

NOVEMBER 6, 2020

# Charleston Conference “Lively Discussion”

Keith Webster

*Dean of University Libraries and Director of Emerging and  
Integrative Media Initiatives*

**Carnegie Mellon University**

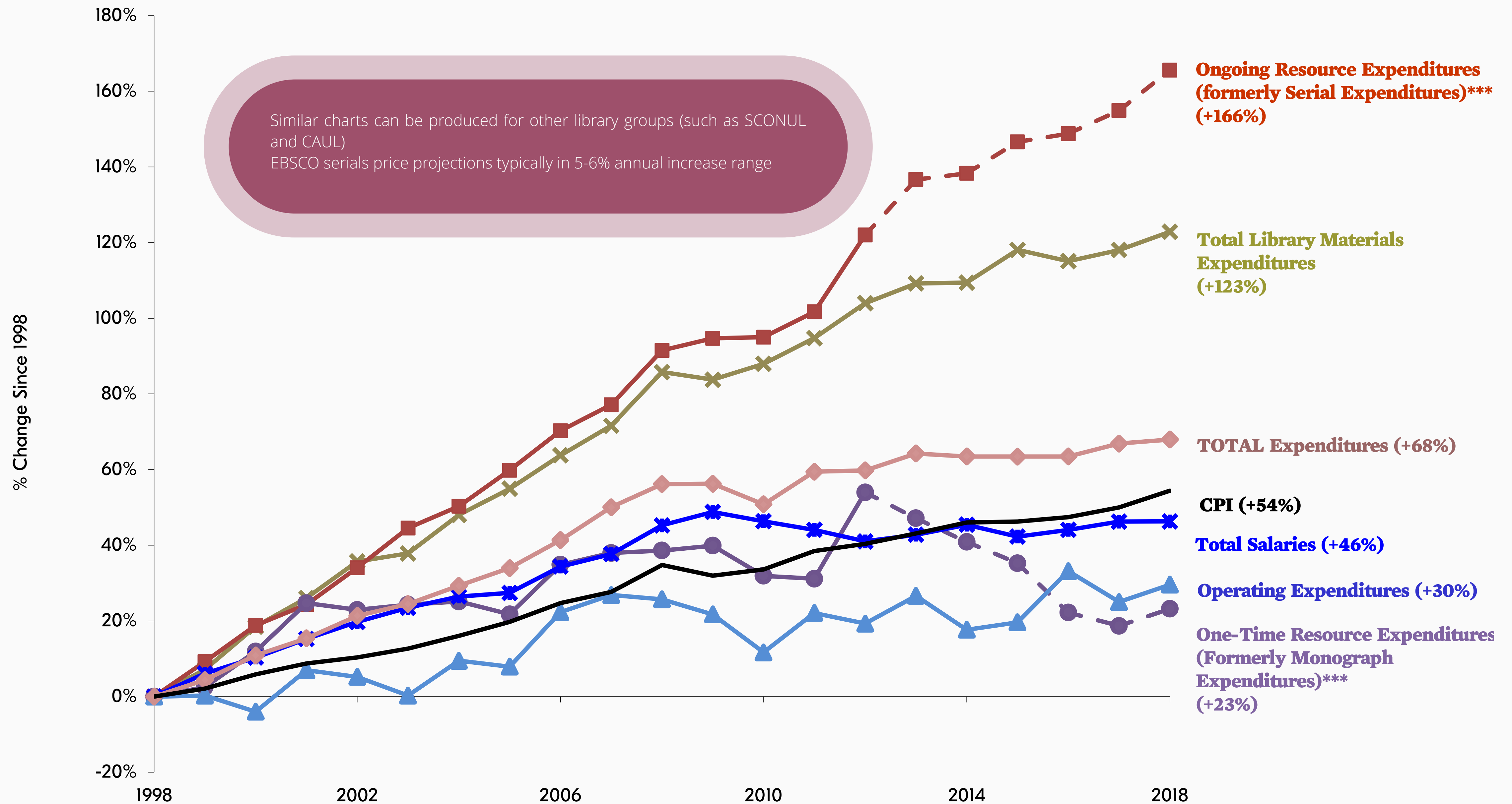


@cmkeithw

Only librarians, on the whole, complain about the Big Deal, since their researchers are mostly not aware of costs and cost increases. And librarians have limited power. They also have no strong track record when it comes to negotiating, only in rare cases employing professional negotiators, it seems. That is their weakness, and the publishers' strength.

