinevi	1,036	20	100%	\$0
Ubiquity Press	828	39	23%	\$550
AIMS Press	429	16	31%	\$207
Emerald Publishing	409	20	95%	\$230
ABV-press	365	10	100%	\$0
Open Library of Humanities	245	16	100%	\$0
Zibeline International	186	16	100%	\$0
EAI	175	13	100%	\$0
European Medical Journal	160	12	100%	\$0
GERFLINT	153	20	100%	\$0
GMS Publishing House	132	11	82%	\$104

## ABV-press

Russia. No fees. Key facts: 10 journals, 365 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	10	9
Articles	365	390	345	342	313	305
Change	-6.4%	13.0%	0.9%	9.3%	2.6%	

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	80	22%	80
Small: 20-59	9	285	78%	32

Mostly small journals.

Started	2005-10	2011-14
Journals	2	8

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	8	80.0%
Shrank 25%+	2	20.0%

### Subjects

Subject	Articles	Art/Jrn
Medicine	365	37

### Comments

The simplest case: a small Russian medical publisher with no fees, with no recent startups, and with most journals on an even keel.

# AIMS Press

United States.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	16	429			\$207	-77%
Fee	11	300	70%	20%	\$296	-81%
No-fee	5	129	30%	-28%		

Mostly fee, mostly modest fees.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	16	13	11	9	1
Articles	429	486	410	351	113	6
%No-fee	30%	24%	12%	0%	0%	0%
Change	-11.7%	18.5%	16.8%	210.6%	1783.3%	

A young publisher in the 400-article range for the last three years.

## Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	1	60	0%	\$300
Small: 20-59	12	330	31%	\$206
Smallest: 0-19	3	39	67%	\$67

Mostly small journals; the size/cost correlation works here.

Journals	2011-14	2015-18
Fee	9	2
No-fee	0	5

	Journals	Articles	Revenue	\$/article
\$200-\$599	11	300	\$88,700	\$296
No fee	5	129		

Change 2017-18	Count	Percent
Grew 25%+	2	12.5%
Even, $\pm$ 24.99%	9	56.3%
Shrank 25%+	5	31.3%

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Biology	5	93	0%	\$286
Ecology	2	87	0%	\$300
Mathematics	2	71	100%	\$0
Medicine	3	66	24%	\$227
Technology	1	60	0%	\$300
Agriculture	1	32	100%	\$0
Earth Sciences	1	10	0%	\$300
Engineering	1	10	100%	\$0

**Comments**

A relatively young publisher with a broad range of mostly-small journals, with a consistent \$300 fee when there is a fee. The growing journals only began publishing articles in 2017; the declines are mostly in biology.

## AOSIS

South Africa.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	35	1,269			\$627	-31%
Fee	24	1,013	80%	37%	\$785	-50%
No-fee	11	256	20%	-52%		

Mostly medium-sized fees.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	35	35	35	33	31	31
Articles	1,269	1,398	1,350	1,194	1,346	1,292
%No-fee	20%	23%	22%	18%	26%	23%
Change	-9.2%	3.6%	13.1%	-11.3%	4.2%	

Except for 2015, within a narrow (129 article) range.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Large: 150-599	1	203	0%	\$886
Med.: 60-149	10	453	11%	\$656
Small: 20-59	20	564	33%	\$519
Smallest: 0-19	4	49	39%	\$515

Most journals are small, but most articles are in the two largest ones.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	7	6	8	2	1
No-fee	1	2	2	4	2

Fair number of early journals; growth has slowed since 2010.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$600-\$1.399	18	826	\$703,862	\$852
\$200-\$599	6	187	\$91,317	\$488
No fee	11	256		

No very high or very low fees.

Change 2017-18	Count	Percent
Grew 25%+	12	34.3%
Even, $\pm 24.99\%$	14	40.0%
Shrank 25%+	9	25.7%

Relatively volatile, with no obvious pattern.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	10	367	30%	\$621
Religion	3	312	0%	\$790
Economics	3	128	0%	\$745
Political Science	3	70	100%	\$0
Language & Literature	2	63	0%	\$663
Sociology	1	45	0%	\$747
Miscellany	1	43	0%	\$793
Zoology	2	41	49%	\$454
Education	2	40	25%	\$688
Biology	1	30	100%	\$0
Technology	1	23	0%	\$339
Media & Communications	1	22	0%	\$828
Computer Science	1	20	0%	\$537
Psychology	1	20	0%	\$756
Ecology	1	16	0%	\$761
Other Sciences	1	16	100%	\$0
Mathematics	1	13	0%	\$446

### Comments

A varied set of journals with no obvious defining characteristics except that most charge medium-sized fees.

## BMJ Publishing Group

United Kingdom. All high fees, all recent, almost all medicine. **\$2k Club**: one of six publishers with average article cost exceeding \$2,000.

	Journals	Articles	\$/Art	Rel%
All	16	4,043	\$2,063	126%

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	16	14	10	8	3
Articles	4,043	3,866	2,972	2,027	1,468	1,076
Change	4.6%	30.1%	46.6%	38.1%	36.4%	

Very rapid growth has slowed considerably.

### Additional Metrics

	Journals	Articles	\$/article	Art/J
Largest: 600+	1	2,603	\$1,783	2,603
Large: 150-599	3	594	\$3,013	198
Med.: 60-149	7	669	\$2,313	96
Small: 20-59	5	177	\$2,049	35

The largest journal is *least* expensive, but still very expensive.

Started	2011-14	2015-18
Journals	7	9

All recent, most quite recent.

	Journals	Articles	Revenue	\$/article
\$1,400+	16	4,043	\$8,340,532	\$2,063

The lowest fee is more than \$1,600.

Change 2017-18	Count	Percent
Grew 25%+	6	37.5%
Even, $\pm 24.99\%$	9	56.3%
Shrank 25%+	1	6.3%

### Subjects

Subject	Jour.	Art.	\$/article	Art/J
Medicine	15	4,018	\$2,065	268
Zoology	1	25	\$1,783	25

## Copernicus Publications

Germany.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	38	5,493			\$576	-37%
Fee	28	3,928	72%	23%	\$805	-49%
No-fee	10	1,565	28%	-32%		

Mostly medium-priced fee journals.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	37	37	37	36	33	31
Articles	5,493	4,598	5,289	5,005	4,070	4,216
%No-fee	28%	32%	34%	26%	19%	24%
Change	19.5%	-13.1%	5.7%	23.0%	-3.5%	

Volatile, but currently growing.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	2	2,048	53%	\$407
Large: 150-599	10	2,476	10%	\$737
Med.: 60-149	9	659	19%	\$619
Small: 20-59	10	267	31%	\$326
Smallest: 0-19	7	43	67%	\$200

The only appropriate description is diverse.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	4	6	10	6	2
No-fee	1	2	4	1	2

Early beginnings, few new journals since 2010.

	Journals	Articles	Revenue	\$/article
\$600-\$1.399	22	3,627	\$3,085,340	\$851
\$200-\$599	4	135	\$49,132	\$364
\$0.01-\$199	2	166	\$27,432	\$165
No fee	10	1,565		

No very expensive journals, but mostly high-medium.



Change 2017-18	Count	Percent
Grew 25%+	18	47.4%
Even, $\pm 24.99\%$	12	31.6%
Shrank 25%+	8	21.1%

Here again, volatile and diverse seem to be appropriate.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Earth Sciences	22	2,674	49%	\$391
Ecology	8	2,369	1%	\$858
Technology	2	274	89%	\$33
Engineering	4	126	6%	\$506
Zoology	1	48	0%	\$185
Biology	1	2	0%	\$617

Primarily earth sciences (and related fields). No medical journals.

### Comments

Wrapping up, these are somewhat volatile, mostly medium-high priced journals mostly related to the earth (and skies) and its ecology.

## De Gruyter

Mostly Poland. Includes Sciendo. Broad range of subjects.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	374	8,738			\$278	-70%
Fee	79	3,723	43%	-27%	\$653	-58%
No-fee	295	5,015	57%	37%		

No-fee journals predominate, and include a small majority of articles.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	314	357	345	325	278	235
Articles	8,738	10,422	9,627	8,547	7,665	7,162
%No-fee	57%	62%	66%	66%	62%	58%
Change	-16.2%	8.3%	12.6%	11.5%	7.0%	

Significant decline after four years of growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	9	1,153	1%	\$920
Med.: 60-149	47	2,469	34%	\$424
Small: 20-59	199	4,284	79%	\$70
Smallest: 0-19	119	832	95%	\$24

Typical price/volume correlation, with no very large journals.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	1	19	31	27
No-fee	4	3	83	132	73

Most new journals 2005-2014, but continuing stream.

	Journals	Articles	Revenue	\$/article
\$1,400+	5	336	\$635,529	\$1,891
\$600-\$1,399	13	951	\$1,045,102	\$1,099
\$200-\$599	25	1,482	\$666,432	\$450
\$0.01-\$199	36	954	\$82,761	\$87
No fee	295	5,015		

Change 2017-18	Count	Percent
Grew 25%+	52	13.9%
Even, $\pm 24.99\%$	193	51.6%
Shrank 25%+	129	34.5%

Much more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	40	1,284	57%	\$357
Chemistry	12	841	12%	\$546
Agriculture	33	741	68%	\$158
Engineering	27	736	52%	\$254
Economics	33	723	70%	\$50
Mathematics	23	576	44%	\$457
Physics	11	472	31%	\$963
Ecology	21	432	74%	\$35
Earth Sciences	21	425	74%	\$247
Zoology	13	325	55%	\$92
Biology	16	314	49%	\$476
Anthropology	12	308	46%	\$157
Language & Literature	22	267	80%	\$80
Sociology	12	233	66%	\$181
Political Science	15	225	100%	\$0
Computer Science	9	196	100%	\$0
Technology	15	134	100%	\$0
Law	7	89	100%	\$0
Arts & Architecture	6	81	56%	\$25
Religion	4	77	32%	\$379
Other Sciences	2	58	12%	\$178
Philosophy	4	55	100%	\$0
Education	7	53	91%	\$10
Media & Communications	3	31	100%	\$0
Psychology	2	25	100%	\$0
Miscellany	1	23	100%	\$0
Library Science	1	14	100%	\$0
History	2	0		

## Dove Medical Press

United Kingdom. All fee journals. All high fees. **Key facts:** 100 journals; 6,934 articles in 2018; \$2,209 cost per article (\$15,318,628 revenue). **\$2k Club:** One of six publishers with average costs exceeding \$2,000 per article.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	89	92	99	100	100	96
Articles	6,934	5,320	5,349	5,214	4,209	3,327
Change	30.3%	-0.5%	2.6%	23.9%	26.5%	

Rapid growth after two level years.

### Additional Metrics

	Journals	Articles	\$/article	Art/J
Largest: 600+	3	2,152	\$2,310	717
Large: 150-599	10	3,021	\$2,272	302
Med.: 60-149	11	801	\$2,025	73
Small: 20-59	31	730	\$1,952	24
Smallest: 0-19	45	230	\$1,903	5

Very narrow cost/volume correlation.

Started	2005-10	2011-14	2015-18
Journals	72	27	1

Mostly 2005-10. (Fee/revenue table redundant: see key facts.)

Change 2017-18	Count	Percent
Grew 25%+	33	33.0%
Even, $\pm 24.99\%$	40	40.0%
Shrank 25%+	27	27.0%

Volatile, with more growing than shrinking,

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>\$/article</b>	<b>Art/J</b>
Medicine	90	6,861	\$2,212	76
Biology	6	31	\$1,918	5
Anthropology	1	28	\$1,958	28
Zoology	1	9	\$1,958	9
Technology	1	3	\$1,958	3
Agriculture	1	2	\$1,780	2

**Comments**

With 99% of all articles in biomed, this is a medical publisher with a few outlying journals. (The single non-biomed journal with more than nine articles is in sports medicine, grouped with anthropology. The zoology journal is in veterinary medicine.)

The publisher has trimmed its title list: at least ten journals are marked as ceased.

## EDP Sciences

France.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	23	18,408			\$28	-97%
Fee	13	310	2%	-97%	\$1,684	7%
No-fee	10	18,098	98%	135%		

How can fee journals be the majority but only 2% of articles? You'll see.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	22	23	23	21	19	15
Articles	18,408	10,239	7,869	3,422	3,309	2,855
%No-fee	98%	97%	96%	93%	94%	95%
Change	79.8%	30.1%	130.0%	3.4%	15.9%	

Growing rapidly in recent years.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Largest: 600+	4	17,318	100%	\$0
Large: 150-599	2	535	100%	\$0
Med.: 60-149	6	381	51%	\$822
Small: 20-59	5	138	36%	\$1,074
Smallest: 0-19	6	36	0%	\$1,684

Reverse correlation. If you haven't figured it out yet, see Comments.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	0	0	8	5
No-fee	3	1	1	5	0

Mostly but not all recent.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$1,400+	13	310	\$522,133	\$1,684
No fee	10	18,098		

Either free or expensive.

Change 2017-18	Count	Percent
Grew 25%+	8	34.8%
Even, $\pm 24.99\%$	10	43.5%
Shrank 25%+	5	21.7%

Volatile, with more growth than shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Technology	3	10,176	100%	\$3
Ecology	3	3,729	100%	\$8
Physics	3	2,491	100%	\$8
Other Sciences	1	1,271	100%	\$0
Biology	1	231	100%	\$0
Medicine	4	172	26%	\$1,253
Chemistry	2	151	100%	\$0
Engineering	4	77	0%	\$1,684
Earth Sciences	1	60	0%	\$1,684
Agriculture	1	50	100%	\$0

### Comments

The key to this seemingly peculiar profile is Web of Conferences: journals with variations on that name account for almost all articles, and those journals are paid for at the conference rather than article level.

## Elsevier

Includes KeAi, Netherlands and quite a few other countries.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	370	36,154			\$958	5%
Fee	185	20,035	55%	-5%	\$1,730	10%
No-fee	185	16,119	45%	7%		

Exact 50/50 split on fee/no-fee journals, but more fee articles.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	350	355	350	300	245	164
Articles	36,154	29,095	25,356	20,811	15,828	9,740
%No-fee	45%	46%	48%	47%	56%	57%
Change	24.3%	14.7%	21.8%	31.5%	62.5%	

Significant growth every year, as no-fee percentage slowly shrinks.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Largest: 600+	7	5,920	29%	\$1,682
Large: 150-599	69	14,503	39%	\$998
Med.: 60-149	126	10,636	56%	\$656
Small: 20-59	145	4,893	55%	\$624
Smallest: 0-19	23	202	36%	\$928

Typical cost/volume correlation except at the bottom.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	2	3	13	84	83
No-fee	8	7	38	78	54

Mostly recent, and with lots of very recent journals.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$1,400+	92	9,365	\$27,047,669	\$2,888
\$600-\$1,399	58	5,965	\$5,466,169	\$916
\$200-\$599	31	4,494	\$2,123,825	\$473
\$0.01-\$199	4	211	\$15,623	\$74
No fee	185	16,119		



Change 2017-18	Count	Percent
Grew 25%+	159	43.0%
Even, $\pm 24.99\%$	173	46.8%
Shrank 25%+	38	10.3%

Volatile, with four times as much growth as shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	189	17,711	48%	\$879
Biology	19	3,274	15%	\$3,354
Computer Science	10	2,676	13%	\$869
Engineering	21	2,308	27%	\$447
Physics	8	2,119	60%	\$373
Earth Sciences	20	1,590	86%	\$204
Technology	13	958	63%	\$418
Agriculture	14	853	55%	\$281
Sociology	4	780	25%	\$942
Ecology	12	729	37%	\$1,477
Other Sciences	8	693	52%	\$231
Arts & Architecture	5	588	27%	\$1,013
Zoology	7	372	59%	\$471
Economics	14	319	92%	\$29
Chemistry	4	286	97%	\$38
Anthropology	4	196	87%	\$128
Political Science	2	169	100%	\$0
Mathematics	4	160	72%	\$309
Education	2	147	84%	\$188
Religion	3	117	100%	\$0
Media & Communications	1	57	0%	\$1,950
Psychology	5	48	38%	\$281
Language & Literature	1	4	0%	\$600

The biology figure is a bit astonishing, especially with 15% no-fee.

## Emerald Publishing

United Kingdom.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	20	409			\$230	-75%
Fee	1	47	11%	-80%	\$2,000	27%
No-fee	19	362	89%	111%		

Since there's only one \$2,000 fee journal with 47 articles, the fees & revenue table is redundant.

### Articles and Journals by Year

	2018	2017	2016	2015	2014
Journals	20	14	5	4	2
Articles	409	239	70	70	14
%No-fee	89%	100%	100%	100%	100%
Change	71.1%	241.4%	0.0%	400.0%	

None of the journals showed any OA articles in 2013.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	11	311	85%	\$302
Smallest: 0-19	9	98	100%	\$0

All small.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	0	0	1
No-fee	1	2	1	1	14

Mostly very recent—as the by-year table suggests.

Change 2017-18	Count	Percent
Grew 25%+	7	35.0%
Even, $\pm$ 24.99%	10	50.0%
Shrank 25%+	3	15.0%

Much more growth than shrinkage, noting that a new journal counts as growth.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Economics	10	183	100%	\$0
Medicine	2	62	100%	\$0
Ecology	1	47	0%	\$2,000
Anthropology	1	36	100%	\$0
Education	3	28	100%	\$0
Religion	1	22	100%	\$0
Engineering	1	21	100%	\$0
Political Science	1	10	100%	\$0

**Comments**

Emerald is mostly a recent entry into OA—and mostly in economics.

## European Alliance for Innovation (EAI)

Belgium. No fees. **Key facts:** 13 journals, 173 articles in 2018, all started 2011-2014.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	13	13	13	11	7
Articles	175	205	265	237	108	39
Change	-14.6%	-22.6%	11.8%	119.4%	176.9%	

Dwindling since 2016.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	67	38%	67
Small: 20-59	11	91	52%	8
Smallest: 0-19	1	17	10%	17

Mostly small.

Change 2017-18	Count	Percent
Grew 25%+	4	30.7%
Shrank 25%+	9	69.2%

Extremely volatile, with no stable journals, mostly shrinking.

### Subjects

Subject	Journals	Articles	Art/Jrn
Technology	6	97	16
Economics	1	29	29
Computer Science	3	22	7
Education	2	16	8
Medicine	1	11	11

### Comments

These are all "EIA Endorsed Transactions on..." titles.

## European Medical Journal

United Kingdom. All medical, no fees, ten began 2010-2014, two 2015-2018. Key facts: 12 journals, 160 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	12	12	12	12	10	8
Articles	160	169	162	170	101	69
Change	-5.3%	4.3%	-4.7%	68.3%	46.4%	

Essentially flat overall since 2015.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	3	35	22%	12
Smallest: 0-19	9	125	78%	14

Change 2017-18	Count	Percent
Grew 25%+	4	33.3%
Even, $\pm 24.99\%$	5	41.7%
Shrank 25%+	3	25.0%

### Comments

These very small journals have titles that make them appear to be disease or specialty subject portions of a single medium-sized journal, *European Medical Journal*.

## Galenos Yayinevi

Turkey. All medical, no fees. **Key facts:** 20 journals, 1,036 articles in 2018. *Note:* It is likely that one more journal, also no-fee medical, is actually from this publishing house with a different publisher name in DOAJ. That journal published 88 articles in 2018; 89 in 2017; 129 in 2016; 84 in 2015; 78 in 2014; and 104 in 2013.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	20	20	20	20	20	16
Articles	1,036	930	874	924	939	779
Change	11.4%	6.4%	-5.4%	-1.6%	20.5%	

Reasonable growth for the past two years.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	9	645	62%	72
Small: 20-59	11	391	38%	36

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	9	3	6	0

Change 2017-18	Count	Percent
Grew 25%+	5	25.0%
Even, $\pm 24.99\%$	14	70.0%
Shrank 25%+	1	5.0%

Mostly stable, with growth vastly outnumbering shrinkage.

### Comments

Not much to say: a small Turkish publishing house with twenty (or 21) small or medium-sized medical journals, all no-fee, currently growing.

## German Medical Science GMS Publishing House

Germany.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	11	132			\$104	-89%
Fee	2	61	46%	-21%	\$224	-86%
No-fee	9	71	54%	29%		

Even the fee journals have very modest fees.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	10	10
Articles	132	209	201	179	145	164
%No-fee	54%	67%	62%	69%	88%	84%
Change	-36.8%	4.0%	12.3%	23.4%	-11.6%	

Declined sharply in 2018, to below 2013 levels.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	1	61	0%	\$224
Small: 20-59	6	51	100%	\$0
Smallest: 0-19	4	20	100%	\$0

Here and in the Subject list, an apparent discrepancy is because one fee journal hasn't published since 2015 (or now publishes under a different title).

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	0	2	0	0
No-fee	1	3	5	0

No recent new journals.

	Journals	Articles	Revenue	\$/article
\$200-\$599	2	61	\$13,691	\$224
No fee	9	71		

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	4	36.4%
Shrank 25%+	7	64.6%

No growth, lots of shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Education	1	61	0%	\$224
Medicine	9	47	100%	\$0
Library Science	1	24	100%	\$0

### Comment

Because there are so many medical journals, I've tended to choose the other subject when a journal appears to be about "medical X." In this case, the only medium-size journal is about medical education, and one journal appears to be about medical librarianship: this is, indeed, a medical publisher.



## Groupe d'Etudes et de Recherches pour le Français Langue Internationale (GERFLINT)

France. No fees. All language & literature. **Key facts:** 20 journals with a total of 153 articles in 2018.

These journals all have similar titles: *Synergies X*, where is the French name for a country, region or other grouping (e.g., *Synergies Pays Riverains du Mékong*).

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	17	17	17	16	17
Articles	153	202	201	196	188	233
Change	-24.3%	0.5%	2.6%	4.3%	-19.3%	

Currently declining; these journals tend to be volatile.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	2	17	11%	9
Smallest: 0-19	18	136	89%	8

Reminder: the two small journals had at least 20 articles at some point 2013-2018.

Started	1999-2004	2005-10	2011-14	2015-18
Journals	1	14	5	0

It appears that no Francophone groups have emerged since 2015.