Jan Velterop, quoted in *Reed Elsevier NV: Feedback from Meeting with Jan Velterop*, FLASH NOTE, February 6, 2012, published by Cheuvreux Credit Agricole Group.

# Expenditure Trends in ARL Libraries 1998-2018



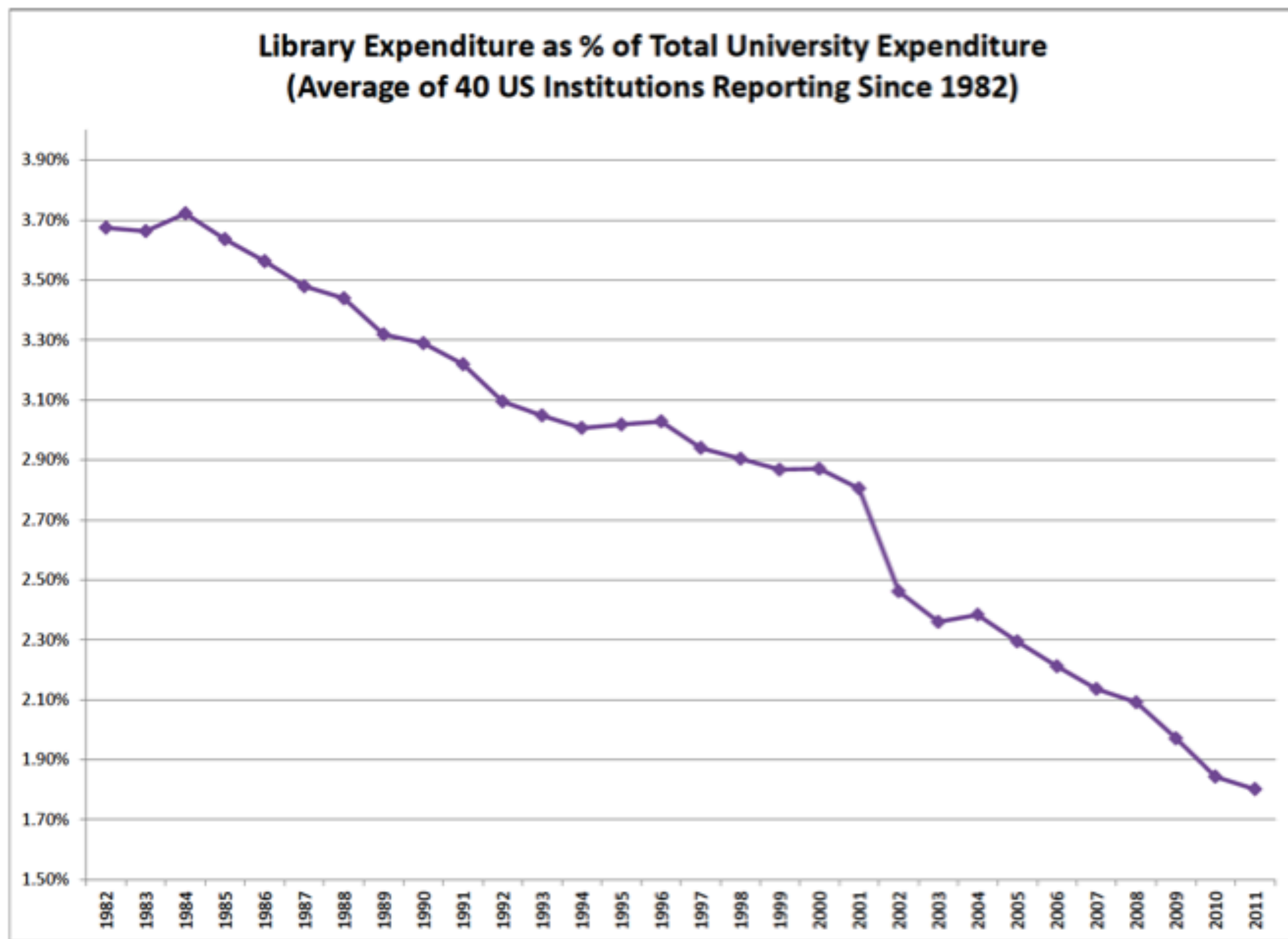
Source: ARL Statistics 2017-18 Association of Research Libraries, Washington, D.C.

\*\*Figures not adjusted for inflation

\*\*\*Trend line was extended with data from Ongoing and One-Time Resource Expenditures

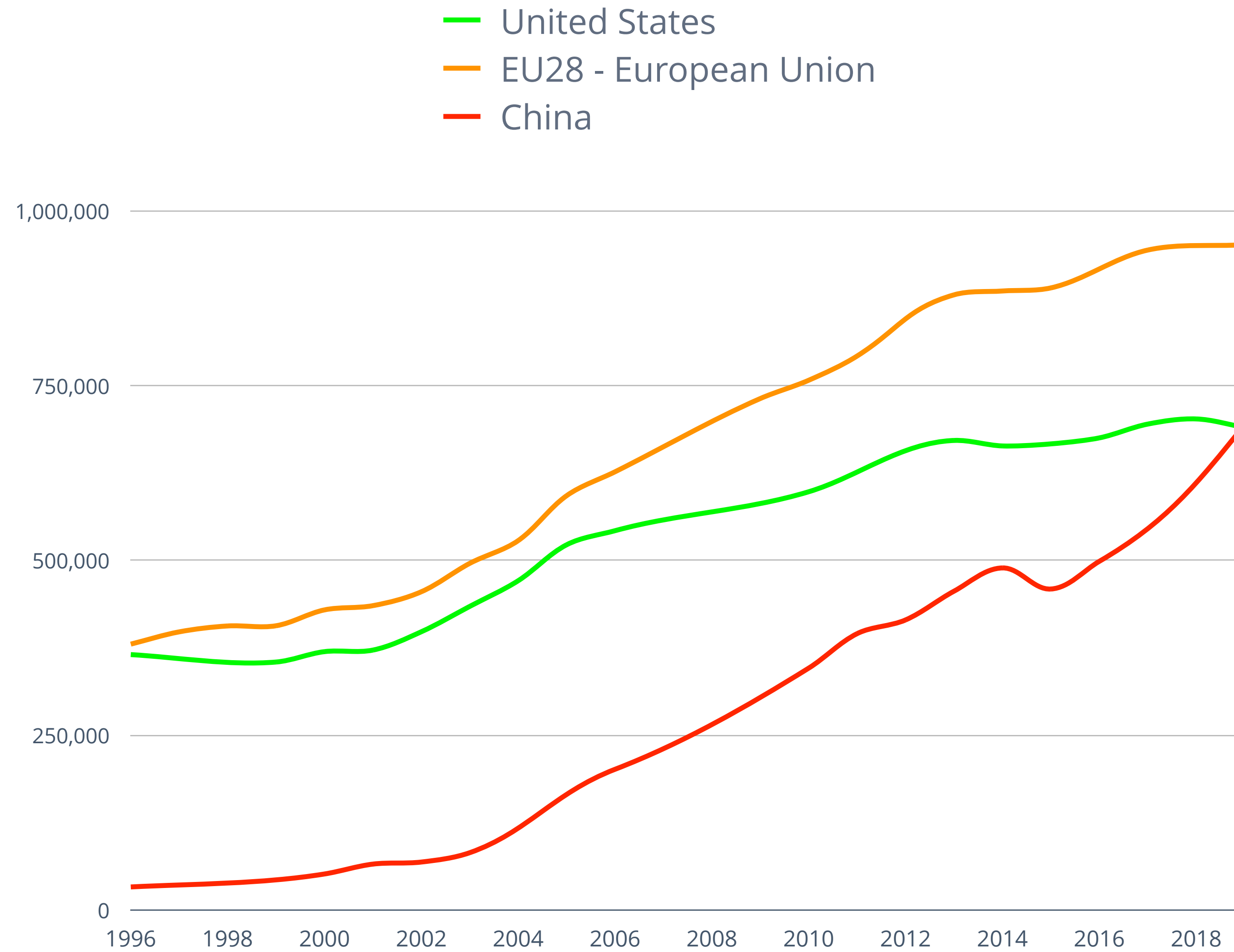


# Library budgets under pressure

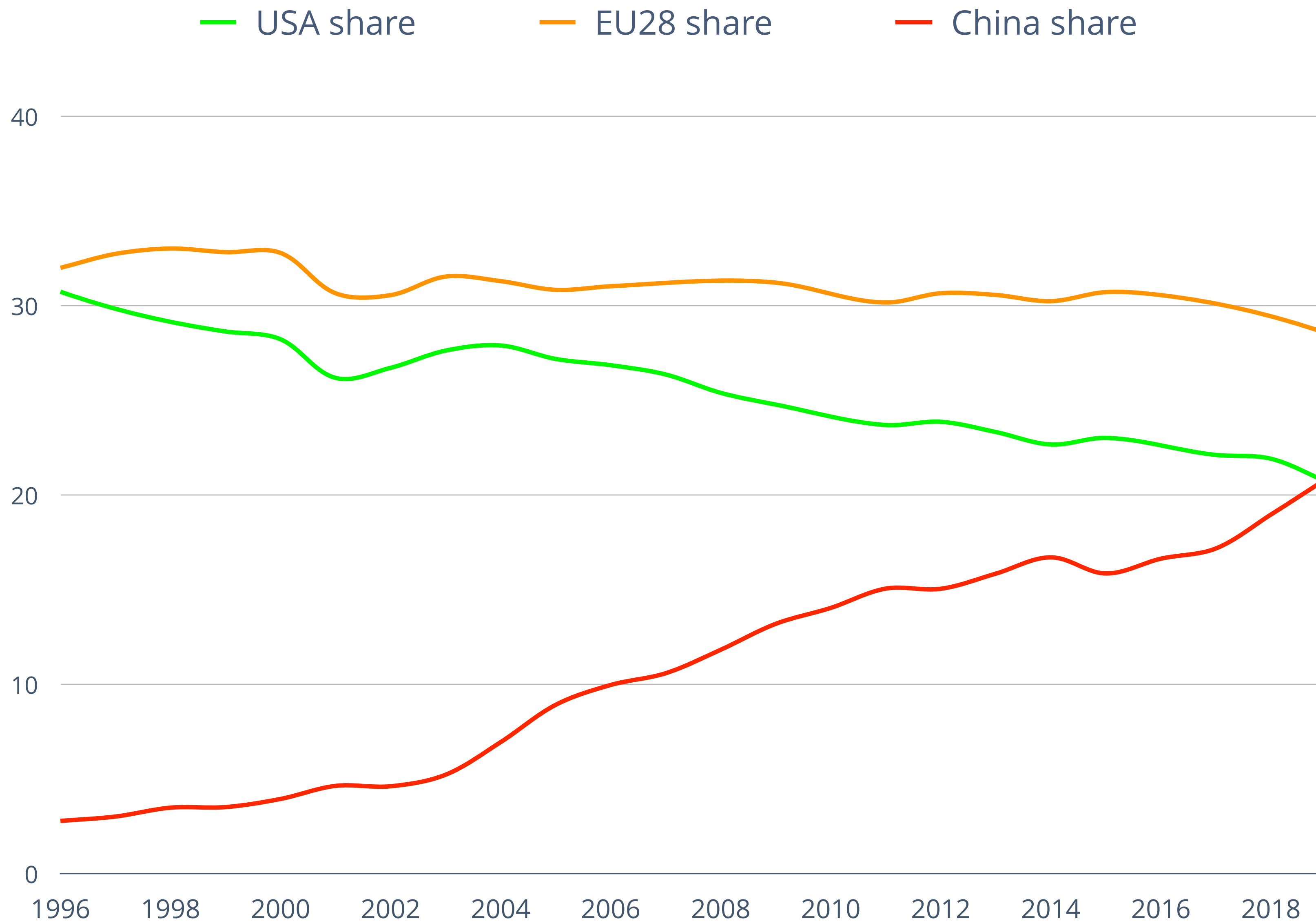




# Scholarly Output, 1996-2019



# Share of World Scholarly Output, 1996-2019





# Global Marketplace for Journals

Publishers sell in markets around the world. Pricing varies according to local markets, journal format, initiatives such as Research4Life. Forex exposure can impact both publishers and libraries. The role of (quasi-)government agencies can also be impactful.