Change 2017-18	Count	Percent
Grew 25%+	6	30.0%
Even, ±24.99%	5	25.0%
Shrank 25%+	9	45.0%

As already noted, these journals tend to be volatile.

## Hindawi Limited

United Kingdom.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	228	21,056			\$1,665	82%
Fee	227	20,872	99%	70%	\$1,680	7%
No-fee	1	184	1%	-98%		

One physics journal keeps Hindawi from being all-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	227	227	218	219	219	214
Articles	21,056	16,481	17,691	20,703	24,853	21,052
%No-fee	1%	1%	1%	1%	1%	1%
Change	27.8%	-6.8%	-14.5%	-16.7%	18.1%	

Coming back after three down years.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Largest: 600+	13	8,039	0%	\$2,024
Large: 150-599	32	6,870	3%	\$1,758
Med.: 60-149	44	3,323	0%	\$1,207
Small: 20-59	122	2,669	0%	\$961
Smallest: 0-19	17	155	0%	\$895

Fairly common cost/volume correlation: smaller journals, lower fees.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	21	9	115	73	9
No-fee	0	0	1	0	0

Very active 2005-2014, few newer journals.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$1,400+	50	15,300	\$30,187,390	\$1,973
\$600-\$1,399	145	3,558	\$3,717,190	\$1,045
\$200-\$599	32	2,014	\$1,158,050	\$575
No fee	1	184		

Mostly mid-priced, with no nominal fees.

Change 2017-18	Count	Percent
Grew 25%+	111	48.7%
Even, $\pm 24.99\%$	88	38.6%
Shrank 25%+	29	12.7%

Volatile, but with much more growth than shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	125	7,646	0%	\$1,392
Biology	17	3,280	0%	\$1,932
Mathematics	11	2,662	0%	\$1,984
Physics	10	1,767	10%	\$1,716
Engineering	15	1,579	0%	\$1,738
Technology	6	1,066	0%	\$1,940
Computer Science	13	959	0%	\$1,649
Chemistry	6	684	0%	\$1,587
Earth Sciences	4	568	0%	\$1,851
Agriculture	7	343	0%	\$1,458
Sociology	2	264	0%	\$2,060
Other Sciences	2	107	0%	\$843
Zoology	5	63	0%	\$750
Ecology	2	28	0%	\$775
Education	1	23	0%	\$1,025
Media & Communications	1	9	0%	\$1,025
Anthropology	1	8	0%	\$775

### Comments

Hindawi is primarily a biomed and STEM publisher, with only five journals (and less than 1.5% of 2018 articles) in H&SS.

## JMIR Publications

Canada. All journals have fees. **\$2k Club**: one of six publishers with average cost per article over \$2,000.

	Journals	Articles	\$/Art	Rel%
All	12	1,486	\$2,107	131%

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	12	12	12	12	9	6
Articles	1,486	1,199	1,011	689	373	335
Change	23.9%	18.6%	46.7%	84.7%	11.3%	

Significant growth every year.

### Additional Metrics

	Journals	Articles	\$/article	Art/J
Large: 150-599	4	1,176	\$2,217	294
Med.: 60-149	2	146	\$1,818	73
Small: 20-59	5	154	\$1,583	31
Smallest: 0-19	1	10	\$1,500	10

The typical cost/volume correlation, at very high fees.

Started	1999-2004	2005-10	2011-14	2015-18
Journals	1	0	8	3

	Journals	Articles	Revenue	\$/article
\$1,400+	12	1,486	\$3,131,530	\$2,107

Change 2017-18	Count	Percent
Grew 25%+	12	41.7%
Even, $\pm 24.99\%$	5	58.3%

All stable or growing.

**Subjects**

Subject	Jour.	Art.	\$/article	Art/J
Medicine	9	1,308	\$2,145	145
Computer Science	2	98	\$1,900	49
Psychology	1	80	\$1,750	80

One of the two computer science journals is on medical informatics.

**Comment**

The starting date table shows the story here: until 2012, there was only the *Journal of Medical Internet Research*, and all but one of the newer titles begins “JMIR.”

## Karger Publishers

Switzerland. **\$2k Club**: One of six publishers with an average cost per article exceeding \$2,000.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	20	2,409			\$2,070	127%
Fee	15	2,233	93%	59%	\$2,233	42%
No-fee	5	176	7%	-83%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	18	19	18	15	15	13
Articles	2,409	1,885	1,503	1,184	1,087	892
%No-fee	7%	13%	14%	5%	4%	3%
Change	27.8%	25.4%	26.9%	8.9%	21.9%	

Growth every year, substantial growth except in 2015.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	1	1,410	0%	\$2,913
Large: 150-599	2	310	0%	\$1,025
Med.: 60-149	6	477	35%	\$768
Small: 20-59	11	212	5%	\$924

The typical cost/volume correlation except for small journals.

Journals	2005-10	2011-14	2015-18
Fee	6	8	1
No-fee	0	4	1

	Journals	Articles	Revenue	\$/article
\$1,400+	4	1,509	\$4,335,763	\$2,873
\$600-\$1,399	9	685	\$637,604	\$931
\$200-\$599	2	39	\$13,858	\$355
No fee	5	176		

Change 2017-18	Count	Percent
Grew 25%+	4	20.0%
Even, $\pm 24.99\%$	10	50.0%
Shrank 25%+	6	30.0%

Half stable, but with more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Biology	1	1,410	0%	\$2,913
Medicine	19	999	18%	\$881

### Comment

Exclusively biomed—just as most \$2k Club members are mostly or entirely biomed.

MDPI AG

Switzerland (and occasionally other countries).

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	181	65,588			\$1,412	55%
Fee	141	62,211	95%	63%	\$1,489	-5%
No-fee	40	3,377	5%	-88%		

Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	179	177	157	142	128	115
Articles	65,588	36,214	23,638	17,208	12,482	9,088
%No-fee	5%	5%	2%	1%	2%	1%
Change	81.1%	53.2%	37.4%	37.9%	37.3%	

Growing very rapidly the past two years, after years of solid growth.

Additional Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	23	45,386	3%	\$1,688
Large: 150-599	34	10,654	0%	\$1,148
Med.: 60-149	80	7,729	16%	\$446
Small: 20-59	43	1,812	54%	\$172
Smallest: 0-19	1	7	100%	\$0

Classic correlation between cost and volume.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	2	6	26	90	17
No-fee	0	0	2	3	35

Most journals have emerged within the past decade.

	Journals	Articles	Revenue	\$/article
\$1,400+	31	48,646	\$84,003,373	\$1,727
\$600-\$1.399	32	5,780	\$5,252,939	\$909
\$200-\$599	78	7,785	\$3,369,866	\$433
No fee	40	3,377		

Like some other mostly-fee publishers, MDPI doesn't do nominal fees.



Change 2017-18	Count	Percent
Grew 25%+	159	87.8%
Even, $\pm 24.99\%$	21	11.6%
Shrank 25%+	1	0.6%

Predominantly growing fairly rapidly.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Chemistry	21	11,762	2%	\$1,610
Ecology	7	10,087	1%	\$1,667
Physics	17	8,213	3%	\$1,509
Technology	12	5,265	7%	\$1,581
Engineering	6	4,540	1%	\$1,634
Earth Sciences	9	4,254	1%	\$1,368
Medicine	29	4,049	6%	\$929
Agriculture	9	3,928	1%	\$1,570
Biology	20	3,898	4%	\$1,478
Other Sciences	7	3,374	5%	\$1,352
Miscellany	4	1,692	67%	\$115
Mathematics	6	814	5%	\$707
Computer Science	7	738	0%	\$775
Economics	6	589	12%	\$345
Zoology	4	588	8%	\$807
Religion	1	421	0%	\$553
Anthropology	4	384	54%	\$162
Arts & Architecture	2	286	36%	\$418
Sociology	3	242	0%	\$352
Education	1	220	0%	\$553
Library Science	2	90	54%	\$228
Law	2	63	40%	\$212
Language & Literature	1	46	100%	\$0
Philosophy	1	45	100%	\$0

A scattering of H&SS journals (21), but mostly STEM and biomed.

## Open Library of Humanities

United Kingdom. No fees. All H&SS. **Key facts:** 16 journals with 245 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	13	12	10	8	9
Articles	245	188	186	113	125	134
Change	30.3%	1.1%	64.6%	-9.6%	-6.7%	

Solid growth in two of the past three years.

### Journal-based Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	80	33%	80
Small: 20-59	6	86	35%	14
Smallest: 0-19	9	79	32%	9

Humanities journals tend to be on the small side.

Started	2005-10	2011-14	2015-18
Journals	2	3	11

Most OLH journals are quite young.

Change 2017-18	Count	Percent
Grew 25%+	6	37.5%
Even, $\pm 24.99\%$	7	43.8%
Shrank 25%+	3	18.8%

Mostly stable or growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Miscellany	3	105	35
Language & Literature	7	77	11
History	2	22	11
Arts & Architecture	1	12	12
Sociology	1	11	11
Anthropology	1	9	9
Philosophy	1	9	9

## PAGEPress Publications

Italy.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	46	1,122			\$339	-63%
Fee	27	729	65%	12%	\$522	-67%
No-fee	19	393	35%	-16%		

Two-thirds fee, mostly moderate.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	41	42	45	46	45	44
Articles	1,122	1,129	1,150	983	1,316	1,585
%No-fee	35%	36%	35%	33%	32%	44%
Change	-0.6%	-1.8%	17.0%	-25.3%	-17.0%	

Basically flat after partial recovery in 2016, still below 2013.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	50	100%	\$0
Med.: 60-149	6	343	20%	\$461
Small: 20-59	27	660	35%	\$317
Smallest: 0-19	12	69	64%	\$200

Mostly small, and cost/volume correlation for journals with fees.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	1	18	8	0
No-fee	2	5	10	2

No pioneers; most new journals 2005-2014.

	Journals	Articles	Revenue	\$/article
\$600-\$1.399	11	243	\$184,639	\$760
\$200-\$599	16	486	\$196,250	\$404
No fee	19	393		

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	11	23.9%
Even, $\pm 24.99\%$	23	50.0%
Shrank 25%+	12	26.1%

One more shrinking than growing, with a solid stable core.

### **Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Medicine	28	758	38%	\$294
Earth Sciences	4	91	47%	\$444
Ecology	1	70	0%	\$561
Agriculture	3	69	0%	\$403
Zoology	5	58	83%	\$48
Chemistry	1	46	0%	\$954
Biology	3	24	21%	\$160
Psychology	1	6	100%	\$0

Entirely STEM and biomed except for one very small, no-fee journal.

## Pensoft Publishers

Bulgaria.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	23	1,457			\$601	-34%
Fee	18	1,372	94%	62%	\$639	-59%
No-fee	5	85	6%	-86%		

Almost all articles in medium-fee journals.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	23	23	19	15	15	12
Articles	1,457	1,471	1,591	953	1,195	1,051
%No-fee	6%	4%	3%	2%	3%	2%
Change	-1.0%	-7.5%	66.9%	-20.3%	13.7%	

Slow decline after a 2016 peak.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Large: 150-599	2	747	0%	\$658
Med.: 60-149	5	365	0%	\$704
Small: 20-59	10	268	16%	\$423
Smallest: 0-19	6	77	56%	\$182

No cost/volume correlation.

<b>Journals</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	6	8	4
No-fee	0	2	3

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$600-\$1.399	5	865	\$708,921	\$820
\$200-\$599	11	330	\$137,837	\$418
\$0.01-\$199	2	177	\$29,373	\$166
No fee	5	85		

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	5	21.7%
Even, $\pm 24.99\%$	13	56.5%
Shrank 25%+	5	21.7%

Mostly stable with balanced growth and shrinkage.

### **Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Zoology	10	817	2%	\$681
Biology	6	291	12%	\$247
Agriculture	3	225	7%	\$822
Ecology	3	88	16%	\$580
Other Sciences	1	36	0%	\$333

### **Comment**

A small publisher with a varied set of journals, mostly in what could be called the life sciences.

## SAGE Publishing

United Kingdom and United States.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	146	7,966			\$1,528	67%
Fee	130	7,562	95%	63%	\$1,610	3%
No-fee	16	404	5%	-88%		

Predominantly fees, high but not in the \$2k Club.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	139	140	132	125	116	101
Articles	7,966	8,392	6,140	6,098	5,183	4,729
%No-fee	5%	4%	5%	3%	3%	3%
Change	-5.1%	36.7%	0.7%	17.7%	9.6%	

Mixed results, shrinking slightly after strong 2017.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	4	1,666	0%	\$1,679
Large: 150-599	9	1,996	0%	\$2,076
Med.: 60-149	33	2,452	3%	\$1,308
Small: 20-59	59	1,587	19%	\$1,045
Smallest: 0-19	41	265	12%	\$1,382

Not the usual cost/volume correlation.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	8	61	29	32
No-fee	1	4	3	8

Large group of new journals 2005-10, basically equaled 2011-18.

	Journals	Articles	Revenue	\$/article
\$1,400+	76	4,197	\$9,131,771	\$2,176
\$600-\$1,399	49	2,922	\$2,876,521	\$984
\$200-\$599	5	443	\$164,817	\$372
No fee	16	404		

As is frequently the case, no nominal fees.

Change 2017-18	Count	Percent
Grew 25%+	46	31.5%
Even, $\pm 24.99\%$	57	39.0%
Shrank 25%+	43	29.5%

Volatile, with slightly more growth than shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	102	5,070	5%	\$1,668
Engineering	3	852	0%	\$1,946
Computer Science	2	524	0%	\$1,646
Miscellany	1	262	0%	\$395
Sociology	4	216	30%	\$916
Psychology	4	180	0%	\$740
Media & Communications	2	133	17%	\$209
Biology	11	120	0%	\$1,859
Chemistry	2	113	0%	\$942
Ecology	2	101	0%	\$853
Mathematics	2	71	0%	\$993
Zoology	2	68	0%	\$658
Education	1	57	0%	\$700
Political Science	1	57	100%	\$0
Technology	2	46	0%	\$874
Other Sciences	1	40	0%	\$2,000
Physics	1	30	0%	\$1,200
Philosophy	1	21	100%	\$0
Agriculture	1	5	0%	\$1,500
Earth Sciences	1	0		

A broad range of journals, but still mostly medical.



## SpringerNature

I guess this heading should be Holtzbrink, since I'm including not only BMC/BioMedCentral but also Frontiers, which has not been folded into SpringerNature. United Kingdom, United States, Switzerland, Germany and elsewhere. **\$2k Club**: not only one of six publishers with average article costs more than \$2,000, but the highest average cost of any publisher in this section—and considerably larger than the other five put together.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	626	104,788			\$2,293	151%
Fee	515	97,408	93%	60%	\$2,467	57%
No-fee	111	7,380	7%	-83%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	618	608	586	539	476	403
Articles	104,788	96,496	84,102	73,096	64,578	47,063
%No-fee	7%	7%	7%	8%	8%	5%
Change	8.6%	14.7%	15.1%	13.2%	37.2%	

Growing every year, if at a slightly slower rate in 2018.

### Journal-based Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	34	58,694	5%	\$2,504
Large: 150-599	113	26,742	2%	\$2,225
Med.: 60-149	142	10,618	11%	\$1,948
Small: 20-59	264	7,960	27%	\$1,537
Smallest: 0-19	73	774	33%	\$1,134

The cost/volume correlation is there, at very high costs.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	3	113	117	166	116
No-fee	1	1	8	58	43

Few pioneers, steady stream of new journals ever since.

	Journals	Articles	Revenue	\$/article
\$1,400+	435	93,570	\$235,746,423	\$2,519
\$600-\$1.399	80	3,838	\$4,519,200	\$1,177
No fee	111	7,380	\$0	\$0

Not only no nominal fees, but also no moderate/medium fees.

Change 2017-18	Count	Percent
Grew 25%+	221	35.3%
Even, $\pm 24.99\%$	312	49.8%
Shrank 25%+	93	14.9%

Lots of growth, very little shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	304	47,614	2%	\$2,433
Other Sciences	7	24,112	0%	\$2,568
Biology	72	11,306	2%	\$2,493
Physics	21	4,575	75%	\$568
Agriculture	13	3,047	3%	\$2,575
Psychology	5	2,907	0%	\$2,877
Earth Sciences	23	1,853	27%	\$1,359
Zoology	17	1,437	13%	\$1,718
Mathematics	15	1,294	10%	\$1,217
Ecology	21	1,234	35%	\$1,213
Chemistry	11	1,144	14%	\$2,059
Engineering	21	1,064	53%	\$930
Technology	11	992	5%	\$1,931
Computer Science	23	622	12%	\$1,273
Education	14	414	43%	\$703
Economics	18	383	59%	\$531
Anthropology	5	162	9%	\$1,855
Law	3	118	63%	\$432
Miscellany	3	118	0%	\$1,389
Sociology	8	114	53%	\$454
Philosophy	3	108	0%	\$1,922

Subject	Jour.	Art.	%No-fee	\$/article
Language & Literature	4	65	29%	\$1,176
Media & Communications	1	58	0%	\$950
Arts & Architecture	2	32	28%	\$704
Political Science	1	15	100%	\$0

### Comment

While this group has journals pretty much across the board, it's still mostly a biomed publisher—with more than twice as many medical articles as the next largest in this section. Note that “Other Sciences” includes megajournals, of which SpringerNature has two (although only one fits my narrow 10,000-article definition, the other makes up for it by having an extraordinarily high fee).

## Taylor & Francis Group

United Kingdom.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	138	6,502			\$1,166	28%
Fee	117	5,922	91%	57%	\$1,280	-18%
No-fee	21	580	9%	-79%		

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	133	127	110	97	81	63
Articles	6,502	6,250	5,543	3,837	3,223	2,518
%No-fee	9%	10%	9%	11%	12%	11%
Change	4.0%	12.8%	44.5%	19.1%	28.0%	

Growth every year, albeit slower.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Large: 150-599	12	1,784	0%	\$1,537
Med.: 60-149	41	2,951	6%	\$1,102
Small: 20-59	57	1,552	24%	\$895
Smallest: 0-19	28	215	17%	\$930

No very large journals, and no clean cost/volume correlation.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	1	6	11	37	62
No-fee	2	0	7	4	8

Most growth is quite recent.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$1,400+	30	1,848	\$3,449,639	\$1,867
\$600-\$1,399	81	3,875	\$4,036,339	\$1,042
\$200-\$599	6	199	\$95,970	\$482
No fee	21	580		

Change 2017-18	Count	Percent
Grew 25%+	32	23.2%
Even, $\pm 24.99\%$	65	47.1%
Shrank 25%+	41	29.7%

More shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	33	1,814	10%	\$1,427
Agriculture	8	691	5%	\$1,317
Biology	9	450	0%	\$1,482
Engineering	5	450	0%	\$1,231
Zoology	4	442	0%	\$823
Earth Sciences	11	441	7%	\$828
Education	7	310	17%	\$1,179
Ecology	9	309	16%	\$816
Economics	5	245	2%	\$1,287
Physics	7	208	9%	\$783
Sociology	5	191	0%	\$1,169
Other Sciences	3	166	0%	\$974
Computer Science	3	158	0%	\$1,129
Mathematics	5	132	21%	\$895
Arts & Architecture	1	98	0%	\$1,350
Miscellany	2	87	34%	\$884
Technology	6	85	54%	\$416
Political Science	5	78	91%	\$127
Chemistry	5	71	0%	\$1,123
Law	1	39	100%	\$0
Religion	1	33	0%	\$565
Anthropology	1	2	0%	\$925
Language & Literature	1	1	100%	\$0
Psychology	1	1	0%	\$600

Broad subject coverage. Biomed's most expensive, which is not unusual.

## Termedia Publishing House

Poland.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	24	1,179			\$193	-79%
Fee	12	720	61%	5%	\$316	-80%
No-fee	12	459	39%	-7%		

Half the journals are no-fee, but only about four of ten articles.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	22	24	24	23	23	21
Articles	1,179	1,218	1,219	1,153	1,197	1,121
%No-fee	39%	42%	42%	36%	36%	37%
Change	-3.2%	-0.1%	5.7%	-3.7%	6.8%	

Essentially flat: only 97 articles from lowest to highest.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	12	827	34%	\$233
Small: 20-59	12	352	51%	\$99

Low fees in any case.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	4	5	2	0
No-fee	1	0	6	4	1

	Journals	Articles	Revenue	\$/article
\$600-\$1.399	1	83	\$65,201	\$786
\$200-\$599	6	391	\$128,976	\$330
\$0.01-\$199	5	246	\$33,555	\$136
No fee	12	459		

Atypical, with few high-fee articles and mostly low or nominal.

Change 2017-18	Count	Percent
Grew 25%+	1	4.2%
Even, $\pm 24.99\%$	21	87.5%
Shrank 25%+	2	8.3%

Extremely stable set of journals.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	19	1,016	34%	\$212
Psychology	2	64	100%	\$0
Anthropology	1	48	0%	\$250
Biology	1	31	100%	\$0
Law	1	20	100%	\$0

### Comment

Mostly medical, but with unusually low fees.

## Ubiquity Press

United Kingdom.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	39	828			\$550	-40%
Fee	30	672	81%	40%	\$678	-57%
No-fee	9	156	19%	-55%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	38	33	33	27	25	25
Articles	828	635	689	587	636	705
%No-fee	19%	18%	23%	24%	23%	16%
Change	30.4%	-7.8%	17.4%	-7.7%	-9.8%	

Solid growth after a slightly down 2017.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	106	0%	\$291
Med.: 60-149	5	305	15%	\$632
Small: 20-59	15	262	37%	\$594
Smallest: 0-19	18	155	8%	\$494

No cost/volume correlation and mostly smaller journals.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	3	5	2	10	10
No-fee	1	0	1	3	4

Most journals began this decade.

	Journals	Articles	Revenue	\$/article
\$1,400+	2	90	\$151,991	\$1,689
\$600-\$1,399	7	136	\$123,235	\$906
\$200-\$599	19	442	\$179,943	\$407
\$0.01-\$199	2	4	\$528	\$132
No fee	9	156		



Change 2017-18	Count	Percent
Grew 25%+	25	64.1%
Even, $\pm 24.99\%$	9	23.1%
Shrank 25%+	5	12.8%

Volatile, with five times as much growth as shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	6	218	0%	\$905
Language & Literature	4	174	3%	\$421
Psychology	4	95	28%	\$772
Computer Science	3	67	0%	\$481
Arts & Architecture	4	54	69%	\$208
Library Science	2	52	90%	\$38
Anthropology	6	38	0%	\$591
Biology	2	26	0%	\$561
Law	2	26	46%	\$213
Education	1	18	100%	\$0
Political Science	1	18	0%	\$330
Other Sciences	1	13	0%	\$660
Religion	1	11	0%	\$528
History	1	9	0%	\$396
Philosophy	1	9	100%	\$0

Wide-ranging, with most journals in H&SS.