N America

Asia

Europe

Africa

Australasia

Latin America



# What are your priorities?

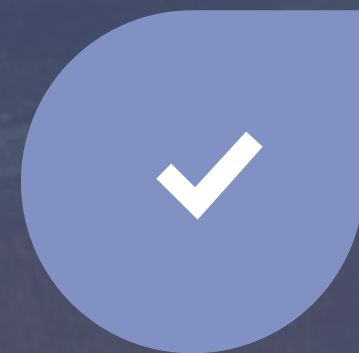


Arriving at a new contract



Price

Do you want to reduce spend?



Value

Do you want to maximize ROI?



Openness

Do you want to maximize OA?



Readership

Do you want to maximize  
access to content?

# Carnegie Mellon University

5000 Forbes Avenue, Pittsburgh  
PA, United States  
Affiliation ID: 60027950

Other name formats: [Carnegie Mellon University](#) [Carnegie-mellon University](#) [Carnegie Mellon Univ](#) [Carnegie-mellon Univ](#) [Carnegie Mellon Univ.](#)

## Affiliation profile actions

- [Give feedback](#)
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- [Export subject area data](#)

Documents, whole institution

95,193



Documents, affiliation only

88,632

Authors

15,463

[Save to author list](#)

Documents by subject area

[Affiliation hierarchy](#)

[Collaborating affiliations](#)

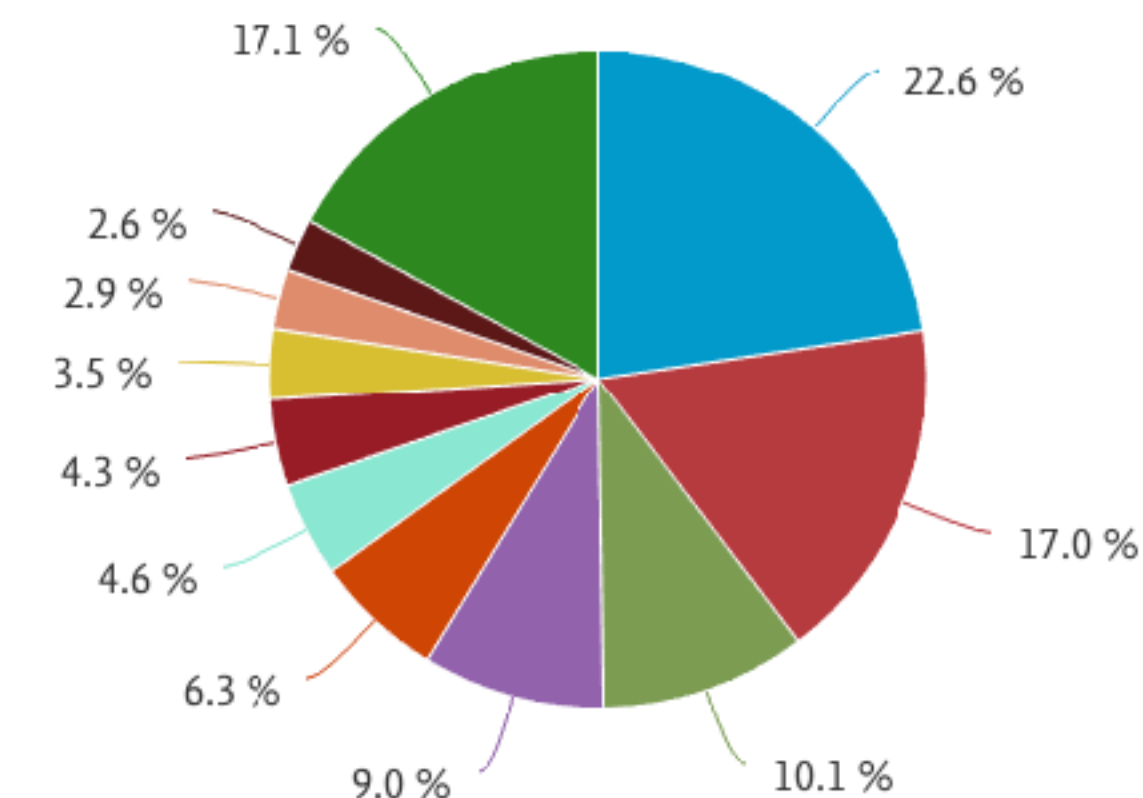
[Documents by source](#)

Sort by: [Document count \(high-low\)](#)