# Wiley

United Kingdom, United States, Australia and other countries. **\$2k Club:**  
One of six publishers averaging costs of more than \$2,000 per article.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	88	12,430			\$2,208	142%
Fee	82	11,736	94%	62%	\$2,339	49%
No-fee	6	694	6%	-87%		

Mostly very expensive journals.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	88	81	67	62	53	43
Articles	12,430	10,542	7,924	7,431	5,457	4,122
%No-fee	6%	6%	6%	6%	8%	11%
Change	17.9%	33.0%	6.6%	36.2%	32.4%	

Growth every year.

## Additional Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	2	1,704	0%	\$2,270
Large: 150-599	25	6,907	6%	\$2,243
Med.: 60-149	32	2,897	6%	\$2,183
Small: 20-59	23	871	13%	\$1,878
Smallest: 0-19	6	51	0%	\$2,480

No cost/volume correlation, with almost all costs very high.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	3	6	33	40
No-fee	1	1	1	3

No OA pioneers and primarily begun within this decade.

	Journals	Articles	Revenue	\$/article
\$1,400+	76	10,673	\$26,396,310	\$2,473
\$600-\$1,399	6	1,063	\$1,048,541	\$986
No fee	6	694		

Change 2017-18	Count	Percent
Grew 25%+	44	50.0%
Even, $\pm 24.99\%$	36	40.9%
Shrank 25%+	8	9.1%

Volatile, with more than five times as much growth as shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	52	7,351	3%	\$2,241
Ecology	6	1,689	0%	\$1,885
Biology	9	1,026	0%	\$2,461
Agriculture	5	926	43%	\$1,352
Other Sciences	2	507	0%	\$4,650
Zoology	3	346	0%	\$1,823
Chemistry	2	222	0%	\$2,162
Earth Sciences	4	127	0%	\$1,806
Education	1	66	0%	\$1,600
Engineering	1	65	0%	\$1,900
Arts & Architecture	1	50	0%	\$1,500
Political Science	1	50	100%	\$0
Mathematics	1	5	0%	\$1,250

Mostly biomed, with a scattering of others (mostly STEM).

## Wolters Kluwer

Includes Wolters Kluwer Medknow. India, with a few in the United States and United Kingdom.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	187	19,157			\$837	-8%
Fee	53	10,549	55%	-5%	\$1,519	-3%
No-fee	134	8,608	45%	7%		

Similar to overall OA: 72% of journals no-fee, 55% of articles fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	182	182	178	161	143	121
Articles	19,157	17,822	18,530	16,387	13,555	11,954
%No-fee	45%	48%	50%	53%	60%	56%
Change	7.5%	-3.8%	13.1%	20.9%	13.4%	

Growth four years out of five.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Largest: 600+	3	6,322	0%	\$2,009
Large: 150-599	38	6,425	61%	\$296
Med.: 60-149	59	3,964	68%	\$300
Small: 20-59	85	2,426	82%	\$93
Smallest: 0-19	2	20	60%	\$600

No cost/volume correlation—and all but the largest journals are mostly no-fee articles.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	7	23	16	7
No-fee	1	12	37	53	31

Most new journals emerged in 2005-2014.

	Journals	Articles	Revenue	\$/article
\$1,400+	14	7,762	\$15,395,409	\$1,983
\$600-\$1.399	1	63	\$53,550	\$850
\$200-\$599	17	1,414	\$430,400	\$304
\$0.01-\$199	21	1,310	\$148,803	\$114
No fee	134	8,608		

Change 2017-18	Count	Percent
Grew 25%+	34	18.2%
Even, $\pm 24.99\%$	117	62.6%
Shrank 25%+	36	19.3%

Mostly stable, with slightly more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	173	18,554	44%	\$861
Biology	5	303	61%	\$192
Physics	2	93	100%	\$0
Ecology	1	48	100%	\$0
Philosophy	1	42	0%	\$10
Political Science	1	42	100%	\$0
Law	1	37	100%	\$0
Psychology	1	16	100%	\$0
Economics	1	15	100%	\$0
Engineering	1	7	0%	\$50

This is a biomed publisher (98% of articles) with a handful of journals in other areas.

## Zibeline International

Malaysia. No fees. Key facts: 16 journals, 186 articles in 2018. All journals began in 2017.

### Articles and Journals by Year

	2018	2017
Journals	16	16
Articles	186	219
Change	-15.1%	

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Smallest: 0-19	16	186	100%	12

All very small journals, at least so far.

Change 2017-18	Count	Percent
Grew 25%+	1	6.3%
Even, $\pm 24.99\%$	10	62.5%
Shrank 25%+	5	31.3%

Mostly stable but with significant shrinkage.

### Subjects

Subject	Journals	Articles	Art/Jrn
Earth Sciences	5	55	11
Ecology	2	24	12
Other Sciences	2	23	12
Mathematics	1	14	14
Technology	1	14	14
Agriculture	1	12	12
Library Science	1	12	12
Medicine	1	11	11
Zoology	1	11	11
Engineering	1	10	10

A wide range of subjects, mostly in H&SS.



## Publisher Profiles: Universities and Colleges

Most of the same caveats apply here as for the previous section. This group includes many more institutions, but fewer articles.

I have normalized where it was obvious, but not otherwise—with one exception: all University of California entities I could spot (including epress) appear as University of California.

Publishers appear in alphabetic order. The table that follows gives the list in order by number of articles in 2018. The cost per article does not appear in this table to leave more room for publisher names, but does appear in profiles when there are any fee journals (in many cases, there are not)



## University Publishers by Articles

<b>Publisher</b>	<b>Art</b>	<b>Jrn</b>	<b>%No-fee</b>
Oxford University Press	7,843	41	17%
Universitas Negeri Semarang	2,176	92	75%
Universidade de São Paulo	2,113	50	90%
Universitas Udayana	1,932	48	56%
Universidade Federal de Santa Catarina	1,504	33	94%
Universidade Federal de Minas Gerais	1,390	25	92%
Mashhad University of Medical Sciences	1,268	24	83%
Universidade Federal do Rio de Janeiro	1,266	22	95%
Universidad Nacional de Colombia	1,260	36	100%
Universidad Complutense de Madrid	1,097	39	100%
Universitas Gadjah Mada	986	41	37%
Consejo Superior de Investigaciones Científicas	963	36	100%
Universidade Estadual Paulista	934	20	90%
Universidade do Estado do Rio de Janeiro	915	23	100%
University of California	876	22	77%
Universidade Federal de Santa Maria	845	12	83%
University of Brawijaya	841	33	39%
Universidade Estadual de Campinas	834	21	100%
Peoples' Friendship University of Russia (RUDN University)	784	17	100%
Universidade Estadual de Londrina	771	17	94%
Universidade Federal do Rio Grande do Sul	766	19	95%
Cambridge University Press	737	19	21%
Universidade Federal de Goiás	732	19	95%
Firenze University Press	702	25	92%
Shahid Sadoughi University of Medical Sciences	677	16	100%
Vilnius Gediminas Technical University	659	16	69%
Universidad de Costa Rica	658	24	100%

<b>Publisher</b>	<b>Art</b>	<b>Jrn</b>	<b>%No-fee</b>
Pontificia Universidade Católica de São Paulo	632	16	94%
Tehran University of Medical Sciences	630	12	83%
University of Bologna	611	30	93%
Universidade de Brasília	604	20	100%
Islamic Azad University	602	24	92%
Universidad de Chile	599	30	97%
Universitat Autònoma de Barcelona	587	21	95%
Conselho Nacional de Pesquisa e Pós-graduação em Direito	586	35	100%
Czech Academy of Agricultural Sciences	569	11	0%
Shahid Beheshti University of Medical Sciences	561	20	70%
Universidad Nacional Autónoma de México	553	16	94%
Ferdowsi University of Mashhad	549	13	38%
Moscow State University of Psychology and Education	541	11	100%
Universidade Federal do Ceará	537	11	82%
Universidad Nacional de La Plata	532	26	100%
Universitat de Barcelona	513	23	100%
Universidade Federal da Bahia	510	13	100%
Universidade Federal do Paraná	509	10	100%
University of Isfahan	502	20	20%
Università degli Studi di Milano	499	18	100%
Universitas Indonesia	496	21	90%
Universidade Nove de Julho	492	13	100%
Shiraz University of Medical Sciences	490	15	73%
University Library System, University of Pittsburgh	486	22	95%
Ediciones Universidad de Salamanca	480	17	100%
University of Tehran	479	14	79%
Editora da Pontificia Universidade Católica do Rio Grande do Sul...	474	15	100%

<b>Publisher</b>	<b>Art</b>	<b>Jrn</b>	<b>%No-fee</b>
Diponegoro University	471	22	77%
University of Zagreb	468	14	93%
Universidad de Granada	468	19	100%
Universitas Negeri Surabaya	466	17	94%
Universitas Negeri Yogyakarta	463	23	48%
Universidade Federal de Uberlândia	460	10	100%
Utrecht University Library Open Access Journals...	453	14	93%
University of Belgrade	449	15	100%
Universidade Estadual Paulista Julio de Mesquita Filho	448	10	80%
Universidad de Murcia	448	17	100%
Bogor Agricultural University	445	16	6%
Universidade Federal da Paraíba	439	15	100%
Allameh Tabataba'i University	421	18	100%
Tabriz University of Medical Sciences	410	10	100%
Universitas Pendidikan Indonesia	387	17	71%
Universidade Federal Fluminense	380	14	100%
Muhammadiyah University Press	369	26	65%
Universidad de Antioquia	364	17	100%
Universidad Nacional de Educación a Distancia (UNED)	354	14	100%
Scandinavian University Press (Universitetsforlaget)	335	16	100%
Universidade do Vale do Rio dos Sinos	330	10	100%
Universidad de Buenos Aires	326	15	100%
Universidade Federal da Grande Dourados	311	11	100%
Universidad Pedagógica y Tecnológica de Colombia	291	13	100%
Universitas Airlangga	281	10	20%
Universitat Politècnica de València	272	17	100%
Universidad de Alicante	265	10	100%
Universitat de València	261	11	100%

<b>Publisher</b>	<b>Art</b>	<b>Jrn</b>	<b>%No-fee</b>
Universitas Padjadjaran	252	11	55%
Karolinum Press	251	14	100%
Universitas Negeri Malang	232	16	75%
Universidad Nacional de Córdoba	215	11	100%
Universitas Islam Bandung	212	10	70%
Universidad Distrital Francisco José de Caldas	205	10	100%
Universidad Externado de Colombia	205	10	100%
Znanstvena založba Filozofske fakultete Univerze v ...	204	10	100%
Edizioni Ca' Foscari	195	11	0%
Syiah Kuala University	184	10	20%
Michigan Publishing	180	11	100%
Pontificia Universidad Javeriana	175	11	100%
Universidad de los Andes	175	10	100%
Universitas Pasundan	148	13	77%
University of Bucharest	126	11	91%
UTS ePRESS	123	11	100%
Universitas Semarang	119	10	70%

In three cases, publisher name has been shortened to keep it within two rows of this table, with the remainder replaced by “...”

## Allameh Tabataba'i University

Iran. No fees. **Key facts:** 18 journals, 421 articles in 2018. All small journals, average 23 articles per journal.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	17	18	18	16	16
Articles	421	451	467	539	371	407
Change	-6.7%	-3.4%	-13.4%	45.3%	-8.8%	

Slow decline since 2015 peak.

### Additional Metrics

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	2	1	11	3

Most journals started 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	3	16.7%
Even, $\pm 24.99\%$	11	61.1%
Shrank 25%+	4	22.2%

Mostly stable, with one more shrinking than growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Economics	6	142	24
Law	3	80	27
Medicine	2	72	36
Political Science	2	39	20
Language & Literature	2	38	19
Education	1	27	27
Psychology	1	23	23
Religion	1	0	0

Predominantly H&SS.

## Bogor Agricultural University

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	16	445			\$104	-89%
Fee	15	424	95%	64%	\$109	-93%
No-fee	1	21	5%	-89%		

Almost all fees, albeit low ones.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	15	15	15	13	13
Articles	445	472	429	390	363	334
%No-fee	5%	6%	8%	10%	9%	9%
Change	-5.7%	10.0%	10.0%	7.4%	8.7%	

Off just a bit in 2018, but still above 2016.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	2	105	13%	\$98
Small: 20-59	14	340	87%	\$106

Mostly small journals.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	3	7	2	3
No-fee	0	1	0	0

	Journals	Articles	Revenue	\$/article
\$200-\$599	3	60	\$13,800	\$230
\$0.01-\$199	12	364	\$32,574	\$89
No fee	1	21		

Mostly fairly nominal fees.

Change 2017-18	Count	Percent
Grew 25%+	3	18.8%
Even, $\pm$ 24.99%	6	37.5%
Shrank 25%+	7	43.8%

Somewhat volatile and with much more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Agriculture	6	133	16%	\$60
Zoology	5	120	0%	\$135
Economics	2	75	0%	\$105
Ecology	1	48	0%	\$105
Earth Sciences	1	45	0%	\$98
Biology	1	24	0%	\$200

What isn't agriculture is mostly related to the earth somehow.

# Cambridge University Press

United Kingdom.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	19	737			\$1,185	30%
Fee	15	509	69%	19%	\$1,716	9%
No-fee	4	228	31%	-26%		

One of two university publishes with four-digit average costs.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	19	19	19	15	9	8
Articles	737	702	800	583	388	286
%No-fee	31%	32%	32%	38%	3%	3%
Change	5.0%	-12.3%	37.2%	50.3%	35.7%	

Moving in a fairly narrow range since 2016.

## Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	7	462	35%	\$1,108
Small: 20-59	9	245	27%	\$1,176
Smallest: 0-19	3	30	0%	\$2,452

Reverse cost/volume correlation: smaller journals are *more* expensive.

Journals	2011-14	2015-18
Fee	6	9
No-fee	0	4

All fairly recent, especially the no-fee few.

	Journals	Articles	Revenue	\$/article
\$1,400+	11	434	\$792,774	\$1,827
\$600-\$1.399	3	62	\$73,225	\$1,181
\$200-\$599	1	13	\$7,467	\$574
No fee	4	228		



Change 2017-18	Count	Percent
Grew 25%+	5	26.3%
Even, $\pm 24.99\%$	8	42.1%
Shrank 25%+	6	31.6%

Somewhat volatile, with more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	7	356	45%	\$991
Earth Sciences	2	121	0%	\$1,743
Physics	1	65	0%	\$1,950
Psychology	1	35	100%	\$0
Economics	1	33	0%	\$1,575
Language & Literature	1	32	100%	\$0
Agriculture	1	28	0%	\$1,575
Mathematics	2	27	0%	\$1,000
Arts & Architecture	1	19	0%	\$1,575
Computer Science	1	13	0%	\$574
Other Sciences	1	8	0%	\$2,835

Mostly medicine, with the rest covering a broad range.

## Consejo Superior de Investigaciones Científicas

Spain. No fees. **Key facts:** 36 journals, 963 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	36	36	36	36	36	36
Articles	963	999	1,021	977	1,083	1,004
Change	-3.6%	-2.2%	4.5%	-9.8%	7.9%	

Varying within a fairly narrow range.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	5	245	25%	49
Small: 20-59	23	602	63%	26
Smallest: 0-19	8	116	12%	15

Mostly small.

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	26	9	0	1	0

Mostly pioneers, with only one new journal in the past 15 years.

Change 2017-18	Count	Percent
Grew 25%+	5	13.9%
Even, $\pm 24.99\%$	27	75.0%
Shrank 25%+	4	11.1%

Predominantly stable.

**Subjects'**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
History	8	208	26
Language & Literature	6	138	23
Sociology	2	95	48
Agriculture	3	79	26
Anthropology	3	73	24
Arts & Architecture	3	72	24
Earth Sciences	3	61	20
Ecology	2	52	26
Religion	1	50	50
Philosophy	1	39	39
Engineering	1	33	33
Library Science	1	31	31
Zoology	1	21	21
Political Science	1	11	11

Predominantly H&SS.

## Conselho Nacional de Pesquisa e Pós-graduação em Direito

Brazil. No fees. **Key facts:** 36 journals, 586 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	35	35	35	35	1	1
Articles	586	506	994	629	42	56
Change	15.8%	-49.1%	58.0%	1397.6%	-25.0%	

Volatile.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	2	110	19%	55
Small: 20-59	32	463	79%	14
Smallest: 0-19	1	13	2%	13

Mostly small.

Started	2011-14	2015-18
Journals	1	34

Almost entirely quite recent.

Change 2017-18	Count	Percent
Grew 25%+	15	42.9%
Even, $\pm 24.99\%$	19	54.3%
Shrank 25%+	1	2.9%

Stable or growing, with almost no shrinkage.

### Subjects

Subject	Journals	Articles	Art/Jrn
Law	33	542	16
Medicine	1	31	31
Political Science	1	13	13

Nearly all small or very small legal journals.

## Czech Academy of Agricultural Sciences

Czech Republic. All fee journals. All \$356 fee.

	Journals	Articles	\$/Art	Rel%
All	11	569	\$356	-61%

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	11	11	11
Articles	569	586	598	640	612	585
Change	-2.9%	-2.0%	-6.6%	4.6%	4.6%	

Slow, small decline from 2015 peak.

### Additional Metrics

	Journals	Articles	\$/article	Art/J
Med.: 60-149	5	359	\$356	72
Small: 20-59	6	210	\$356	35

Started	1999-2004	2005-10	2011-14	2015-18	2015-18
Journals	7	4	0	0	0

No recent introductions.

### Subjects

Subject	Jour.	Art.	\$/article	Art/J
Agriculture	8	403	\$356	50
Zoology	2	136	\$356	68
Earth Sciences	1	30	\$356	30

All agriculture and related fields.

## Diponegoro University

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	22	471			\$25	-97%
Fee	5	157	33%	-43%	\$74	-95%
No-fee	17	314	67%	59%		

Mostly no-fee, the rest low-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	20	21	22	22	19	17
Articles	471	471	575	514	469	525
%No-fee	67%	69%	74%	71%	78%	83%
Change	0.0%	-18.1%	11.9%	9.6%	-10.7%	

Currently flat, but off from the 2016 peak.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	5	140	100%	\$0
Small: 20-59	11	275	43%	\$42
Smallest: 0-19	6	56	100%	\$0

No cost/volume correlation.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	0	2	2	1
No-fee	1	6	9	1

Almost all began 2005-2014.

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	5	157	\$11,651	\$74
No fee	17	314		

Change 2017-18	Count	Percent
Grew 25%+	7	31.8%
Even, $\pm 24.99\%$	10	45.5%
Shrank 25%+	5	22.7%

Mostly stable or growing.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Chemistry	2	82	73%	\$19
Zoology	2	82	0%	\$50
Agriculture	2	46	57%	\$23
Medicine	3	40	100%	\$0
Anthropology	2	36	100%	\$0
Physics	1	33	0%	\$150
Sociology	1	33	100%	\$0
Computer Science	1	26	100%	\$0
Language & Literature	2	24	100%	\$0
Education	1	21	100%	\$0
Engineering	2	19	100%	\$0
Earth Sciences	1	15	100%	\$0
Miscellany	1	14	100%	\$0
Ecology	1	0		

### Comment

Broad-ranging, with the only fees in STEM.

## Ediciones Universidad de Salamanca

Spain. No fees. **Key facts:** 17 journals, 480 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	17	17	16	16	14
Articles	480	528	560	403	415	342
Change	-9.1%	-5.7%	39.0%	-2.9%	21.3%	

Off slightly from a 2016 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	2	81	17%	41
Small: 20-59	15	399	83%	27

Almost all small.

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	11	1	2	1	2

Mostly pioneering OA, with occasional introductions since.

Change 2017-18	Count	Percent
Grew 25%+	4	23.5%
Even, $\pm 24.99\%$	11	64.7%
Shrank 25%+	2	11.8%

Mostly stable, twice as much growth as shrinkage.

### Subjects

Subject	Journals	Articles	Art/Jrn
Education	6	163	27
History	4	99	25
Media & Communications	2	69	35
Medicine	1	41	41
Political Science	1	36	36
Anthropology	1	25	25
Philosophy	1	24	24
Computer Science	1	23	23

Wide-ranging. Mostly H&SS.



## Editora da Pontifícia Universidade Católica do Rio Grande do Sul – EDIPUCRS

Brazil. No fees. **Key facts:** 15 journals, 474 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	12	15	15	15	15	15
Articles	474	515	465	407	432	407
Change	-8.0%	10.8%	14.3%	-5.8%	6.1%	

Off slightly from a 2017 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	3	173	36%	58
Small: 20-59	11	301	64%	27
Smallest: 0-19	1	0	0%	0

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	3	11	0	0

No new journals since 2010.

Change 2017-18	Count	Percent
Grew 25%+	2	13.3%
Even, $\pm 24.99\%$	9	60.0%
Shrank 25%+	4	26.7%

Stable, but with more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Education	3	118	39
Medicine	3	95	32
Media & Communications	2	63	32
Political Science	1	54	54
Philosophy	1	42	42
Psychology	1	34	34
History	1	26	26
Religion	1	26	26
Sociology	1	16	16
Physics	1	0	0

Broad range, with most articles in H&SS.

## Edizioni Ca' Foscari

Italy. All fee journals.

	Journals	Articles	\$/Art	Rel%
All	11	195	\$91	-90%

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	11	10	9	8	3
Articles	195	270	225	215	177	85
Change	-27.8%	20.0%	4.7%	21.5%	108.2%	

Drop in 2018, back to below 2016 numbers.

### Additional Metrics

	Journals	Articles	\$/article	Art/J
Small: 20-59	9	178	\$90	20
Smallest: 0-19	2	17	\$102	9

Started	2011-14	2015-18
Journals	8	3

All this decade.

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	11	195	\$17,709	\$91

All low fees.

Change 2017-18	Count	Percent
Grew 25%+	1	9.1%
Even, $\pm 24.99\%$	4	36.4%
Shrank 25%+	6	54.5%

Mostly shrinking.

### Subjects

Subject	Jour.	Art.	\$/article	Art/J
Language & Literature	8	163	\$90	20
Arts & Architecture	2	17	\$102	9
History	1	15	\$90	15

All humanities.

## Ferdowsi University of Mashhad

Iran.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	13	549			\$21	-98%
Fee	8	453	83%	42%	\$25	-98%
No-fee	5	96	17%	-58%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	13	13	13	11	10
Articles	549	650	715	472	478	321
%No-fee	17%	20%	18%	26%	20%	21%
Change	-15.5%	-9.1%	51.5%	-1.3%	48.9%	

Two years of decline from a 2016 peak.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	87	0%	\$24
Med.: 60-149	5	312	0%	\$24
Small: 20-59	4	111	51%	\$17
Smallest: 0-19	3	39	100%	\$0

The large journal had 191 articles in 2017.

Journals	2005-10	2011-14	2015-18
Fee	6	2	0
No-fee	2	2	1

Mostly 3005-2-10, with a few sine.

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	8	453	\$11,376	\$25
No fee	5	96		

Seven journals charge \$23.75; one charges twice as much.

Change 2017-18	Count	Percent
Grew 25%+	4	30.8%
Even, $\pm 24.99\%$	5	38.5%
Shrank 25%+	4	30.8%

Volatile with no clear pattern.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Computer Science	1	94	0%	\$24
Miscellany	1	87	0%	\$24
Earth Sciences	2	75	39%	\$15
Biology	2	67	10%	\$21
Ecology	1	57	0%	\$24
Technology	1	55	0%	\$24
Engineering	1	28	0%	\$24
Sociology	1	28	100%	\$0
Agriculture	1	26	0%	\$48
Education	1	16	100%	\$0
Mathematics	1	16	100%	\$0

Broad coverage, mostly STEM.

## Firenze University Press

Italy.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	25	702			\$82	-91%
Fee	2	173	25%	-58%	\$331	-79%
No-fee	23	529	75%	80%		

Predominantly no-fee, but the fee journals publish more.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	22	23	24	21	22	21
Articles	702	698	646	620	651	552
%No-fee	75%	81%	85%	77%	81%	80%
Change	0.6%	8.0%	4.2%	-4.8%	17.9%	

Up (slightly) for three years running.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	4	292	41%	\$196
Small: 20-59	16	383	100%	\$0
Smallest: 0-19	5	27	100%	\$0

The only fees are for medium-sized journals.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	0	2	0
No-fee	2	4	8	6	3

Ongoing introductions, peaking 2005-2010.

	Journals	Articles	Revenue	\$/article
\$600-\$1.399	1	47	\$29,022	\$617
\$200-\$599	1	126	\$28,279	\$224
No fee	23	529	\$0	\$0

Change 2017-18	Count	Percent
Grew 25%+	6	24.0%
Even, $\pm 24.99\%$	11	44.0%
Shrank 25%+	8	32.0%

Largely stable but with slightly more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Arts & Architecture	4	147	14%	\$192
History	8	128	100%	\$0
Education	2	119	100%	\$0
Philosophy	2	75	100%	\$0
Language & Literature	2	57	100%	\$0
Agriculture	1	47	0%	\$617
Sociology	1	44	100%	\$0
Anthropology	2	42	100%	\$0
Zoology	1	25	100%	\$0
Economics	2	18	100%	\$0

Predominantly H&SS, with most articles in the humanities.

## Islamic Azad University

Iran.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	24	602			\$7	-99%
Fee	2	72	12%	-79%	\$59	-96%
No-fee	22	530	88%	110%		

Almost all no-fee; two with nominal fees.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	22	23	24	23	20	20
Articles	602	655	736	652	611	615
%No-fee	88%	86%	87%	88%	87%	91%
Change	-8.1%	-11.0%	12.9%	6.7%	-0.7%	

Two-year reduction from 2016 peak.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	3	160	75%	\$15
Small: 20-59	18	394	92%	\$5
Smallest: 0-19	3	48	100%	\$0

Technically, the cost/volume correlation holds, but at very low levels.

Journals	2005-10	2011-14	2015-18
Fee	2	0	0
No-fee	6	12	4

All this century, mostly 2011-2014.

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	2	72	\$4,275	\$59
No fee	22	530		

Both fee journals charge \$59.37.



Change 2017-18	Count	Percent
Grew 25%+	2	8.3%
Even, $\pm 24.99\%$	15	62.5%
Shrank 25%+	7	29.2%

Mostly stable, but with more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	7	177	100%	\$0
Earth Sciences	1	80	100%	\$0
Mathematics	3	60	100%	\$0
Agriculture	2	56	29%	\$42
Chemistry	2	48	100%	\$0
Education	1	38	100%	\$0
Philosophy	1	32	100%	\$0
Zoology	1	32	0%	\$59
Engineering	1	30	100%	\$0
Language & Literature	3	26	100%	\$0
Arts & Architecture	1	23	100%	\$0
Economics	1	0		

Broad range of journals, with most articles in medicine and STEM.

## Karolinum Press

Czech Republic. No fees. **Key facts:** 14 journals, 251 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	14	13	12	11	10
Articles	251	283	232	241	200	226
Change	-11.3%	22.0%	-3.7%	20.5%	-11.5%	

Off slightly after a 2017 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	20	4%	20
Small: 20-59	11	206	41%	19
Smallest: 0-19	2	25	5%	13

All currently small/smallest. (The Medium was only that in 2013.)

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	0	3	6	4

One pioneer the rest mostly fairly recent.

Change 2017-18	Count	Percent
Grew 25%+	4	28.6%
Even, $\pm 24.99\%$	5	35.7%
Shrank 25%+	5	35.7%

Mostly stable or shrinking.

## Subjects

Subject	Journals	Articles	Art/Jrn
Language & Literature	1	56	56
Medicine	2	42	21
Ecology	2	37	19
Earth Sciences	1	20	20
History	2	20	10
Sociology	1	20	20
Education	1	15	15
Philosophy	1	15	15
Religion	1	15	15
Anthropology	1	11	11
Psychology	1	0	0

Broad range of subjects in all areas.

## Mashhad University of Medical Sciences

Iran. One of eleven universities publishing at least 1,000 OA articles.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	24	1,268			\$23	-97%
Fee	4	428	34%	-42%	\$68	-96%
No-fee	20	840	66%	58%		

Mostly no-fee, although the fee journals average more articles.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	24	24	24	23	22	21
Articles	1,268	1,395	1,401	1,337	1,488	990
%No-fee	66%	68%	69%	70%	75%	64%
Change	-9.1%	-0.4%	4.8%	-10.1%	50.3%	

Down slightly from a 2016 peak.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Large: 150-599	3	524	39%	\$39
Med.: 60-149	6	235	77%	\$16
Small: 20-59	15	509	89%	\$10

The cost/volume correlation holds, at low costs.

<b>Journals</b>	<b>1999-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	3	1	0
No-fee	1	3	14	2

Primarily 2011-2014.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$0.01-\$199	4	428	\$29,119	\$68
No fee	20	840		

Each fee journal has a different fee, with none reaching \$100.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	21	87.5%
Shrank 25%+	3	12.5%

Almost all stable, with one journal showing a dramatic drop.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	23	1,239	65%	\$24
Ecology	1	29	100%	\$0

Basically all medicine: the exception is in environmental health.

## Michigan Publishing

United States. No fees. **Key facts:** 11 journals, 180 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	9	11	11	10	10	7
Articles	180	220	207	183	153	68
Change	-18.2%	6.3%	13.1%	19.6%	125.0%	

Drop after five straight years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	52	29%	52
Small: 20-59	5	85	47%	17
Smallest: 0-19	5	43	24%	9

One journal started with 72 articles in 2016, then dropped to 40-55.

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	1	1	6	2

Occasional introductions with a surge 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	1	9.1%
Even, $\pm 24.99\%$	4	36.4%
Shrank 25%+	6	54.5%

Mostly shrinking.

### Subjects

Subject	Journals	Articles	Art/Jrn
Media & Communications	2	79	40
Philosophy	2	52	26
Library Science	2	19	10
Medicine	1	11	11
Sociology	2	10	5
Arts & Architecture	1	9	9
Language & Literature	1	0	0

All H&SS except for one very small medical (mental health) journal.

## Moscow State University of Psychology and Education

Russia. No fees. **Key facts:** 11 journals, 541 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	11	10	9
Articles	541	513	474	452	525	494
Change	5.5%	8.2%	4.9%	-13.9%	6.3%	

Three years of growth; essentially back to 2014 levels.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	4	228	42%	57
Small: 20-59	7	313	58%	45

Started	2005-10	2011-14	2015-18
Journals	1	3	7

Dates are taken from DOAJ; articles may go back earlier.

Change 2017-18	Count	Percent
Grew 25%+	3	27.3%
Even, $\pm 24.99\%$	7	63.6%
Shrank 25%+	1	9.1%

Stable or growing.

Subject	Journals	Articles	Art/Jrn
Psychology	5	240	48
Medicine	2	85	43
Law	1	62	62
Education	1	54	54
History	1	53	53
Language & literature	1	47	47

H&SS and medicine; majority of articles psychology and education.

## Muhammadiyah University Press

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	26	369			\$19	-98%
Fee	9	137	37%	-36%	\$51	-97%
No-fee	17	232	63%	50%		

Mostly no-fee, the rest low-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	24	26	26	23	17	13
Articles	369	415	423	366	260	161
%No-fee	63%	65%	65%	69%	63%	69%
Change	-11.1%	-1.9%	15.6%	40.8%	61.5%	

Two years modest decline after a 2016 peak.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	10	181	58%	\$24
Smallest: 0-19	16	188	68%	\$14

All small or very small. Technically, the cost/volume correlation holds.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	0	3	3	2
No-fee	0	1	2	4	10

Mostly recent.

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	9	137	\$6,965	\$51
No fee	17	232		

Change 2017-18	Count	Percent
Grew 25%+	2	7.7%
Even, $\pm 24.99\%$	16	61.5%
Shrank 25%+	8	30.8%

Mostly stable, but with much more shrinkage than growth.



## Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Economics	4	64	25%	\$34
Engineering	3	47	51%	\$34
Education	2	41	100%	\$0
Medicine	2	39	49%	\$9
Sociology	2	33	100%	\$0
Miscellany	2	26	100%	\$0
Religion	2	26	100%	\$0
Biology	1	22	100%	\$0
Computer Science	1	19	0%	\$70
Earth Sciences	1	15	0%	\$70
Mathematics	1	13	100%	\$0
Law	2	12	0%	\$35
Media & Communications	1	6	100%	\$0
Psychology	1	6	100%	\$0
Language & Literature	1	0		

Broad range of subjects.

## Oxford University Press

United Kingdom. By far the largest (in articles) university publisher—and by far the most expensive. **\$2K Club**: The only university publisher to average more than \$2,000 per article.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	41	7,843			\$2,091	129%
Fee	34	7,708	98%	69%	\$2,128	36%
No-fee	7	135	2%	-96%		

Nearly all fee journals, and very high fees at that.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	40	39	32	31	26	20
Articles	7,843	6,696	6,323	7,911	7,343	3,209
%No-fee	2%	2%	1%	1%	0%	1%
Change	17.1%	5.9%	-20.1%	7.7%	128.8%	

Growing most years.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Largest: 600+	3	4,574	0%	\$2,566
Large: 150-599	12	1,936	0%	\$1,385
Med.: 60-149	12	1,018	0%	\$1,613
Small: 20-59	9	259	34%	\$1,282
Smallest: 0-19	5	56	84%	\$169

The typical correlation isn't quite there.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	2	1	7	10	14
No-fee	0	0	2	1	4

A couple of pioneers, but most growth in recent years.

	Journals	Articles	Revenue	\$/article
\$1,400+	19	6,167	\$14,934,116	\$2,422
\$600-\$1,399	15	1,541	\$1,468,775	\$953
No fee	7	135		

Note that expensive journals are very expensive.

Change 2017-18	Count	Percent
Grew 25%+	14	34.1%
Even, $\pm 24.99\%$	21	51.2%
Shrank 25%+	6	14.6%

Half stable, with much more growth than shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	15	4,609	1%	\$2,074
Other Sciences	2	1,401	0%	\$2,843
Biology	8	1,071	3%	\$1,705
Zoology	2	215	0%	\$1,273
Agriculture	5	211	5%	\$1,991
Physics	1	157	0%	\$1,175
Ecology	4	131	34%	\$1,005
Law	2	20	0%	\$840
Mathematics	1	19	100%	\$0
Computer Science	1	9	0%	\$1,050

Mostly biomed, with almost no H&SS.

## Peoples' Friendship University of Russia (RUDN University)

Russia. No fees. **Key facts:** 17 journals, 784 articles in 2018. All journals began in 2008.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	17	17	17	17	17	17
Articles	784	974	1,136	1,172	1,321	1,273
Change	-19.5%	-14.3%	-3.1%	-11.3%	3.8%	

Declining, usually significantly, ever since 2014.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Large: 150-599	1	15	2%	15
Med.: 60-149	15	731	93%	49
Small: 20-59	1	38	5%	38

The Large journal had 172 articles in 2014.

Change 2017-18	Count	Percent
Grew 25%+	1	5.9%
Even, $\pm 24.99\%$	10	58.8%
Shrank 25%+	6	35.3%

### **Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Language & Literature	4	199	50
Political Science	2	134	67
Engineering	2	94	47
Sociology	1	57	57
Philosophy	1	49	49
Medicine	1	45	45
Economics	1	44	44
History	1	44	44
Agriculture	1	38	38
Psychology	1	35	35
Education	1	30	30
Law	1	15	15

Broad range, with most articles in H&SS.

## Pontificia Universidad Javeriana

Colombia. No fees. **Key facts:** 11 journals, 175 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	9	11	11	11	10	10
Articles	175	264	309	310	328	299
Change	-33.7%	-14.6%	-0.3%	-5.5%	9.7%	

Four years of decline.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	2	17	10%	9
Small: 20-59	7	132	75%	19
Smallest: 0-19	2	26	15%	13

One medium journal: 80 articles in 2016. The other: 120 in 2014.

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	3	2	4	1	1

Change 2017-18	Count	Percent
Grew 25%+	3	27.3%
Even, $\pm 24.99\%$	4	36.4%
Shrank 25%+	4	36.4%

Mostly shrinking or stable.

### Subjects

Subject	Journals	Articles	Art/Jrn
Medicine	5	64	13
Anthropology	1	29	29
Other Sciences	1	22	22
Psychology	1	21	21
Language & Literature	1	17	17
Media & Communications	1	15	15
Ecology	1	7	7

## Pontificia Universidade Católica de São Paulo

Brazil.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	16	632			\$10	-99%
Fee	1	30	5%	-92%	\$207	-87%
No-fee	15	602	95%	128%		

Nearly all no-fee. Fee table omitted since there's only one fee journal.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	16	16	16	16	15
Articles	632	630	647	525	616	563
%No-fee	95%	94%	94%	95%	94%	96%
Change	0.3%	-2.6%	23.2%	-14.8%	9.4%	

Essentially level (within 15 articles) since 2016 peak.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	54	100%	\$0
Med.: 60-149	4	265	100%	\$0
Small: 20-59	8	267	89%	\$23
Smallest: 0-19	3	46	100%	\$0

The Large journal had 171 articles in 2013.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	0	1	0
No-fee	4	2	6	3	0

Several pioneers and a slow trickle through 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	3	18.8%
Even, $\pm 24.99\%$	10	62.5%
Shrank 25%+	3	18.8%

Mostly stable.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Language & Literature	5	170	100%	\$0
Media & Communications	2	130	100%	\$0
Medicine	1	102	100%	\$0
Religion	2	68	56%	\$91
Economics	3	63	100%	\$0
Sociology	1	54	100%	\$0
Ecology	1	30	100%	\$0
History	1	15	100%	\$0

All H&SS except for one medical journal.



## Scandinavian University Press (Universitetsforlaget)

Norway. No fees. **Key facts:** 16 journals, 335 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014
Journals	16	15	4	2	1
Articles	335	294	48	11	3
Change	13.9%	512.5%	336.4%	266.7%	

Growth every year since 2013 start of first OA journal.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	10	266	79%	27
Smallest: 0-19	6	69	21%	12

Started	2011-14	2015-18
Journals	1	15

All but one very recent.

Change 2017-18	Count	Percent
Grew 25%+	6	37.5%
Even, $\pm 24.99\%$	7	43.8%
Shrank 25%+	3	18.8%

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Sociology	2	70	35
History	2	44	22
Language & Literature	3	44	15
Medicine	1	44	44
Religion	1	35	35
Anthropology	2	33	17
Philosophy	1	22	22
Arts & Architecture	1	16	16
Political Science	1	11	11
Law	1	8	8
Library Science	1	8	8

All H&SS except for one medical journal.

## Shahid Beheshti University of Medical Sciences

Iran.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	20	561			\$70	-92%
Fee	6	274	49%	-16%	\$143	-91%
No-fee	14	287	51%	22%		

Evenly balanced fee/no-fee articles, but fee journals are larger.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	20	20	20	17	13	7
Articles	561	611	666	519	340	135
%No-fee	51%	50%	46%	48%	39%	47%
Change	-8.2%	-8.3%	28.3%	52.6%	151.9%	

Two years mild decline after three years strong growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	2	174	0%	\$167
Small: 20-59	16	377	73%	\$27
Smallest: 0-19	2	10	100%	\$0

The cost/volume correlation works here, at relatively low costs.

Journals	2005-10	2011-14	2015-18
Fee	2	4	0
No-fee	2	6	6

Mostly recent.

	Journals	Articles	Revenue	\$/article
\$200-\$599	1	48	\$17,099	\$356
\$0.01-\$199	5	226	\$22,176	\$98
No fee	14	287		

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	1	5.0%
Even, $\pm 24.99\%$	12	60.0%
Shrank 25%+	7	35.0%

Mostly stable, but much more shrinkage than growth.

### **Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Medicine	13	411	45%	\$91
Education	1	29	100%	\$0
Agriculture	1	27	100%	\$0
Language & Literature	1	27	0%	\$24
Biology	1	25	100%	\$0
Sociology	1	22	0%	\$48
Mathematics	1	14	100%	\$0
Chemistry	1	6	100%	\$0

As you'd expect, mostly medical. (The Education journal is medical education.)

## Shahid Sadoughi University of Medical Sciences

Iran. No fees. **Key facts:** 16 journals, 677 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	15	11	8	7	6
Articles	677	651	617	509	535	503
Change	4.0%	5.5%	21.2%	-4.9%	6.4%	

Three years of growth after new journals began.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Large: 150-599	1	52	4%	52
Med.: 60-149	3	281	21%	94
Small: 20-59	9	297	22%	33
Smallest: 0-19	3	47	3%	16

The Large journal had 159 articles in 2016.

Started	1999-2004	2005-10	2011-14	2015-18
Journals	2	0	4	10

Mostly quite recent.

Change 2017-18	Count	Percent
Grew 25%+	3	18.8%
Even, $\pm 24.99\%$	13	81.3%

Predominantly stable, the rest growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Medicine	12	581	48
Ecology	1	32	32
Sociology	2	32	16
Technology	1	32	32

Most or all of the non-medical journals relate to health or medicine.

## Shiraz University of Medical Sciences

Iran.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	15	490			\$62	-93%
Fee	4	223	46%	-22%	\$136	-91%
No-fee	11	267	54%	30%		

Slight majority no-fee, the rest relatively low-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	14	15	15	14	13	10
Articles	490	513	503	534	395	304
%No-fee	54%	58%	57%	55%	58%	50%
Change	-4.5%	2.0%	-5.8%	35.2%	29.9%	

Mostly level past three years (23-article range).

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	2	138	0%	\$124
Small: 20-59	13	352	76%	\$37

The cost/volume correlation is there, at a low level.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	2	0	2	0
No-fee	0	2	7	2

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	4	223	\$30,295	\$136
No fee	11	267		

Change 2017-18	Count	Percent
Grew 25%+	2	13.3%
Even, $\pm 24.99\%$	11	73.3%
Shrank 25%+	2	13.3%

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Medicine	11	361	47%	\$75
Education	2	62	100%	\$0
Mathematics	1	34	100%	\$0
Computer Science	1	33	0%	\$100

The non-medical journals all appear related to medicine and health.

## Syiah Kuala University

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	10	184			\$41	-96%
Fee	8	151	82%	41%	\$49	-97%
No-fee	2	33	18%	-57%		

Predominantly very low fee. All under \$199, so fee table omitted.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	9	9	9
Articles	184	207	234	209	222	204
%No-fee	18%	23%	21%	22%	22%	20%
Change	-11.1%	-11.5%	12.0%	-5.9%	8.8%	

Down for two years from 2016 peak.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	7	147	22%	\$43
Smallest: 0-19	3	37	0%	\$30

The smallest are even cheaper than the small.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	1	2	4	1
No-fee	0	1	1	0

Change 2017-18	Count	Percent
Grew 25%+	2	20.0%
Even, $\pm 24.99\%$	5	50.0%
Shrank 25%+	3	30.0%



**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Zoology	5	107	0%	\$43
Ecology	1	25	0%	\$105
Other Sciences	1	21	100%	\$0
Agriculture	2	19	0%	\$12
Medicine	1	12	100%	\$0

## Tabriz University of Medical Sciences

Iran. No fees. All medicine or medical-related. **Key facts:** ten journals, 410 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	10	10
Articles	410	388	396	426	337	342
Change	5.7%	-2.0%	-7.0%	26.4%	-1.5%	

Narrow range since 2015.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	82	10%	82
Small: 20-59	9	328	40%	36

Started	2005-10	2011-14	2015-18
Journals	3	7	0

All 2003-2014, nothing since.

Change 2017-18	Count	Percent
Grew 25%+	1	10.0%
Even, $\pm 24.99\%$	9	90.0%

Most journals are predictable from year to year.