Computer Science	35234	Business, Management and Accounting	2376
Engineering	26483	Neuroscience	2129
Physics and Astronomy	15652	Earth and Planetary Sciences	2049
Mathematics	14043	Economics, Econometrics and Finance	1963
Materials Science	9814	Energy	1695
Chemistry	7184	Multidisciplinary	1114
Social Sciences	6678	Agricultural and Biological Sciences	980
Biochemistry, Genetics and Molecular Biology	5419	Immunology and Microbiology	491
Chemical Engineering	4539	Pharmacology, Toxicology and Pharmaceutics	432
Medicine	4001	Health Professions	367
Arts and Humanities	3692	Nursing	155
Psychology	3291	Undefined	146
Environmental Science	3016	Veterinary	35
Decision Sciences	2585	Dentistry	12

## Carnegie Mellon University



- Computer Science
- Engineering
- Physics and Astronomy
- Mathematics
- Materials Science
- Chemistry
- Social Sciences
- Biochemistry, Genetics and Molecular Biology
- Chemical Engineering
- Medicine
- Other



# University of Pittsburgh

4200 Fifth Avenue, Pittsburgh

PA, United States

Affiliation ID: 60015543

Other name formats: [University Of Pittsburgh](#) [Univ Of Pittsburgh](#) [Univ. Pittsburgh](#) [Univ. Of Pittsburgh](#)

## Affiliation profile actions

- [Give feedback](#)
- [Set feed](#)
- [Set document alert](#)
- [Export subject area data](#)

Documents, whole institution

213,829

[i](#)

Documents, affiliation only

147,210

Authors

31,258

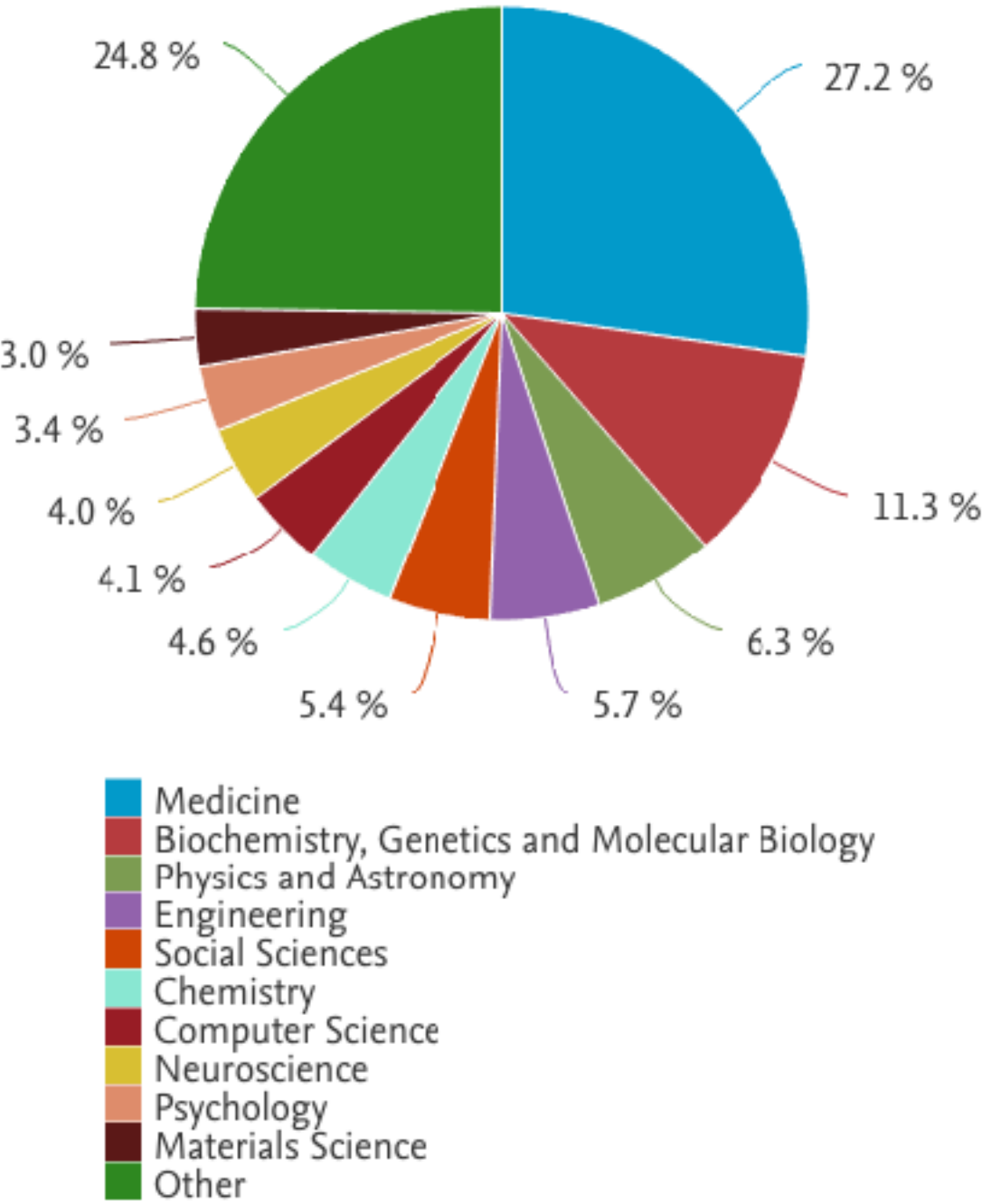
[Save to author list](#)