## Tehran University of Medical Sciences

Iran.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	12	630			\$53	-94%
Fee	2	139	22%	-62%	\$241	-85%
No-fee	10	491	78%	86%		

Predominantly no-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	10	11	11	11
Articles	630	594	587	610	707	686
%No-fee	78%	78%	76%	76%	75%	76%
Change	6.1%	1.2%	-3.8%	-13.7%	3.1%	

Second year of modest growth, still below 2014 levels.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	143	100%	\$0
Med.: 60-149	4	262	47%	\$128
Small: 20-59	7	225	100%	\$0

No cost/volume correlation since all fee journals are medium-sized.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	1	1	0	0
No-fee	3	1	3	2	1

Some pioneer journals, with slow growth since.

	Journals	Articles	Revenue	\$/article
\$200-\$599	2	139	\$33,523	\$241
No fee	10	491		

Change 2017-18	Count	Percent
Grew 25%+	3	25.0%
Even, $\pm$ 24.99%	8	66.7%
Shrank 25%+	1	8.3%

Mostly stable, with more growth than shrinkage.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Medicine	10	587	76%	\$57
Biology	1	22	100%	\$0
Physics	1	21	100%	\$0

Almost all biomed, and the physics journal may be concerned with nanobiology.

## Universidad Complutense de Madrid

Spain. No fees. **Key facts:** 38 journals, 1,097 articles in 2-18. One of eleven universities with more than 1,000 OA articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	38	38	37	37	37	36
Articles	1,097	1,130	1,089	1,011	929	917
Change	-2.9%	3.8%	7.7%	8.8%	1.3%	

Slight downturn after four years of modest growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	7	368	17%	53
Small: 20-59	25	650	30%	26
Smallest: 0-19	7	79	4%	11

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	17	4	9	5	4

Strong early presence with continuing introductions since.

Change 2017-18	Count	Percent
Grew 25%+	8	20.5%
Even, $\pm 24.99\%$	22	56.4%
Shrank 25%+	9	23.1%

Mostly stable, with slightly more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Arts & Architecture	7	161	23
Philosophy	4	143	36
Sociology	4	131	33
Media & Communications	4	114	29
History	3	108	36
Education	1	94	94
Language & Literature	4	80	20
Political Science	2	76	38
Library Science	4	70	18
Medicine	1	36	36
Economics	2	35	18
Anthropology	1	29	29
Agriculture	2	20	10

Wide-ranging, predominantly H&SS, with strength in the humanities.

## Universidad de Alicante

Spain. No fees. **Key facts:** ten journals, 265 articles in 2018. Entirely small journals.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	10	10
Articles	265	213	203	188	211	170
Change	24.4%	4.9%	8.0%	-10.9%	24.1%	

Three years of growth.

### Additional Metrics

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	3	2	3	1

Change 2017-18	Count	Percent
Grew 25%+	4	40.0%
Even, $\pm 24.99\%$	6	60.0%

Stable and growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Media & Communications	1	56	56
History	2	40	20
Anthropology	2	38	19
Arts & Architecture	1	37	37
Sociology	1	34	34
Language & Literature	1	32	32
Law	1	18	18
Earth Sciences	1	10	10

Predominantly H&SS.

# Universidad de Antioquia

Colombia. No fees. **Key facts:** 17 journals, 364 articles in 2018.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	17	17	17	17	16	16
Articles	364	450	473	468	385	456
Change	-19.1%	-4.9%	1.1%	21.6%	-15.6%	

Two-year decline from 2016 peak.

## Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	3	71	10%	24
Small: 20-59	11	256	35%	23
Smallest: 0-19	3	37	5%	12

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	7	2	5	2	1

Group of pioneers with slow additions since.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	14	82.4%
Shrank 25%+	3	17.6%

Mostly stable, a little shrinkage.



## Subjects

Subject	Journals	Articles	Art/Jrn
Medicine	4	126	32
Miscellany	1	31	31
Psychology	1	29	29
Political Science	1	26	26
Library Science	1	25	25
Language & Literature	1	24	24
Philosophy	1	22	22
Sociology	1	20	20
Anthropology	2	18	9
Economics	1	14	14
History	1	14	14
Biology	1	8	8
Engineering	1	7	7

Very broad coverage, with strength in medicine.

## Universidad de Buenos Aires

Argentina. No fees. **Key facts:** 15 journals, 326 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	15	15	15	15	14
Articles	326	328	336	268	272	212
Change	-0.6%	-2.4%	25.4%	-1.5%	28.3%	

Tiny two-year decline from 2016 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	12	298	91%	25
Smallest: 0-19	3	28	9%	9

Started	1999-2004	2005-10	2011-14	2015-18
Journals	1	7	6	1

Most journals started 2005-2014.

Change 2017-18	Count	Percent
Grew 25%+	2	13.3%
Even, $\pm 24.99\%$	11	73.3%
Shrank 25%+	2	13.3%

Mostly stable.

### Subjects

Subject	Journals	Articles	Art/Jrn
Anthropology	7	129	18
History	2	56	28
Language & Literature	1	35	35
Library Science	1	20	20
Media & Communications	1	35	35
Sociology	3	51	17

All H&SS.

# Universidad de Chile

Chile. Only one fee journal (\$1,000), so fees table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	30	599			\$63	-93%
Fee	1	38	6%	-89%	\$1,000	-36%
No-fee	29	561	94%	124%		

Almost all no-fee, but the exception is moderately expensive.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	28	29	30	28	28	28
Articles	599	650	705	605	592	516
%No-fee	94%	93%	94%	93%	94%	93%
Change	-7.8%	-7.8%	16.5%	2.2%	14.7%	

Two-year decline from a 2016 peak.

## Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	22	496	92%	\$77
Smallest: 0-19	8	103	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	1	0	0	0
No-fee	11	5	8	5	0

Mostly early, nothing since 2014.

Change 2017-18	Count	Percent
Grew 25%+	2	6.7%
Even, $\pm 24.99\%$	21	70.0%
Shrank 25%+	7	23.3%

Mostly stable, but much more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Language & Literature	4	93	100%	\$0
Media & Communications	2	80	100%	\$0
Medicine	3	75	49%	\$507
Arts & Architecture	3	71	100%	\$0
Anthropology	2	54	100%	\$0
Law	4	51	100%	\$0
Earth Sciences	2	42	100%	\$0
Political Science	3	36	100%	\$0
Philosophy	2	25	100%	\$0
History	1	23	100%	\$0
Sociology	2	21	100%	\$0
Education	1	16	100%	\$0
Economics	1	12	100%	\$0

Predominantly H&SS.

## Universidad de Costa Rica

Costa Rica. No fees. **Key facts:** 24 journals, 658 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	24	24	24	24	23	23
Articles	658	667	683	632	517	493
Change	-1.3%	-2.3%	8.1%	22.2%	4.9%	

Tiny decline since 2016 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	4	229	35%	57
Small: 20-59	16	391	59%	24
Smallest: 0-19	4	38	6%	10

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	7	6	4	7	0

Early start, nothing since 2014.

Change 2017-18	Count	Percent
Grew 25%+	8	33.3%
Even, $\pm 24.99\%$	9	37.5%
Shrank 25%+	7	29.2%

Volatile, with slightly more growth than shrinkage.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Education	2	120	60
Miscellany	2	102	51
Medicine	2	99	50
Agriculture	3	84	28
Anthropology	3	49	16
Religion	1	34	34
Psychology	2	30	15
History	1	25	25
Philosophy	1	22	22
Sociology	1	21	21
Library Science	1	20	20
Mathematics	1	15	15
Arts & Architecture	1	14	14
Language & Literature	1	11	11
Economics	1	10	10
Engineering	1	2	2

Wide-ranging, mostly H&SS.

## Universidad de Granada

Spain. No fees. **Key facts:** 19 journals, 468 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	19	19	18	17	16	16
Articles	468	438	385	336	310	255
Change	6.8%	13.8%	14.6%	8.4%	21.6%	

Growing every year.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	15	410	88%	27
Smallest: 0-19	4	58	12%	15

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	4	7	5	2

Change 2017-18	Count	Percent
Grew 25%+	6	31.6%
Even, $\pm 24.99\%$	11	57.9%
Shrank 25%+	2	10.5%

Mostly stable, much more growth than shrinkage.

### Subjects

Subject	Journals	Articles	Art/Jrn
Education	5	123	25
Anthropology	4	88	22
Political Science	2	61	31
Language & Literature	3	58	19
Earth Sciences	1	50	50
Sociology	1	38	38
Arts & Architecture	1	23	23
Law	1	14	14
History	1	13	13

## Universidad de los Andes

Colombia. No fees. **Key facts:** 10 journals, 175 articles in 2018. (I am assuming that Universidad de los Andes in Venezuela is a separate institution.)

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	7	10	10	10	10	10
Articles	175	237	238	316	323	285
Change	-26.2%	-0.4%	-24.7%	-2.2%	13.3%	

Declining since 2014 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	38	22%	38
Small: 20-59	9	137	78%	15

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	4	0	6	0	0

Four early, the rest in 2005-2010.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	7	70.0%
Shrank 25%+	3	30.0%

Most stable, with three Law journals having no 2018 articles.

### Subjects

Subject	Journals	Articles	Art/Jrn
Sociology	1	38	38
Anthropology	1	31	31
Political Science	1	29	29
History	1	25	25
Arts & Architecture	1	19	19
Language & Literature	1	18	18
Engineering	1	15	15
Law	3	0	



## Universidad de Murcia

Spain. No fees. Key facts: 17 journals, 448 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	16	17	17	17	16
Articles	448	492	491	485	476	441
Change	-8.9%	0.2%	1.2%	1.9%	7.9%	

Down after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	3	189	42%	63
Small: 20-59	10	216	48%	22
Smallest: 0-19	4	43	10%	11

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	7	4	3	2	1

Strong early start, continuing trickle over time.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	13	76.5%
Shrank 25%+	4	23.5%

Mostly stable, some shrinkage.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Philosophy	2	121	61
Language & Literature	3	110	37
Earth Sciences	3	70	23
Education	1	46	46
History	2	32	16
Medicine	1	22	22
Biology	1	17	17
Library Science	2	16	8
Anthropology	1	14	14
Sociology	1	0	0

Mostly H&SS.

## Universidad Distrital Francisco José de Caldas

Colombia. No fees. **Key facts:** Ten journals, 205 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	9	9	9
Articles	205	274	269	203	223	201
Change	-25.2%	1.9%	32.5%	-9.0%	10.9%	

Down substantially from a 2017 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	19	9%	19
Small: 20-59	8	168	82%	21
Smallest: 0-19	1	18	9%	18

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	3	4	0	1

Change 2017-18	Count	Percent
Grew 25%+	1	10.0%
Even, $\pm 24.99\%$	6	60.0%
Shrank 25%+	3	30.0%

### Subjects

Subject	Journals	Articles	Art/Jrn
Arts & Architecture	2	49	25
Language & Literature	2	40	20
Other Sciences	1	28	28
Education	1	25	25
Sociology	1	23	23
Medicine	1	19	19
Ecology	1	15	15
Engineering	1	6	6

Mostly H&SS.

## Universidad Externado de Colombia

Colombia. No fees. Key facts: ten journals, 205 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	8	10	10	10	10	10
Articles	205	238	219	208	283	254
Change	-13.9%	8.7%	5.3%	-26.5%	11.4%	

Down from a 2017 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	9	205	100%	23
Smallest: 0-19	1	0	0%	0

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	6	3	0	0

No additions this decade.

Change 2017-18	Count	Percent
Grew 25%+	1	10.0%
Even, $\pm 24.99\%$	6	60.0%
Shrank 25%+	3	30.0%

Mostly stable, but much more shrinkage than growth.

### Subjects

Subject	Journals	Articles	Art/Jrn
Law	5	100	20
Political Science	2	48	24
Anthropology	1	30	30
Economics	2	27	14

All H&SS.

## Universidad Nacional Autónoma de México

Mexico.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	16	553			\$9	-99%
Fee	1	129	23%	-60%	\$40	-97%
No-fee	15	424	77%	83%		

Almost all no-fee. With only one \$40 fee journal, fee table omitted.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	16	16	16	16	15
Articles	553	604	557	607	515	587
%No-fee	77%	77%	73%	83%	75%	75%
Change	-8.4%	8.4%	-8.2%	17.9%	-12.3%	

Down slightly from 2017; moving in narrow range.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	4	299	57%	\$17
Small: 20-59	11	248	100%	\$0
Smallest: 0-19	1	6	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	1	0	0
No-fee	4	1	8	2	0

Some pioneers, most additions 2005-2010, none recently.

Change 2017-18	Count	Percent
Grew 25%+	2	12.5%
Even, $\pm 24.99\%$	9	56.3%
Shrank 25%+	5	31.3%

Mostly stable, but more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Ecology	1	129	0%	\$40
Earth Sciences	3	88	100%	\$0
Political Science	2	85	100%	\$0
Anthropology	3	79	100%	\$0
Economics	2	76	100%	\$0
Engineering	1	40	100%	\$0
Language & Literature	2	40	100%	\$0
Sociology	1	10	100%	\$0
Biology	1	6	100%	\$0

Most journals are H&SS and so are most articles, but not by much.

## Universidad Nacional de Colombia

Colombia. No fees. **Key facts:** 36 journals, 1,260 articles in 2018. One of the eleven universities with more than 1,000 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	36	36	36	36	34	34
Articles	1,260	1,375	1,245	1,206	1,128	1,032
Change	-8.4%	10.4%	3.2%	6.9%	9.3%	

Down slightly after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Large: 150-599	1	175	14%	175
Med.: 60-149	6	337	27%	56
Small: 20-59	26	704	56%	27
Smallest: 0-19	3	44	3%	15

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	9	11	9	5	2

Started early, continued growing, trailing off somewhat this decade.

Change 2017-18	Count	Percent
Grew 25%+	5	13.9%
Even, $\pm 24.99\%$	25	69.4%
Shrank 25%+	6	16.7%

Mostly stable, with slightly more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Engineering	2	212	106
Medicine	4	159	40
Sociology	3	106	35
Agriculture	2	92	46
History	3	82	27
Earth Sciences	3	75	25
Economics	2	75	38
Philosophy	1	75	75
Ecology	2	71	36
Biology	2	59	30
Language & Literature	2	48	24
Psychology	2	42	21
Education	1	28	28
Chemistry	1	25	25
Anthropology	1	23	23
Zoology	1	21	21
Political Science	1	19	19
Other Sciences	1	18	18
Law	1	16	16
Physics	1	14	14

Very diverse publishing program.



## Universidad Nacional de Córdoba

Argentina. No fees. **Key facts:** 11 journals, 215 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	10	8	8
Articles	215	249	209	221	123	121
Change	-13.7%	19.1%	-5.4%	79.7%	1.7%	

Down from peak in 2017.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	7	179	83%	26
Smallest: 0-19	4	36	17%	9

Started	1999-2004	2005-10	2011-14	2015-18
Journals	1	5	2	3

Change 2017-18	Count	Percent
Grew 25%+	2	18.2%
Even, $\pm 24.99\%$	6	54.5%
Shrank 25%+	3	27.3%

Majority stable; more shrinkage than growth.

### Subjects

Subject	Journals	Articles	Art/Jrn
History	3	65	22
Medicine	1	39	39
Language & Literature	2	37	19
Sociology	1	26	26
Psychology	1	18	18
Philosophy	1	11	11
Economics	1	10	10
Arts & Architecture	1	9	9

Predominantly H&SS; no STEM.

## Universidad Nacional de Educación a Distancia (UNED)

Spain. No fees. **Key facts:** 14 journals, 354 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	14	14	14	12	12
Articles	354	389	329	304	267	258
Change	-9.0%	18.2%	8.2%	13.9%	3.5%	

Down slightly after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	11	325	92%	30
Smallest: 0-19	3	29	8%	10

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	4	1	6	2	1

Early start, then mostly 2005-2010.

Change 2017-18	Count	Percent
Grew 25%+	1	7.1%
Even, $\pm 24.99\%$	9	64.3%
Shrank 25%+	4	28.6%

Mostly stable, but much more shrinkage than growth.

### Subjects

Subject	Journals	Articles	Art/Jrn
History	5	137	27
Education	3	90	30
Law	1	56	56
Arts & Architecture	1	22	22
Sociology	1	20	20
Earth Sciences	1	19	19
Anthropology	1	10	10
Political Science	1	0	

## Universidad Nacional de La Plata

Argentina. No fees. **Key facts:** 26 journals, 532 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	24	25	26	25	24	24
Articles	532	540	540	518	514	558
Change	-1.5%	0.0%	4.2%	0.8%	-7.9%	

Generally level for the past three years.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Large: 150-599	1	107	20%	107
Small: 20-59	15	302	57%	20
Smallest: 0-19	10	123	23%	12

The Large journal had 150 articles for three years running.

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	3	2	8	11	2

Most journals added 2005-2014.

Change 2017-18	Count	Percent
Grew 25%+	3	11.5%
Even, $\pm 24.99\%$	17	65.4%
Shrank 25%+	6	23.1%

Mostly stable, but with twice as much shrinkage as growth.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Media & Communications	5	121	24
Sociology	4	85	21
Language & Literature	3	84	28
History	3	54	18
Anthropology	2	50	25
Political Science	2	44	22
Law	1	26	26
Library Science	1	19	19
Earth Sciences	1	15	15
Zoology	1	13	13
Education	2	12	6
Philosophy	1	9	9

Almost entirely H&SS.

## Universidad Pedagógica y Tecnológica de Colombia

Colombia. No fees. **Key facts:** 13 journals, 291 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	13	13	13	13	13
Articles	291	336	323	258	284	263
Change	-13.4%	4.0%	25.2%	-9.2%	8.0%	

Down after two years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	12	272	93%	23
Smallest: 0-19	1	19	7%	19

Started	1999-2004	2005-10	2011-14	2015-18
Journals	2	10	1	0

Most journals began 2005-2010.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	10	76.9%
Shrank 25%+	3	23.1%

Mostly stable, a few shrinking.

### Subjects

Subject	Journals	Articles	Art/Jrn
History	2	54	27
Other Sciences	2	53	27
Language & Literature	2	47	24
Engineering	2	33	17
Education	1	29	29
Agriculture	1	20	20
Philosophy	1	20	20
Economics	1	19	19
Earth Sciences	1	16	16

Broad range, with no biomed.

## Universidade de Brasília

Brazil. No fees. **Key facts:** 20 journals, 604 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	17	19	20	20	18	18
Articles	604	591	664	702	586	555
Change	2.2%	-11.0%	-5.4%	19.8%	5.6%	

Up a bit after two down years.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	4	193	32%	48
Small: 20-59	12	373	62%	31
Smallest: 0-19	4	38	6%	10

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	4	9	4	2

Ongoing expansion, peaked 2005-10,

Change 2017-18	Count	Percent
Grew 25%+	5	25.0%
Even, $\pm 24.99\%$	12	60.0%
Shrank 25%+	3	15.0%

Mostly stable, more growth than shrinkage.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Law	3	96	32
Language & Literature	2	93	47
Philosophy	2	77	39
Religion	1	55	55
Political Science	2	53	27
Sociology	2	44	22
Anthropology	1	40	40
Psychology	1	40	40
Medicine	1	37	37
History	1	35	35
Economics	1	27	27
Arts & Architecture	2	7	4
Biology	1	0	

Predominantly H&SS, no STEM.

## Universidade de São Paulo

Brazil. One of 11 universities with more than 1,000 OA articles in 2018.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	50	2,113			\$103	-89%
Fee	5	416	20%	-66%	\$524	-67%
No-fee	45	1,697	80%	92%		

Predominantly no-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	49	50	49	50	49	48
Articles	2,113	2,269	2,149	2,236	2,193	2,142
%No-fee	80%	79%	77%	79%	76%	76%
Change	-6.9%	5.6%	-3.9%	2.0%	2.4%	

Moving up and down within a narrow band.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Large: 150-599	3	361	34%	\$355
Med.: 60-149	12	802	78%	\$112
Small: 20-59	35	950	100%	\$0

The cost/volume correlation is here: larger journals have higher fees.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	5	0	0	0	0
No-fee	15	15	10	4	1

Rich in pioneer/early journals, tapered off after 2010.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$600-\$1.399	1	65	\$54,600	\$840
\$200-\$599	3	319	\$160,076	\$502
\$0.01-\$199	1	32	\$3,305	\$103
No fee	45	1,697		



Change 2017-18	Count	Percent
Grew 25%+	6	12.0%
Even, $\pm 24.99\%$	33	66.0%
Shrank 25%+	11	22.0%

Two-thirds stable; shrinkage outnumbers growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	9	763	58%	\$210
Language & Literature	9	266	100%	\$0
Sociology	3	165	100%	\$0
Education	1	139	100%	\$0
Zoology	3	122	74%	\$27
Arts & Architecture	5	120	100%	\$0
Psychology	2	85	100%	\$0
Media & Communications	3	78	100%	\$0
Agriculture	1	65	0%	\$840
Anthropology	3	63	100%	\$0
History	3	62	100%	\$0
Economics	3	58	100%	\$0
Earth Sciences	2	57	100%	\$0
Law	1	36	100%	\$0
Library Science	1	24	100%	\$0
Ecology	1	10	100%	\$0

Broad range of journals, heavy on H&SS, light on STEM.

## Universidade do Estado do Rio de Janeiro

Brazil No fees. **Key facts:** 23 journals, 915 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	22	23	23	22	20	20
Articles	915	1,021	931	801	602	488
Change	-10.4%	9.7%	16.2%	33.1%	23.4%	

Down a bit after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	5	376	41%	75
Small: 20-59	16	518	57%	32
Smallest: 0-19	2	21	2%	11

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	0	10	8	3

Some early, but mostly 2005-14.

Change 2017-18	Count	Percent
Grew 25%+	4	17.4%
Even, $\pm 24.99\%$	12	52.2%
Shrank 25%+	7	30.4%

Majority stable, but more shrinkage than growth.

### Subjects

Subject	Journals	Articles	Art/Jrn
Law	4	326	82
Medicine	3	147	49
Sociology	3	98	33
Earth Sciences	4	87	22
Language & Literature	2	68	34
Education	1	45	45
Philosophy	1	43	43
Miscellany	1	38	38
Arts & Architecture	1	22	22
Political Science	1	20	20
Ecology	1	18	18
Mathematics	1	3	3

Very strong in law.

## Universidade do Vale do Rio dos Sinos

Brazil. No fees. **Key facts:** ten journals, 330 articles in 2018.

### Articles and Volumes by Date

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	10	10
Articles	330	307	272	256	244	231
Change	7.5%	12.9%	6.3%	4.9%	5.6%	

Growing every year.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	43	13%	43
Small: 20-59	8	271	82%	34
Smallest: 0-19	1	16	5%	16

Started	1999-2004	2005-10	2011-14	2015-18
Journals	2	7	1	0

Mostly 2005-2010, none very recent.

Change 2017-18	Count	Percent
Grew 25%+	3	30.0%
Even, $\pm 24.99\%$	6	60.0%
Shrank 25%+	1	10.0%

Stable or growing, with one exception.

### Subjects

Subject	Journals	Articles	Art/Jrn
Media & Communications	2	39	20
Miscellany	2	79	40
Ecology	1	42	42
Economics	1	27	27
Education	1	51	51
Language & Literature	1	22	22
Law	1	34	34
Medicine	1	36	36

## Universidade Estadual de Campinas

Brazil. No fees. **Key facts:** 21 journals, 834 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	20	21	21	20	19	18
Articles	834	836	739	732	687	643
Change	-0.2%	13.1%	1.0%	6.6%	6.8%	

Flat after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Large: 150-599	1	68	8%	68
Med.: 60-149	5	300	36%	60
Small: 20-59	15	466	56%	31

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	6	10	2	2

Most growth 1999-2010.

Change 2017-18	Count	Percent
Grew 25%+	4	19.0%
Even, $\pm 24.99\%$	14	66.7%
Shrank 25%+	3	14.3%

Two-thirds stable and more growing than shrinking.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Education	5	297	59
Anthropology	4	156	39
Language & Literature	1	66	66
Ecology	1	42	42
Earth Sciences	1	40	40
Library Science	1	40	40
Economics	1	38	38
Philosophy	1	36	36
Arts & Architecture	1	31	31
History	1	30	30
Political Science	1	23	23
Sociology	1	18	18
Other Sciences	1	17	17
Medicine	1	0	0

Strongest in H&SS, as is frequently the case.

## Universidade Estadual de Londrina

Brazil.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	17	771			\$38	-96%
Fee	1	258	33%	-42%	\$114	-93%
No-fee	16	513	67%	59%		

Only one fee journal, but it's a big one. (Fee table omitted: all \$114.)

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	17	17	17	17	17
Articles	771	821	787	865	790	713
%No-fee	67%	57%	51%	54%	50%	54%
Change	-6.1%	4.3%	-9.0%	9.5%	10.8%	

Changeable since 2014 within a 94-article range.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	258	0%	\$114
Med.: 60-149	1	85	100%	\$0
Small: 20-59	13	391	100%	\$0
Smallest: 0-19	2	37	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	0	0	0	0
No-fee	7	1	6	2	0

Mostly either pioneers or added in 2005-2010.

Change 2017-18	Count	Percent
Grew 25%+	4	23.5%
Even, $\pm 24.99\%$	9	52.9%
Shrank 25%+	4	23.5%

Majority balanced, and even split between growth and shrinking.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Agriculture	1	258	0%	\$114
Library Science	1	85	100%	\$0
Law	2	81	100%	\$0
Miscellany	2	75	100%	\$0
History	1	43	100%	\$0
Psychology	1	40	100%	\$0
Arts & Architecture	1	39	100%	\$0
Ecology	1	31	100%	\$0
Language & Literature	2	27	100%	\$0
Medicine	1	22	100%	\$0
Sociology	1	20	100%	\$0
Other Sciences	1	19	100%	\$0
Economics	1	18	100%	\$0
Media & Communications	1	13	100%	\$0

Most journals and articles are H&SS, but the big one is STEM.



## Universidade Estadual Paulista

Brazil.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	20	934			\$6	-99%
Fee	2	51	5%	-91%	\$116	-93%
No-fee	18	883	95%	126%		

Primarily no-fee. Only one \$116 fee journal had articles in 2018, so the fee table is omitted as redundant.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	18	18	18	18	18	17
Articles	934	1,184	1,006	843	853	850
%No-fee	95%	85%	87%	79%	78%	79%
Change	-21.1%	17.7%	19.3%	-1.2%	0.4%	

Down after two strong years. This university is sometimes in the thousand-article group, but not in 2018.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	2	166	69%	\$36
Med.: 60-149	9	515	100%	\$0
Small: 20-59	8	244	100%	\$0
Smallest: 0-19	1	9	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	0	1	0	0
No-fee	6	4	3	3	2

Several pioneers and a steady small stream of added journals.

Change 2017-18	Count	Percent
Grew 25%+	2	10.0%
Even, $\pm 24.99\%$	12	60.0%
Shrank 25%+	6	30.0%

Mostly stable, but more shrinking than growing.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Medicine	4	232	78%	\$26
Education	3	166	100%	\$0
Miscellany	1	80	100%	\$0
Sociology	3	76	100%	\$0
Anthropology	1	70	100%	\$0
Mathematics	1	63	100%	\$0
Engineering	1	58	100%	\$0
Earth Sciences	1	56	100%	\$0
History	1	49	100%	\$0
Philosophy	1	40	100%	\$0
Language & Literature	1	23	100%	\$0
Psychology	1	21	100%	\$0
Agriculture	1	0		

Broad range of subjects.

# Universidade Estadual Paulista Julio de Mesquita Filho

Brazil.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	10	448			\$8	-99%
Fee	2	90	20%	-65%	\$40	-97%
No-fee	8	358	80%	91%		

Unusual: the fee/no-fee ratio is identical for journals and articles.

## Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	9	9
Articles	448	460	493	398	374	260
%No-fee	80%	79%	84%	80%	84%	81%
Change	-2.6%	-6.7%	23.9%	6.4%	43.8%	

Two slightly down years after three growing years.

## Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	133	100%	\$0
Med.: 60-149	1	50	100%	\$0
Small: 20-59	7	250	64%	\$14
Smallest: 0-19	1	15	100%	\$0

187 in 2016 and 66 in 2014, if you're wondering.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	1	0	1
No-fee	2	2	2	1	1

	Journals	Articles	Revenue	\$/article
\$0.01-\$199	2	90	\$3,563	\$40
No fee	8	358		

Neither fee journal charges \$40, but that's how it averages out (actually \$39.59.)

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	2	20.0%
Even, $\pm 24.99\%$	7	70.0%
Shrank 25%+	1	10.0%

Mostly stable, and growth outnumbers shrinkage.

### **Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	2	174	100%	\$0
Ecology	2	79	49%	\$12
Agriculture	2	65	23%	\$40
Sociology	1	50	100%	\$0
Language & Literature	2	44	100%	\$0
History	1	36	100%	\$0

Articles are predominantly H&SS.

## Universidade Federal da Bahia

Brazil. No fees. **Key facts:** 13 journals, 510 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	13	13	13	12	12
Articles	510	524	453	500	464	448
Change	-2.7%	15.7%	-9.4%	7.8%	3.6%	

Small decline after 2017 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	3	190	37%	63
Small: 20-59	10	320	63%	32

Started	1999-2004	2005-10	2011-14	2015-18
Journals	2	6	3	2

Most growth in 2005-2010.

Change 2017-18	Count	Percent
Grew 25%+	1	7.7%
Even, $\pm 24.99\%$	9	69.2%
Shrank 25%+	3	23.1%

Mostly stable, but more journals shrank than grew.

### Subjects

Subject	Journals	Articles	Art/Jrn
Other Sciences	1	98	98
Sociology	3	95	32
Anthropology	2	59	30
Philosophy	1	56	56
Language & Literature	1	46	46
Economics	1	40	40
Zoology	1	36	36
Media & Communications	1	33	33
Education	1	25	25

Earth Sciences	1	22	22
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## Universidade Federal da Grande Dourados

Brazil. No fees. **Key facts:** 11 journals, 311 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	11	11	9
Articles	311	368	361	310	273	253
Change	-15.5%	1.9%	16.5%	13.6%	7.9%	

Down after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Medium: 60-149	2	90	29%	45
Small: 20-59	9	221	71%	25

Started	1999-2004	2005-10	2011-14	2015-18
Journals	1	5	4	1

Change 2017-18	Count	Percent
Grew 25%+	2	18.2%
Even, $\pm 24.99\%$	6	54.5%
Shrank 25%+	3	27.3%

Mostly stable, but more shrinking than growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Language & Literature	2	60	30
History	2	58	29
Agriculture	1	48	48
Law	1	44	44
Political Science	1	34	34
Miscellany	1	29	29
Anthropology	1	21	21
Education	1	10	10
Earth Sciences	1	7	7

Mostly H&SS.

## Universidade Federal da Paraíba

Brazil. No fees. **Key facts:** 15 journals, 439 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	15	15	14	14	12
Articles	439	446	376	390	314	264
Change	-1.6%	18.6%	-3.6%	24.2%	18.9%	

Down seven articles from 2017 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	14	425	97%	30
Smallest: 0-19	1	14	3%	14

Started	1999-2004	2005-10	2011-14	2015-18
Journals	2	3	9	1

Mostly 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	3	20.0%
Even, $\pm 24.99\%$	8	53.3%
Shrank 25%+	4	26.7%

Mostly stable, slightly more shrinkage than growth.



**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Library Science	2	73	37
Education	1	48	48
Anthropology	1	45	45
Economics	2	45	23
Philosophy	1	40	40
Political Science	2	36	18
Language & Literature	1	28	28
Religion	1	28	28
Law	1	27	27
Media & Communications	1	25	25
Arts & Architecture	1	24	24
Sociology	1	20	20

Entirely H&SS.

## Universidade Federal de Goiás

Brazil. With only one fee journal at \$181, fee table is omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	19	732			\$10	-99%
Fee	1	40	5%	-91%	\$181	-88%
No-fee	18	692	95%	126%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	19	19	19	19	19	19
Articles	732	679	746	803	852	711
%No-fee	95%	91%	91%	91%	88%	84%
Change	7.8%	-9.0%	-7.1%	-5.8%	19.8%	

Some recovery after three years of decline.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	10	459	91%	\$16
Small: 20-59	9	273	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	1	0	0	0
No-fee	8	5	5	0	0

Strong early on, nothing this decade.

Change 2017-18	Count	Percent
Grew 25%+	4	21.1%
Even, $\pm 24.99\%$	13	68.4%
Shrank 25%+	2	10.5%

Mostly stable, and the rest mostly growing.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	3	144	100%	\$0
Earth Sciences	3	96	100%	\$0
Anthropology	1	86	100%	\$0
Zoology	1	63	100%	\$0
Medicine	2	61	34%	\$119
Agriculture	1	60	100%	\$0
Engineering	1	43	100%	\$0
Sociology	1	34	100%	\$0
Law	1	31	100%	\$0
Arts & Architecture	1	29	100%	\$0
Miscellany	1	27	100%	\$0
Language & Literature	1	22	100%	\$0
History	1	20	100%	\$0
Philosophy	1	16	100%	\$0

A broad range of journals.

## Universidade Federal de Minas Gerais

Brazil. One of eleven universities with more than 1,000 2018 articles.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	25	1,390			\$118	-87%
Fee	2	347	25%	-57%	\$474	-70%
No-fee	23	1,043	75%	79%		

The fee journals are larger, but still three-quarters no-fee articles overall.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	25	25	25	21	21	20
Articles	1,390	1,345	1,118	982	990	891
%No-fee	75%	77%	74%	69%	66%	62%
Change	3.3%	20.3%	13.8%	-0.8%	11.1%	

Three years of growth (and a trivial drop in 2015).

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	265	0%	\$550
Med.: 60-149	8	573	86%	\$33
Small: 20-59	15	538	100%	\$0
Smallest: 0-19	1	14	100%	\$0

For what it's worth, the cost/volume correlation applies here.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	1	0	0	0
No-fee	5	2	10	2	4

Active since early days, strongest 2005-2010.

	Journals	Articles	Revenue	\$/article
\$200-\$599	2	347	\$164,382	\$474
No fee	23	1,043		

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	6	24.0%
Even, $\pm 24.99\%$	14	56.0%
Shrank 25%+	5	20.0%

A majority stable, and slightly more growing than shrinking.

### Subjects

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Language & Literature	7	293	100%	\$0
Zoology	1	265	0%	\$550
History	3	138	100%	\$0
Education	2	128	100%	\$0
Technology	1	112	100%	\$0
Economics	3	88	100%	\$0
Medicine	1	82	0%	\$227
Anthropology	2	62	100%	\$0
Religion	1	62	100%	\$0
Philosophy	1	48	100%	\$0
Political Science	1	43	100%	\$0
Library Science	1	42	100%	\$0
Sociology	1	27	100%	\$0

A broad range of journals with special strength in language & literature.

## Universidade Federal de Santa Catarina

Brazil. One of eleven universities with more than 1,000 2018 articles.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	33	1,504			\$34	-96%
Fee	2	157	10%	-82%	\$326	-79%
No-fee	31	1,347	90%	114%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	31	33	33	32	31	31
Articles	1,504	1,560	1,504	1,419	1,292	1,360
%No-fee	90%	88%	89%	86%	84%	81%
Change	-3.6%	3.7%	6.0%	9.8%	-5.0%	

Small decline brings volume back to 2016 level.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	13	917	83%	\$56
Small: 20-59	20	587	100%	\$0

No large journals, but also no very small ones.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	1	0	0	0
No-fee	9	11	8	1	2

Strong in early years, continued growth to 2010, not much since.

	Journals	Articles	Revenue	\$/article
\$200-\$599	1	131	\$47,355	\$361
\$0.01-\$199	1	26	\$3,900	\$150
No fee	31	1,347		

Change 2017-18	Count	Percent
Grew 25%+	8	24.2%
Even, $\pm 24.99\%$	17	51.5%
Shrank 25%+	8	24.2%

Half stable, half evenly balanced between growth and shrinkage.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Anthropology	5	355	100%	\$0
Language & Literature	9	322	100%	\$0
Medicine	2	164	20%	\$289
Education	2	114	100%	\$0
Economics	3	111	100%	\$0
Engineering	2	101	100%	\$0
Arts & Architecture	1	64	100%	\$0
Library Science	1	57	100%	\$0
Sociology	1	54	100%	\$0
Political Science	2	44	100%	\$0
Physics	1	41	100%	\$0
Law	1	33	100%	\$0
Biology	1	26	0%	\$150
Philosophy	1	18	100%	\$0
Psychology	1	0		

Broad-ranging, but clearly strongest in H&SS. The only fees are in biomed.

## Universidade Federal de Santa Maria

Brazil. Both fee journals have nominal fees, so the fee table is omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	12	845			\$24	-97%
Fee	2	228	27%	-54%	\$89	-94%
No-fee	10	617	73%	74%		

Once again, the fee journals have more articles per journal, but nearly three-quarters of all articles are in no-fee journals.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	12	12	12	12	12	11
Articles	845	937	887	850	776	803
%No-fee	73%	80%	80%	83%	79%	82%
Change	-9.8%	5.6%	4.4%	9.5%	-3.4%	

Down year after three years of growth, returning to 2015 levels.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	2	404	60%	\$31
Med.: 60-149	4	219	69%	\$36
Small: 20-59	6	222	100%	\$0

No cost/volume correlation.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	0	0	1	0
No-fee	1	3	3	3	0

Change 2017-18	Count	Percent
Grew 25%+	4	33.3%
Even, $\pm 24.99\%$	5	41.7%
Shrank 25%+	3	25.0%

Volatile, with more growing than shrinking.



**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Zoology	1	243	100%	\$0
Agriculture	1	161	0%	\$77
Education	3	161	100%	\$0
Medicine	1	67	0%	\$116
Law	1	52	100%	\$0
Computer Science	1	46	100%	\$0
Arts & Architecture	1	43	100%	\$0
Sociology	1	26	100%	\$0
Language & Literature	1	24	100%	\$0
Economics	1	22	100%	\$0

Most articles are in STEM.

## Universidade Federal de Uberlândia

Brazil. No fees. **Key facts:** ten journals, 460 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	9	10	10	9	9	9
Articles	460	459	410	337	372	333
Change	0.2%	12.0%	21.7%	-9.4%	11.7%	

Three years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	2	189	41%	95
Small: 20-59	7	271	59%	39
Smallest: 0-19	1	0	0%	

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	1	4	3	1	1

Change 2017-18	Count	Percent
Grew 25%+	2	20.0%
Even, $\pm 24.99\%$	5	50.0%
Shrank 25%+	3	30.0%

Half stable, rest shrinking more than growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Education	3	134	45
Earth Sciences	2	113	57
Language & Literature	1	89	89
History	1	52	52
Arts & Architecture	1	43	43
Medicine	1	29	29
Media & Communications	1	0	

Mostly H&SS.

## Universidade Federal do Ceará

Brazil.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	11	537			\$52	-94%
Fee	2	153	28%	-51%	\$183	-88%
No-fee	9	384	72%	71%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	10	9	10
Articles	537	561	583	694	651	567
%No-fee	72%	61%	43%	43%	25%	32%
Change	-4.3%	-3.8%	-16.0%	6.6%	14.8%	

Three years of mild decline after two years of mild growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	72	0%	\$258
Med.: 60-149	4	254	68%	\$37
Small: 20-59	6	211	100%	\$0

A form of the cost/volume correlation is apparent here.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	1	1	0	0
No-fee	1	1	4	2	1

	Journals	Articles	Revenue	\$/article
\$200-\$599	1	72	\$18,591	\$258
\$0.01-\$199	1	81	\$9,411	\$116
No fee	9	384		

Change 2017-18	Count	Percent
Grew 25%+	3	27.3%
Even, $\pm 24.99\%$	6	54.5%
Shrank 25%+	2	18.2%

A majority stable, more growing than shrinking among the rest.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	2	134	46%	\$139
Language & Literature	2	87	100%	\$0
Agriculture	1	81	0%	\$116
Earth Sciences	2	69	100%	\$0
Political Science	1	58	100%	\$0
Psychology	1	38	100%	\$0
Education	1	35	100%	\$0
Sociology	1	35	100%	\$0

Diverse set of journals.

## Universidade Federal do Paraná

Brazil. No fees. **Key facts:** ten journals, 509 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	9	10	10	10	10	9
Articles	509	502	441	395	412	319
Change	1.4%	13.8%	11.6%	-4.1%	29.2%	

Three years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	2	255	50%	128
Small: 20-59	7	254	50%	36
Smallest: 0-19	1	0	0%	0

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	3	2	2	3	0

Change 2017-18	Count	Percent
Grew 25%+	2	20.0%
Even, $\pm 24.99\%$	6	60.0%
Shrank 25%+	2	20.0%

Mostly stable, others balanced.

### Subjects

Subject	Journals	Articles	Art/Jrn
Ecology	1	139	139
Education	1	116	116
Law	2	84	42
Earth Sciences	2	79	40
History	1	37	37
Political Science	1	29	29
Psychology	1	25	25
Library Science	1	0	0

## Universidade Federal do Rio de Janeiro

Brazil. One of eleven universities with more than 1,000 OA articles in 2018. Since there's only one fee journal (fee \$297), fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	22	1,266			\$24	-97%
Fee	1	102	8%	-86%	\$297	-81%
No-fee	21	1,164	92%	120%		

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	22	22	20	19	18	17
Articles	1,266	1,035	808	720	643	558
%No-fee	92%	90%	87%	87%	84%	82%
Change	22.3%	28.1%	12.2%	12.0%	15.2%	

Five years of solid growth, and increasingly no-fee.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	2	484	100%	\$0
Med.: 60-149	3	234	56%	\$129
Small: 20-59	17	548	100%	\$0

Obviously no cost/volume correlation.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	1	0	0
No-fee	2	4	8	4	3

Biggest growth in 2005-2010.

Change 2017-18	Count	Percent
Grew 25%+	8	36.4%
Even, $\pm$ 24.99%	11	50.0%
Shrank 25%+	3	13.6%

Half stable, the rest mostly growing.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Engineering	1	322	100%	\$0
Medicine	3	200	49%	\$151
Earth Sciences	2	185	100%	\$0
Psychology	2	117	100%	\$0
Sociology	3	105	100%	\$0
Anthropology	3	89	100%	\$0
History	2	62	100%	\$0
Education	1	54	100%	\$0
Economics	2	49	100%	\$0
Law	1	36	100%	\$0
Political Science	1	24	100%	\$0
Language & Literature	1	23	100%	\$0

Most articles are *not* in H&SS, which is somewhat unusual for this group of universities.

## Universidade Federal do Rio Grande do Sul

Brazil. Only one fee journal (\$150 fee), so fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	19	766			\$17	-98%
Fee	1	89	12%	-80%	\$150	-90%
No-fee	18	677	88%	111%		

Another case of all no-fee except one (medical here) journal.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	19	19	19	18	18	18
Articles	766	794	729	697	669	663
%No-fee	88%	93%	88%	86%	88%	86%
Change	-3.5%	8.9%	4.6%	4.2%	0.9%	

Small dip after four years of growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	6	369	76%	\$36
Small: 20-59	13	397	100%	\$0

Yes, technically there is a cost/volume correlation of sorts.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	1	0	0
No-fee	5	5	2	5	1

Early solid start, fairly steady additions, fewer of late.

Change 2017-18	Count	Percent
Grew 25%+	3	15.8%
Even, $\pm 24.99\%$	11	57.9%
Shrank 25%+	5	26.3%

Mostly stable, but more shrinking than growing.



**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	2	128	100%	\$0
Medicine	1	89	0%	\$150
Media & Communications	2	87	100%	\$0
Anthropology	2	86	100%	\$0
Political Science	3	82	100%	\$0
Language & Literature	2	59	100%	\$0
Library Science	1	50	100%	\$0
Sociology	1	41	100%	\$0
Psychology	1	39	100%	\$0
History	1	32	100%	\$0
Economics	1	31	100%	\$0
Religion	1	26	100%	\$0
Biology	1	16	100%	\$0

Predominantly H&SS, with no STEM.

## Universidade Federal Fluminense

Brazil. No fees. Key facts: 14 journals, 380 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	12	14	14	14	12	11
Articles	380	386	427	360	317	357
Change	-1.6%	-9.6%	18.6%	13.6%	-11.2%	

Down two years from 2016 peak, but still above 2015.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	3	107	28%	36
Small: 20-59	10	259	68%	26
Smallest: 0-19	1	14	4%	14

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	0	7	4	1

Half started 2005-2010.

Change 2017-18	Count	Percent
Grew 25%+	3	21.4%
Even, $\pm 24.99\%$	8	57.1%
Shrank 25%+	3	21.4%

Mostly stable, the remainder balanced.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Language & Literature	3	99	33
Media & Communications	3	75	25
Psychology	1	39	39
Arts & Architecture	1	38	38
History	2	38	19
Education	1	33	33
Political Science	1	30	30
Anthropology	1	14	14
Economics	1	14	14

Entirely H&SS, with special strengths in language-related fields.

## Universidade Nove de Julho

Brazil. No fees. **Key facts:** 13 journals, 492 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	13	13	13	12	12	12
Articles	492	480	459	391	372	371
Change	2.5%	4.6%	17.4%	5.1%	0.3%	

Five years of growth.

### Journal-based Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	3	184	37%	61
Small: 20-59	10	308	63%	31

Started	1999-2004	2005-10	2011-14	2015-18
Journals	5	3	5	0

No pioneers and no very recent new journals.

Change 2017-18	Count	Percent
Grew 25%+	2	15.4%
Even, $\pm 24.99\%$	9	69.2%
Shrank 25%+	2	15.4%

Mostly stable, the remainder balanced.

### Subjects

Subject	Journals	Articles	Art/Jrn
Education	4	175	44
Economics	3	120	40
Medicine	2	81	41
Engineering	1	48	48
Law	2	40	20
Zoology	1	28	28

Most articles are H&SS.

## Università degli Studi di Milano

Italy. No fees. **Key facts:** 18 journals, 499 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	17	17	18	15	16
Articles	499	617	522	489	442	401
Change	-19.1%	18.2%	6.7%	10.6%	10.2%	

Drop after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	4	326	65%	82
Small: 20-59	11	152	30%	14
Smallest: 0-19	3	21	4%	7

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	1	6	7	2

Most new journals introduced 2005-2014.

Change 2017-18	Count	Percent
Grew 25%+	7	38.9%
Even, $\pm 24.99\%$	4	22.2%
Shrank 25%+	7	38.9%

Quite volatile; growth and shrinkage balanced.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Language & Literature	7	261	37
Religion	1	113	113
Philosophy	3	40	13
Law	1	29	29
Earth Sciences	1	27	27
Miscellany	1	17	17
Sociology	1	8	8
Zoology	1	4	4
Anthropology	2	0	0

Predominantly H&SS, with most articles in language & literature.

## Universitas Airlangga

Indonesia. All fee journals cost less than \$199, so fee table omitted. All journals even within  $\pm 24.99\%$ , so growth/shrinkage table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	10	281			\$65	-93%
Fee	8	259	92%	59%	\$70	-96%
No-fee	2	22	8%	-81%		

Almost all low-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	10	10	10	8	4	2
Articles	281	291	273	197	123	63
%No-fee	8%	8%	13%	5%	0%	0%
Change	-3.4%	6.6%	38.6%	60.2%	95.2%	

Small dip after four straight years of growth.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Med.: 60-149	1	39	0%	\$100
Small: 20-59	6	202	5%	\$64
Smallest: 0-19	3	40	30%	\$32

<b>Journals</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	1	3	4
No-fee	0	0	2

Mostly recent.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Medicine	3	102	0%	\$66
Political Science	2	72	0%	\$71
Zoology	1	52	0%	\$105
Economics	2	24	50%	\$4
Computer Science	1	21	0%	\$35
Library Science	1	10	100%	\$0

Diverse, with strength in medicine.



## Universitas Gadjah Mada

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	41	986			\$68	-93%
Fee	26	662	67%	15%	\$101	-94%
No-fee	15	324	33%	-21%		

Two-thirds fee, albeit modest fees.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	39	41	39	38	36	34
Articles	986	985	1,013	1,016	849	823
%No-fee	33%	30%	31%	24%	26%	27%
Change	0.1%	-2.8%	-0.3%	19.7%	3.2%	

Flat after two years of small declines.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	6	294	23%	\$94
Small: 20-59	26	587	31%	\$65
Smallest: 0-19	9	105	71%	\$10

The common correlation: higher volumes, higher per-article costs.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	10	5	5	5	1
No-fee	1	1	2	4	7

Strong in early days; no-fee journals emerging recently.

	Journals	Articles	Revenue	\$/article
\$200-\$599	3	158	\$37,000	\$234
\$0.01-\$199	23	504	\$29,761	\$59
No fee	15	324		

Highest fees are \$300; lowest, \$14.00

Change 2017-18	Count	Percent
Grew 25%+	9	22.0%
Even, $\pm 24.99\%$	23	56.1%
Shrank 25%+	9	22.0%

Just over half stable, the rest split evenly.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Technology	4	131	71%	\$18
Medicine	5	129	59%	\$31
Agriculture	5	118	31%	\$42
Chemistry	1	104	0%	\$200
Sociology	4	96	13%	\$50
Zoology	2	87	0%	\$143
Political Science	4	62	18%	\$70
Earth Sciences	3	59	22%	\$131
Law	1	34	0%	\$35
Economics	2	30	100%	\$0
Psychology	2	30	0%	\$36
Engineering	1	29	100%	\$0
Miscellany	1	20	0%	\$53
Computer Science	1	17	0%	\$70
Biology	1	16	0%	\$53
Philosophy	1	14	100%	\$0
Language & Literature	1	10	100%	\$0
Arts & Architecture	1	0		
Ecology	1	0		

Diverse set of journals, with most articles in STEM.

## Universitas Indonesia

Indonesia. Both fee journals charge less than \$200; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	21	496			\$8	-99%
Fee	2	53	11%	-82%	\$73	-95%
No-fee	19	443	89%	113%		

Predominantly no-fee, except for two medical journals.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	20	19	19	19	16	15
Articles	496	460	413	491	448	328
%No-fee	89%	90%	89%	88%	82%	72%
Change	7.8%	11.4%	-15.9%	9.6%	36.6%	

Two years of growth, back above 2015 levels.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	1	171	100%	\$0
Med.: 60-149	1	33	0%	\$56
Small: 20-59	6	154	87%	\$13
Smallest: 0-19	13	138	100%	\$0

No cost/volume correlation because the large journal is no-fee.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	1	1	0
No-fee	1	4	5	4	5

Steady trickle of new journals since 1999.

Change 2017-18	Count	Percent
Grew 25%+	4	19.0%
Even, $\pm 24.99\%$	16	76.2%
Shrank 25%+	1	4.8%

Three-quarters stable, only one shrinking journal.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Technology	2	195	100%	\$0
Medicine	6	128	59%	\$30
Economics	4	35	100%	\$0
Law	2	31	100%	\$0
Other Sciences	1	26	100%	\$0
Political Science	2	23	100%	\$0
Anthropology	1	17	100%	\$0
Computer Science	1	14	100%	\$0
Sociology	1	14	100%	\$0
Psychology	1	13	100%	\$0

Diverse set of journals; no segment has a majority of articles.

## Universitas Islam Bandung

Indonesia. No journal charges \$200 or more; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	10	212			\$53	-94%
Fee	3	104	49%	-16%	\$109	-93%
No-fee	7	108	51%	22%		

Bare majority of no-fee articles although 70% no-fee journals.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	8	9	6	5	4	5
Articles	212	216	141	79	60	66
%No-fee	51%	51%	42%	19%	35%	38%
Change	-1.9%	53.2%	78.5%	31.7%	-9.1%	

Tiny decline after three years of substantial growth.

	Journals	Articles	%No-fee	\$/article
Small: 20-59	5	171	49%	\$64
Smallest: 0-19	5	41	59%	\$9

The cost/volume correlation is there, such as it is.

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	2	0	1	0
No-fee	1	1	1	4

Note recent growth in no-fee journals, reflected in article percentages.

Change 2017-18	Count	Percent
Grew 25%+	2	20.0%
Even, $\pm$ 24.99%	7	70.0%
Shrank 25%+	1	10.0%

Mostly stable, and only one shrinking journal.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Sociology	2	51	0%	\$141
Ecology	1	43	100%	\$0
Medicine	1	36	0%	\$105
Mathematics	2	24	100%	\$0
Media & Communications	1	22	100%	\$0
Economics	1	19	100%	\$0
Religion	1	17	0%	\$21
Law	1	0		

A bare majority of articles are H&SS.

## Universitas Negeri Malang

Indonesia. No journal charges \$200 or more; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	16	232			\$11	-99%
Fee	4	70	30%	-48%	\$38	-98%
No-fee	12	162	70%	67%		

Mostly no-fee, the rest low-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	16	13	11	8	5
Articles	232	284	220	223	203	177
%No-fee	70%	73%	68%	51%	58%	38%
Change	-18.3%	29.1%	-1.3%	9.9%	14.7%	

Down in 2018, but still above 2016.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	9	156	61%	\$16
Smallest: 0-19	7	76	88%	\$2

Technically, the cost/volume correlation is present.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	0	2	2
No-fee	1	0	1	2	8

Note recent upsurge in no-fee journals (and article percentage).

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	10	62.5%
Shrank 25%+	6	37.5%

Mostly stable, but no growing journals and quite a few shrinking.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	4	62	35%	\$23
Engineering	2	32	100%	\$0
Language & Literature	2	25	100%	\$0
Miscellany	1	21	0%	\$50
Sociology	1	21	100%	\$0
Economics	1	20	100%	\$0
Earth Sciences	1	14	100%	\$0
Psychology	1	12	100%	\$0
Library Science	1	10	100%	\$0
Biology	1	9	0%	\$21
Arts & Architecture	1	6	100%	\$0

Most articles are in H&SS.



## Universitas Negeri Semarang

Indonesia. One of eleven universities with more than 1,000 articles in 2018. No journal charges \$200 or more; fee table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	92	2,176			\$24	-97%
Fee	23	849	39%	-33%	\$61	-96%
No-fee	69	1,327	61%	46%		

Mostly no-fee, although the low-fee journals are generally larger.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	83	88	82	83	81	75
Articles	2,176	2,171	1,802	1,879	1,825	1,646
%No-fee	61%	67%	65%	72%	72%	72%
Change	0.2%	20.5%	-4.1%	3.0%	10.9%	

Essentially flat but after a strong 2017.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Med.: 60-149	8	470	36%	\$40
Small: 20-59	62	1,507	65%	\$22
Smallest: 0-19	22	199	89%	\$4

The cost/volume correlation applies here.

<b>Journals</b>	<b>1999-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	1	7	12	3
No-fee	0	13	45	11

Strongest growth in 2011-2014, tapering off since.

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	16	17.4%
Even, $\pm 24.99\%$	55	59.8%
Shrank 25%+	21	22.8%

Mostly stable, but more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	25	602	58%	\$15
Economics	8	274	72%	\$19
Biology	3	150	7%	\$13
Anthropology	7	146	69%	\$22
Language & Literature	9	146	79%	\$15
Chemistry	4	114	78%	\$23
Medicine	4	112	34%	\$77
Mathematics	4	97	74%	\$8
Media & Communications	1	94	0%	\$125
Arts & Architecture	3	82	73%	\$36
Earth Sciences	3	79	100%	\$0
Engineering	4	55	73%	\$10
Sociology	2	44	100%	\$0
Other Sciences	2	33	100%	\$0
Agriculture	1	30	0%	\$35
History	2	29	31%	\$73
Physics	3	26	100%	\$0
Psychology	1	18	100%	\$0
Political Science	1	13	100%	\$0
Law	2	12	100%	\$0
Miscellany	1	12	100%	\$0
Computer Science	1	8	100%	\$0
Ecology	1	0		

A robust and diverse publishing program; no segment dominates.

## Universitas Negeri Surabaya

Indonesia. The fee journal charges \$100; fee table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	17	466			\$4	-100%
Fee	1	19	4%	-93%	\$100	-94%
No-fee	16	447	96%	129%		

Almost entirely no-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	16	17	15	13	12	12
Articles	466	573	614	477	626	582
%No-fee	96%	98%	98%	98%	98%	98%
Change	-18.7%	-6.7%	28.7%	-23.8%	7.6%	

Somewhat volatile publication history.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Med.: 60-149	6	288	100%	\$0
Small: 20-59	5	96	100%	\$0
Smallest: 0-19	6	82	77%	\$23

No cost/volume correlation, since the fee journal is very small.

<b>Journals</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	1	0
No-fee	1	9	6

Most journals started 2011-2014, a few since them.

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	3	17.6%
Even, $\pm 24.99\%$	9	52.9%
Shrank 25%+	5	29.4%

Mostly stable, but shrinkage substantially more than growth.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	8	348	100%	\$0
Mathematics	1	32	100%	\$0
Economics	2	26	100%	\$0
Anthropology	1	19	0%	\$100
Medicine	1	15	100%	\$0
Biology	2	12	100%	\$0
Chemistry	1	7	100%	\$0
Language & Literature	1	7	100%	\$0

More than two-thirds education.

## Universitas Negeri Yogyakarta

Indonesia. No journal charges \$200 or more; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	23	463			\$26	-97%
Fee	12	246	53%	-9%	\$49	-97%
No-fee	11	217	47%	12%		

A slight majority of articles (and journals) involve fees.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	23	23	22	21	18	14
Articles	463	487	467	476	424	329
%No-fee	47%	47%	44%	45%	40%	47%
Change	-4.9%	4.3%	-1.9%	12.3%	28.9%	

Fluctuating within a 24-article band since 2015.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	17	374	58%	\$24
Smallest: 0-19	6	89	0%	\$34

Unusual: the smallest journals have the highest average cost.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	0	1	9	1
No-fee	1	1	1	5	3

A trickle of new journals except for a flow in 2011-2014.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	21	91.3%
Shrank 25%+	2	8.7%

Nearly all stable.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	13	275	22%	\$40
Language & Literature	2	44	100%	\$0
Other Sciences	2	30	100%	\$0
Media & Communications	1	22	100%	\$0
Sociology	1	21	100%	\$0
Anthropology	1	20	100%	\$0
Mathematics	1	20	100%	\$0
Miscellany	1	18	0%	\$14
Economics	1	13	0%	\$70

Mostly education, and nearly 90% H&SS.

## Universitas Padjadjaran

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	11	252			\$63	-93%
Fee	5	127	50%	-13%	\$125	-92%
No-fee	6	125	50%	19%		

Evenly split, which is unusual.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	8	8	7
Articles	252	314	356	174	256	126
%No-fee	50%	56%	62%	41%	66%	59%
Change	-19.7%	-11.8%	104.6%	-32.0%	103.2%	

Erratic in recent years.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	1	40	100%	\$0
Small: 20-59	7	169	32%	\$86
Smallest: 0-19	3	43	72%	\$29

No cost/volume correlation.

Journals	2011-14	2015-18
Fee	2	3
No-fee	4	2

All fairly recent.

	Journals	Articles	Revenue	\$/article
\$200-\$599	1	33	\$7,590	\$230
\$0.01-\$199	4	94	\$8,288	\$88
No fee	6	125		

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	10	90.9%
Shrank 25%+	1	9.1%

Almost all stable.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	3	77	19%	\$64
Earth Sciences	1	40	100%	\$0
Law	1	33	0%	\$230
Education	1	27	100%	\$0
Media & Communications	1	20	0%	\$105
Language & Literature	1	16	100%	\$0
Library Science	1	14	100%	\$0
Political Science	1	13	100%	\$0
Economics	1	12	0%	\$105

A majority of articles in H&SS.



## Universitas Pasundan

Indonesia. No journal charges \$200 or more; fee table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	13	148			\$3	-100%
Fee	3	25	17%	-71%	\$20	-99%
No-fee	10	123	83%	99%		

Mostly no-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	12	13	9	3	3	2
Articles	148	141	85	37	40	30
%No-fee	83%	78%	62%	68%	70%	60%
Change	5.0%	65.9%	129.7%	-7.5%	33.3%	

Three years of growth.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Small: 20-59	1	25	100%	\$0
Smallest: 0-19	12	123	80%	\$4

Clearly no cost/volume correlation.

<b>Journals</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	1	2
No-fee	2	8

Most very recent.

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	3	23.1%
Even, $\pm 24.99\%$	7	53.8%
Shrank 25%+	3	23.1%

A majority stable, the rest evenly split.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Economics	5	62	100%	\$0
Agriculture	1	25	100%	\$0
Anthropology	1	14	100%	\$0
Computer Science	1	13	0%	\$19
Mathematics	1	12	0%	\$21
Ecology	1	10	100%	\$0
Education	1	10	100%	\$0
Biology	1	2	100%	\$0
Law	1	0		

Especially strong in economics, and mostly H&SS.

## Universitas Pendidikan Indonesia

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	17	387			\$31	-97%
Fee	5	106	27%	-53%	\$114	-93%
No-fee	12	281	73%	73%		

Mostly no-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	16	16	16	12	11	9
Articles	387	380	344	338	260	143
%No-fee	73%	72%	65%	45%	51%	62%
Change	1.8%	10.5%	1.8%	30.0%	81.8%	

Growth every year.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	2	77	100%	\$0
Small: 20-59	10	235	55%	\$51
Smallest: 0-19	5	75	100%	\$0

No cost/volume correlation.

Journals	2005-10	2011-14	2015-18
Fee	0	4	1
No-fee	1	6	5

Mostly this decade.

	Journals	Articles	Revenue	\$/article
\$200-\$599	1	18	\$5,400	\$300
\$0.01-\$199	4	88	\$6,697	\$76
No fee	12	281		

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	3	17.6%
Even, $\pm 24.99\%$	12	70.6%
Shrank 25%+	2	11.8%

Mostly stable; the rest show more growth than shrinkage.

### **Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	10	174	72%	\$14
Language & Literature	3	121	100%	\$0
Technology	1	40	0%	\$105
Other Sciences	1	18	0%	\$300
Arts & Architecture	1	17	100%	\$0
Physics	1	17	100%	\$0

Mostly H&SS, with focus on education.

## Universitas Semarang

Indonesia. No journal charges \$100 or more; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	10	119			\$7	-99%
Fee	3	55	46%	-21%	\$15	-99%
No-fee	7	64	54%	29%		

Slight majority no-fee articles.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	8	10	5	4	4	2
Articles	119	149	74	40	33	28
%No-fee	54%	63%	43%	43%	27%	0%
Change	-20.1%	101.4%	85.0%	21.2%	17.9%	

Drop in 2018 after four straight years of growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Small: 20-59	3	56	27%	\$14
Smallest: 0-19	7	63	78%	\$1

The cost/volume correlation is present at very low costs.

Journals	2005-10	2011-14	2015-18
Fee	1	1	1
No-fee	0	0	7

All no-fee journals are recent.

Change 2017-18	Count	Percent
Grew 25%+	1	10.0%
Even, $\pm 24.99\%$	5	50.0%
Shrank 25%+	4	40.0%

Half stable, the other half mostly shrinking.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Computer Science	3	40	48%	\$4
Law	2	29	52%	\$2
Media & Communications	1	20	0%	\$32
Economics	1	15	100%	\$0
Sociology	1	15	100%	\$0
Agriculture	1	0		
Engineering	1	0		

Mostly H&SS, but with a focus on computer science.

## Universitas Udayana

Indonesia. One of eleven universities with at least 1,000 OA articles in 2018. No journal charges \$200 or more; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	48	1,932			\$11	-99%
Fee	21	599	31%	-47%	\$37	-98%
No-fee	27	1,333	69%	65%		

More than two-thirds no-fee articles.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	46	46	47	44	42	35
Articles	1,932	1,874	1,866	1,742	1,356	1,085
%No-fee	69%	70%	69%	63%	66%	65%
Change	3.1%	0.4%	7.1%	28.5%	25.0%	

Growing every year.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	3	672	89%	\$5
Med.: 60-149	9	639	55%	\$7
Small: 20-59	24	486	59%	\$24
Smallest: 0-19	12	135	70%	\$18

Neither a normal nor a reverse cost/volume correlation,

Journals	1999-2004	2005-10	2011-14	2015-18
Fee	4	6	11	0
No-fee	0	6	17	4

Most journals began 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	9	18.8%
Even, $\pm 24.99\%$	34	70.8%
Shrank 25%+	5	10.4%

Mostly stable, and most of the rest are growing.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Economics	5	434	87%	\$11
Engineering	6	431	79%	\$6
Medicine	6	257	100%	\$0
Anthropology	6	112	73%	\$28
Other Sciences	1	103	0%	\$7
Mathematics	2	69	81%	\$7
Law	2	61	28%	\$36
Chemistry	2	54	100%	\$0
Computer Science	2	44	100%	\$0
Language & Literature	3	42	71%	\$14
Biology	2	26	0%	\$35
Earth Sciences	1	25	100%	\$0
Ecology	1	24	0%	\$50
Agriculture	2	21	62%	\$4
Arts & Architecture	1	17	0%	\$50
Sociology	1	0		

Diverse set of journals; no segment dominates.



## Universitat Autònoma de Barcelona

Spain. Only one fee journal (\$337.54); fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	21	587			\$37	-96%
Fee	1	65	11%	-81%	\$338	-78%
No-fee	20	522	89%	112%		

Predominantly no-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	21	20	20	20	20	19
Articles	587	614	561	512	435	498
%No-fee	89%	79%	88%	87%	87%	85%
Change	-4.4%	9.4%	9.6%	17.7%	-12.7%	

Slightly down after three years of growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	2	143	55%	\$153
Small: 20-59	12	368	100%	\$0
Smallest: 0-19	7	76	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	1	0	0	0	0
No-fee	5	3	3	8	1

Some very early journals, otherwise strongest 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	4	19.0%
Even, $\pm 24.99\%$	14	66.7%
Shrank 25%+	3	14.3%

Mostly stable, the rest slightly more growing than shrinking.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Language & Literature	5	169	100%	\$0
Sociology	3	126	100%	\$0
Psychology	2	88	26%	\$249
Anthropology	3	39	100%	\$0
Earth Sciences	1	38	100%	\$0
Philosophy	1	37	100%	\$0
Media & Communications	2	28	100%	\$0
Education	1	26	100%	\$0
History	2	20	100%	\$0
Arts & Architecture	1	16	100%	\$0

Almost all H&SS.

## Universitat de Barcelona

Spain. No fees. **Key facts:** 23 journals, 513 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	22	23	22	20	20	18
Articles	513	420	398	350	359	327
Change	22.1%	5.5%	13.7%	-2.5%	9.8%	

Three straight years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	86	17%	86
Small: 20-59	16	359	70%	22
Smallest: 0-19	6	68	13%	11

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	5	3	6	5	4

Change 2017-18	Count	Percent
Grew 25%+	8	34.8%
Even, $\pm 24.99\%$	10	43.5%
Shrank 25%+	5	21.7%

Volatile, with more growth than shrinkage.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
History	3	110	37
Anthropology	4	92	23
Language & Literature	6	71	12
Education	2	53	27
Political Science	1	45	45
Earth Sciences	1	28	28
Law	1	26	26
Library Science	1	23	23
Arts & Architecture	1	22	22
Economics	1	16	16
Medicine	1	15	15
Philosophy	1	12	12

Mostly H&SS.

## Universitat de València

Spain. No fees. **Key facts:** eleven journals, 261 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	11	11	11	11	11	10
Articles	261	308	252	242	235	192
Change	-15.3%	22.2%	4.1%	3.0%	22.4%	

Down a bit after four years of growth.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	58	22%	58
Small: 20-59	5	154	59%	31
Smallest: 0-19	5	49	19%	10

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	0	1	8	0

Most journals began 2011-2014, nothing newer.

Change 2017-18	Count	Percent
Even, $\pm 24.99\%$	8	72.7%
Shrank 25%+	3	27.3%

Mostly stable, but the remainder all shrinking.

### Subjects

Subject	Journals	Articles	Art/Jrn
Language & Literature	7	122	17
Media & Communications	1	58	58
Other Sciences	1	33	33
Education	1	31	31
Anthropology	1	17	17

Predominantly H&SS.

## Universitat Politècnica de València

Spain. No fees. **Key facts:** 17 journals, 272 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	17	17	17	16	16	11
Articles	272	354	304	272	277	260
Change	-23.2%	16.4%	11.8%	-1.8%	6.5%	

Drop after two growth years; back to 2015 levels.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Med.: 60-149	1	17	6%	17
Small: 20-59	7	150	55%	21
Smallest: 0-19	9	105	39%	12

The medium-sized journal had 60 articles in 2013.

Started	To 1998	99-2004	2005-10	2011-14	2015-18
Journals	2	1	7	6	1

Most journals started 2005-2014.

Change 2017-18	Count	Percent
Grew 25%+	1	5.9%
Even, $\pm 24.99\%$	11	64.7%
Shrank 25%+	5	29.4%

Mostly stable, but much more shrinkage than growth.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Computer Science	1	45	45
Arts & Architecture	3	36	12
Earth Sciences	2	35	18
Zoology	1	34	34
Mathematics	1	24	24
Sociology	2	23	12
Language & Literature	2	20	10
Anthropology	1	17	17
Miscellany	1	11	11
Education	1	10	10
Economics	1	9	9
Engineering	1	8	8

Most articles in STEM.

## University Library System, University of Pittsburgh

United States. One \$28-fee journal; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	22	486			\$1	-100%
Fee	1	12	2%	-96%	\$28	-98%
No-fee	21	474	98%	133%		

Almost entirely no-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	20	20	20	21	21	20
Articles	486	516	450	412	382	326
%No-fee	98%	97%	97%	91%	96%	94%
Change	-5.8%	14.7%	9.2%	7.9%	17.2%	

Small downturn after four years of growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	1	106	100%	\$0
Small: 20-59	12	310	96%	\$1
Smallest: 0-19	9	70	100%	\$0

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	0	0	1
No-fee	2	1	5	11	2

Half of journals began 2011-2014.

Change 2017-18	Count	Percent
Grew 25%+	7	31.8%
Even, $\pm 24.99\%$	6	27.3%
Shrank 25%+	9	40.9%

Volatile, with more journals shrinking than growing.



**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Library Science	3	144	100%	\$0
Education	3	60	100%	\$0
Sociology	1	54	100%	\$0
Anthropology	3	51	76%	\$7
Language & Literature	2	51	100%	\$0
Political Science	1	45	100%	\$0
Medicine	4	21	100%	\$0
Arts & Architecture	1	20	100%	\$0
Philosophy	1	19	100%	\$0
Economics	1	12	100%	\$0
Computer Science	1	9	100%	\$0
History	1	0		

Predominantly H&SS.

## University of Belgrade

Serbia. No fees. Key facts: 15 journals, 449 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	15	15	15	15	14
Articles	449	444	473	485	515	534
Change	1.1%	-6.1%	-2.5%	-5.8%	-3.6%	

Edging up a bit after four off years.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Large: 150-599	1	82	18%	82
Med.: 60-149	3	141	31%	47
Small: 20-59	7	199	44%	28
Smallest: 0-19	4	27	6%	7

The Large journal had 168 articles in 2013.

Started	1999-2004	2005-10	2011-14	2015-18
Journals	5	4	6	0

No very recent journals.

Change 2017-18	Count	Percent
Grew 25%+	2	13.3%
Even, $\pm 24.99\%$	11	73.3%
Shrank 25%+	2	13.3%

Mostly stable, the rest balanced.

**Subjects**

<b>Subject</b>	<b>Journals</b>	<b>Articles</b>	<b>Art/Jrn</b>
Anthropology	2	82	41
Biology	1	82	82
Education	1	55	55
Medicine	1	47	47
Law	1	45	45
Mathematics	1	33	33
Agriculture	1	30	30
Economics	1	26	26
Earth Sciences	2	19	10
Psychology	1	13	13
Ecology	1	7	7
Sociology	1	6	6
Political Science	1	4	4

Just a bit more than half H&SS.

## University of Bologna

Italy.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	30	611			\$8	-99%
Fee	2	37	6%	-90%	\$130	-92%
No-fee	28	574	94%	124%		

Almost entirely no-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	28	29	27	26	23	20
Articles	611	565	524	499	608	544
%No-fee	94%	93%	92%	92%	88%	86%
Change	8.1%	7.8%	5.0%	-17.9%	11.8%	

Three growth years bring volume back to above 2014 levels.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Med.: 60-149	2	80	100%	\$0
Small: 20-59	17	456	92%	\$11
Smallest: 0-19	11	75	100%	\$0

No cost/volume correlation, as only two small journals have fees.

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	1	1	0	0
No-fee	2	2	11	6	7

Most journals appeared since 2005.

	<b>Journals</b>	<b>Articles</b>	<b>Revenue</b>	<b>\$/article</b>
\$200-\$599	1	15	\$3,337	\$222
\$0.01-\$199	1	22	\$1,481	\$67
No fee	28	574		

Change 2017-18	Count	Percent
Grew 25%+	11	36.7%
Even, $\pm 24.99\%$	9	30.0%
Shrank 25%+	10	33.3%

Volatile, with slightly more growth than shrinkage.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Arts & Architecture	7	139	73%	\$35
Anthropology	3	95	100%	\$0
Language & Literature	2	79	100%	\$0
Library Science	1	61	100%	\$0
Education	2	51	100%	\$0
Law	2	37	100%	\$0
Ecology	1	28	100%	\$0
History	4	28	100%	\$0
Mathematics	2	23	100%	\$0
Political Science	1	22	100%	\$0
Media & Communications	1	17	100%	\$0
Psychology	1	11	100%	\$0
Philosophy	1	9	100%	\$0
Agriculture	1	8	100%	\$0
Computer Science	1	3	100%	\$0

Almost 90% of articles in H&SS.

## University of Brawijaya

Indonesia.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	33	841			\$53	-94%
Fee	20	576	68%	18%	\$78	-95%
No-fee	13	265	32%	-25%		

Mostly low-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	32	33	31	29	26	24
Articles	841	730	722	642	589	504
%No-fee	32%	32%	31%	31%	32%	31%
Change	15.2%	1.1%	12.5%	9.0%	16.9%	

Growing every year.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	2	170	53%	\$66
Small: 20-59	22	572	21%	\$53
Smallest: 0-19	9	99	55%	\$31

The frequent cost/volume correlation is apparent.

Journals	2005-10	2011-14	2015-18
Fee	8	9	3
No-fee	3	6	4

All this century, fewer in the last few years.

	Journals	Articles	Revenue	\$/article
\$200-\$599	1	44	\$9,284	\$211
\$0.01-\$199	19	532	\$35,509	\$67
No fee	13	265		

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	10	30.3%
Even, $\pm 24.99\%$	21	63.6%
Shrank 25%+	2	6.1%

Mostly stable, and the remainder mostly growing.

### **Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Economics	5	137	33%	\$97
Biology	3	98	0%	\$124
Computer Science	1	90	100%	\$0
Engineering	4	86	0%	\$39
Agriculture	4	75	51%	\$14
Ecology	2	65	14%	\$69
Zoology	3	64	0%	\$19
Political Science	2	60	0%	\$46
Chemistry	1	38	0%	\$100
Medicine	2	28	100%	\$0
Law	1	24	100%	\$0
Anthropology	1	23	0%	\$60
Other Sciences	1	22	0%	\$56
Technology	1	12	100%	\$0
Arts & Architecture	1	11	100%	\$0
Sociology	1	8	100%	\$0

A diverse publishing program, with most articles in STEM.

## University of Bucharest

Romania. Only one fee journal (\$14.61); fee table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	11	126			\$2	-100%
Fee	1	15	12%	-80%	\$15	-99%
No-fee	10	111	88%	110%		

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	9	11	11	11	10	10
Articles	126	148	172	188	149	176
%No-fee	88%	73%	76%	70%	78%	73%
Change	-14.9%	-14.0%	-8.5%	26.2%	-15.3%	

Declining numbers for three years running.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Small: 20-59	5	73	79%	\$3
Smallest: 0-19	6	53	100%	\$0

<b>Journals</b>	<b>1999-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	1	0	0
No-fee	1	7	2	0

Most journals began 2005-2010, none recently.

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	2	18.2%
Even, $\pm 24.99\%$	5	45.5%
Shrank 25%+	4	36.4%

Volatile, with much more shrinkage than growth.



**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Anthropology	3	36	100%	\$0
Media & Communications	1	34	100%	\$0
Economics	2	26	42%	\$8
Earth Sciences	2	24	100%	\$0
Philosophy	1	6	100%	\$0
History	1	0		
Library Science	1	0		

Predominantly H&SS.

## University of California

United States. A composite of all UC OA journals I could identify.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	22	876			\$203	-78%
Fee	5	377	43%	-26%	\$471	-70%
No-fee	17	499	57%	36%		

Mostly no-fee articles, although the fee journals tend to be larger.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	21	20	19	16	15	16
Articles	876	794	531	428	468	351
%No-fee	57%	42%	60%	53%	50%	62%
Change	10.3%	49.5%	24.1%	-8.5%	33.3%	

Three years of growth.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	2	384	58%	\$210
Med.: 60-149	2	172	0%	\$333
Small: 20-59	12	283	86%	\$138
Smallest: 0-19	6	37	89%	\$22

No cost/volume correlation.

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	1	0	0	4
No-fee	2	3	7	3	2

Ongoing trickle of new journals.

	Journals	Articles	Revenue	\$/article
\$600-\$1,399	1	40	\$39,000	\$975
\$200-\$599	3	255	\$126,300	\$495
\$0.01-\$199	1	82	\$12,300	\$150
No fee	17	499		

Change 2017-18	Count	Percent
Grew 25%+	4	18.2%
Even, $\pm 24.99\%$	8	36.4%
Shrank 25%+	10	45.5%

Volatile, with twice as many journals shrinking as growing.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Medicine	4	556	40%	\$248
Psychology	2	79	49%	\$494
Language & Literature	3	77	100%	\$0
Agriculture	1	44	100%	\$0
Ecology	3	34	100%	\$0
Sociology	2	29	100%	\$0
History	2	28	100%	\$0
Arts & Architecture	3	13	100%	\$0
Miscellany	1	12	100%	\$0
Earth Sciences	1	4	0%	\$200

Mostly biomed—or, really, mostly medical.

## University of Isfahan

Iran. All journal fees are under \$100; fee table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	20	502			\$54	-94%
Fee	16	397	79%	36%	\$68	-96%
No-fee	4	105	21%	-50%		

Predominantly low-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	19	20	20	20	20	19
Articles	502	539	500	512	555	470
%No-fee	21%	18%	16%	16%	18%	22%
Change	-6.9%	7.8%	-2.3%	-7.7%	18.1%	

Mostly in a narrow (55-article) range for the last five years.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	1	44	0%	\$79
Small: 20-59	17	430	21%	\$53
Smallest: 0-19	2	28	50%	\$24

The medium journal had 102 articles in 2014.

Journals	2005-10	2011-14	2015-18
Fee	10	5	1
No-fee	1	3	0

Most journals introduced 2005-10, fewer since.

Change 2017-18	Count	Percent
Grew 25%+	3	15.0%
Even, $\pm 24.99\%$	15	75.0%
Shrank 25%+	2	10.0%

Three-quarters stable, the rest more growing than shrinking.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Education	5	130	0%	\$63
Ecology	1	47	100%	\$0
Psychology	3	46	0%	\$61
Biology	1	44	0%	\$79
Sociology	2	44	0%	\$79
Agriculture	1	36	0%	\$70
History	1	33	0%	\$79
Medicine	1	24	100%	\$0
Other Sciences	1	24	0%	\$48
Zoology	1	22	0%	\$83
Engineering	1	20	100%	\$0
Earth Sciences	1	18	0%	\$48
Economics	1	14	100%	\$0

Diverse, with a small majority of H&SS articles.

## University of Tehran

Iran. All fees below \$100; fee table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	14	479			\$16	-98%
Fee	3	131	27%	-53%	\$59	-96%
No-fee	11	348	73%	74%		

Mostly no-fee, the rest low-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	14	14	13	13	12	11
Articles	479	468	408	418	302	245
%No-fee	73%	73%	70%	71%	64%	66%
Change	2.4%	14.7%	-2.4%	38.4%	23.3%	

Two years of growth.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Med.: 60-149	1	63	100%	\$0
Small: 20-59	12	402	67%	\$19
Smallest: 0-19	1	14	100%	\$0

<b>Journals</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	1	2	0
No-fee	3	6	2

Most new journals introduced 2011-2014.

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	4	28.6%
Even, $\pm 24.99\%$	9	64.3%
Shrank 25%+	1	7.1%

Mostly stable, the rest almost all growing.

**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Engineering	3	100	100%	\$0
Ecology	2	92	100%	\$0
Economics	2	81	40%	\$21
Anthropology	1	44	0%	\$85
Biology	1	44	100%	\$0
Law	1	38	0%	\$59
Computer Science	2	31	100%	\$0
Earth Sciences	1	25	100%	\$0
Technology	1	24	100%	\$0

Mostly STEM.

## University of Zagreb

Croatia. The single fee journal charges \$392.67; fees table omitted.

	<b>Jrn.</b>	<b>Art.</b>	<b>Art%</b>	<b>Rel%</b>	<b>\$/Art</b>	<b>Rel%</b>
All	14	468			\$59	-94%
Fee	1	70	15%	-74%	\$393	-75%
No-fee	13	398	85%	103%		

Predominantly no-fee.

### Articles and Journals by Year

	<b>2018</b>	<b>2017</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Journals	13	13	14	14	14	13
Articles	468	486	488	435	456	534
%No-fee	85%	90%	88%	85%	87%	88%
Change	-3.7%	-0.4%	12.2%	-4.6%	-14.6%	

Slightly down from 2016 peak.

### Additional Metrics

	<b>Journals</b>	<b>Articles</b>	<b>%No-fee</b>	<b>\$/article</b>
Med.: 60-149	4	255	73%	\$108
Small: 20-59	6	178	100%	\$0
Smallest: 0-19	4	35	100%	\$0

<b>Journals</b>	<b>To 1998</b>	<b>99-2004</b>	<b>2005-10</b>	<b>2011-14</b>	<b>2015-18</b>
Fee	0	0	0	1	0
No-fee	4	4	3	2	0

<b>Change 2017-18</b>	<b>Count</b>	<b>Percent</b>
Grew 25%+	2	14.3%
Even, $\pm 24.99\%$	7	50.0%
Shrank 25%+	5	35.7%

Half stable, the rest mostly down.



**Subjects**

<b>Subject</b>	<b>Jour.</b>	<b>Art.</b>	<b>%No-fee</b>	<b>\$/article</b>
Agriculture	1	82	100%	\$0
Engineering	1	70	0%	\$393
Medicine	3	66	100%	\$0
Biology	1	60	100%	\$0
Law	1	47	100%	\$0
Anthropology	2	46	100%	\$0
Political Science	1	43	100%	\$0
Computer Science	1	19	100%	\$0
Library Science	1	14	100%	\$0
Earth Sciences	1	12	100%	\$0
Arts & Architecture	1	9	100%	\$0

Balanced: no segment predominates.

## Utrecht University Library Open Access Journals (Publishing Services)

Netherlands. One fee journal, \$965.45 fee; fees table omitted.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	14	453			\$77	-92%
Fee	1	36	8%	-86%	\$965	-38%
No-fee	13	417	92%	120%		

Predominantly no-fee.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	12	12	12	13	13	13
Articles	453	452	388	532	634	649
%No-fee	92%	92%	87%	90%	94%	95%
Change	0.2%	16.5%	-27.1%	-16.1%	-2.3%	

Basically flat after a volatile five years.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Large: 150-599	2	179	100%	\$0
Med.: 60-149	2	68	100%	\$0
Small: 20-59	9	206	83%	\$169
Smallest: 0-19	1	0		

Journals	To 1998	99-2004	2005-10	2011-14	2015-18
Fee	0	0	1	0	0
No-fee	2	1	4	4	2

Sparse new journals over many years.

Change 2017-18	Count	Percent
Grew 25%+	2	14.3%
Even, $\pm 24.99\%$	11	78.6%
Shrank 25%+	1	7.1%

Mostly stable and the rest mostly growing.

## Subjects

Subject	Jour.	Art.	%No-fee	\$/article
History	7	323	100%	\$0
Political Science	1	36	0%	\$965
Law	2	33	100%	\$0
Language & Literature	2	22	100%	\$0
Library Science	1	20	100%	\$0
Religion	1	19	100%	\$0

All H&SS—and mostly history.

## UTS ePRESS

Australia. No fees. **Key facts:** 11 journals, 123 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	9	10	10	9
Articles	123	138	155	148	152	167
Change	-10.9%	-11.0%	4.7%	-2.6%	-9.0%	

Declining most years.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	5	98	80%	20
Smallest: 0-19	6	25	20%	4

Started	1999-2004	2005-10	2011-14	2015-18
Journals	2	5	4	0

Most journals started 2005-2014.

Change 2017-18	Count	Percent
Grew 25%+	2	18.2%
Even, $\pm 24.99\%$	7	63.6%
Shrank 25%+	2	18.2%

Mostly stable, with the rest evenly split.

### Subjects

Subject	Journals	Articles	Art/Jrn
Education	2	42	21
Sociology	2	24	12
Engineering	1	21	21
Anthropology	1	16	16
Economics	2	8	4
Political Science	1	5	5
History	1	4	4
Law	1	3	3

Predominantly H&SS.

## Vilnius Gediminas Technical University

Lithuania.

	Jrn.	Art.	Art%	Rel%	\$/Art	Rel%
All	16	659			\$275	-70%
Fee	5	362	55%	-6%	\$500	-68%
No-fee	11	297	45%	8%		

Most journals don't have fees, most articles do: not unusual overall.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	15	16	16	16	16	13
Articles	659	650	664	657	660	519
%No-fee	45%	57%	63%	55%	58%	69%
Change	1.4%	-2.1%	1.1%	-0.5%	27.2%	

Within a very narrow band (14 articles) for the past five years.

### Additional Metrics

	Journals	Articles	%No-fee	\$/article
Med.: 60-149	5	372	27%	\$412
Small: 20-59	10	287	69%	\$97
Smallest: 0-19	1	0		

The cost/volume correlation is present here.

Journals	2005-10	2011-14	2015-18
Fee	1	0	4
No-fee	1	2	8

Most journals added to *DOAJ* recently.

	Journals	Articles	Revenue	\$/article
\$600-\$1.399	1	55	\$37,038	\$673
\$200-\$599	4	307	\$144,099	\$469
No fee	11	297		

Change 2017-18	Count	Percent
Grew 25%+	4	25.0%
Even, $\pm 24.99\%$	5	31.3%
Shrank 25%+	7	43.8%

Volatile, with more shrinkage than growth.

### Subjects

Subject	Jour.	Art.	%No-fee	\$/article
Economics	4	257	37%	\$284
Engineering	3	174	6%	\$565
Other Sciences	1	54	100%	\$0
Mathematics	1	42	100%	\$0
Earth Sciences	2	40	100%	\$0
Ecology	1	35	0%	\$281
Sociology	1	30	100%	\$0
Arts & Architecture	1	20	100%	\$0
Education	1	7	100%	\$0
Media & Communications	1	0		

Mostly STEM, although largest concentration is in an H&SS field.

## Znanstvena založba Filozofske fakultete Univerze v Ljubljani (Ljubljana University Press, Faculty of Arts)

Slovenia. No fees. **Key facts:** ten journals, 204 articles in 2018.

### Articles and Journals by Year

	2018	2017	2016	2015	2014	2013
Journals	10	10	10	10	10	10
Articles	204	219	200	217	220	265
Change	-6.8%	9.5%	-7.8%	-1.4%	-17.0%	

Down on and off since 2013 peak.

### Additional Metrics

	Journals	Articles	Percent	Art/Jrn
Small: 20-59	9	193	95%	21
Smallest: 0-19	1	11	5%	11

Started	1999-2004	2005-10	2011-14	2015-18
Journals	5	4	1	0

Almost all introduced 1999-2010.

Change 2017-18	Count	Percent
Grew 25%+	3	30.0%
Even, $\pm 24.99\%$	5	50.0%
Shrank 25%+	2	20.0%

Half stable, the rest mostly growing.

### Subjects

Subject	Journals	Articles	Art/Jrn
Language & Literature	7	132	19
Miscellany	1	39	39
Earth Sciences	1	19	19
Anthropology	1	14	14

Predominantly H&SS, and a majority in languages and literature.

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