- Documents by subject area
- Affiliation hierarchy
- Collaborating affiliations
- Documents by source

Sort by: [Document count \(high-low\)](#) [v](#)

Medicine	64496	Chemical Engineering	5227
Biochemistry, Genetics and Molecular Biology	26851	Nursing	4921
Physics and Astronomy	14977	Agricultural and Biological Sciences	3847
Engineering	13571	Health Professions	3434
Social Sciences	12859	Multidisciplinary	2869
Chemistry	10950	Environmental Science	2710
Computer Science	9798	Earth and Planetary Sciences	2670
Neuroscience	9457	Business, Management and Accounting	2160
Psychology	8102	Economics, Econometrics and Finance	1677
Materials Science	7118	Dentistry	1609
Mathematics	6876	Decision Sciences	1516
Arts and Humanities	6267	Energy	1299
Pharmacology, Toxicology and Pharmaceutics	5864	Veterinary	273
Immunology and Microbiology	5265	Undefined	152

University of Pittsburgh





# CMU open access agreements



## ELSEVIER

First institutional agreement  
for Elsevier - for all CMU  
corresponding authors

**1 JAN 2020**



## ACM

Agreement via ACM Open -  
aims to move all journals to  
OA

**1 JAN 2020**



## PLOS

Our largest open access only  
publisher

**1 JULY 2020**

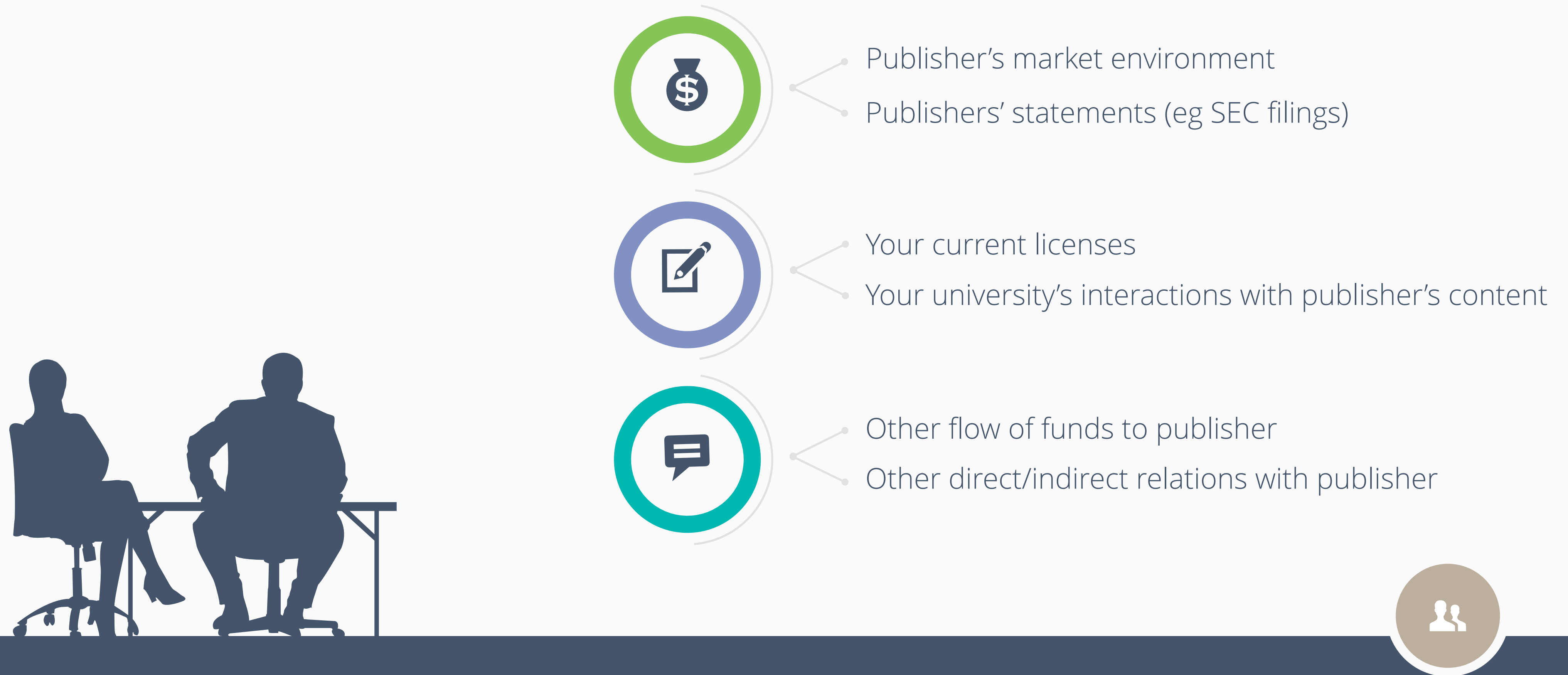


## IN THE WORKS

Active negotiations with  
another major society

**2020+**

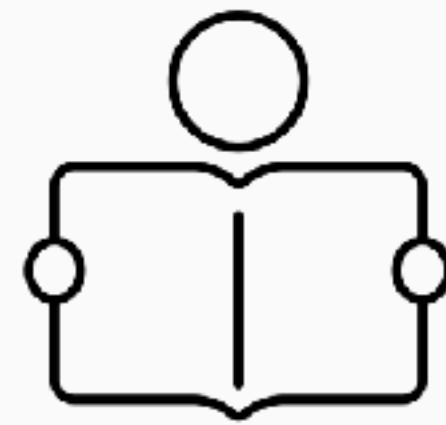
# Preparing to negotiate



A lot of this sits outside the library

# Our relations with scholarly content

There are three things that are (or should be) countable



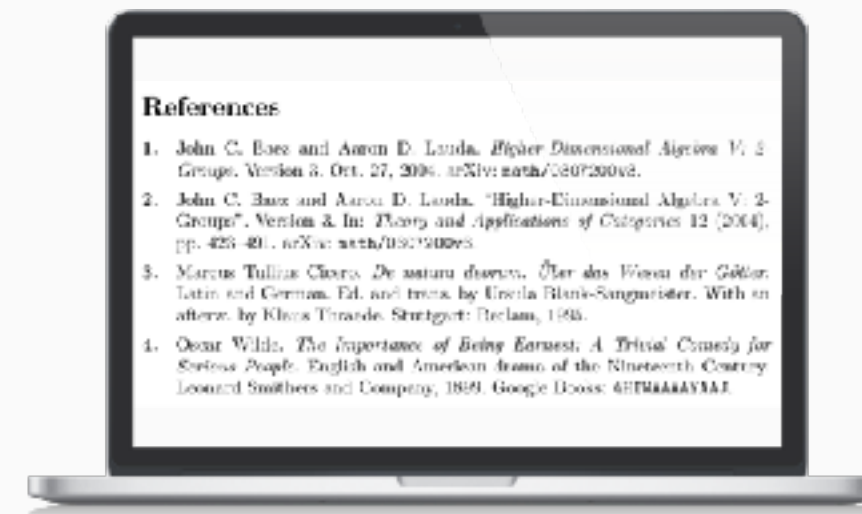
Read



What are our community members reading?  
How frequently?  
What's being ignored?  
What can't they access (turnaways)?



Use



What's being cited by our community members in their work?  
Are things being cited to which we don't have access?



Create



Where are our community members placing their articles/papers?  
Are they publishing in journals to which we don't have access?  
What's their open access practice?  
Who's funding their research (and any OA mandate)?  
How is their work being cited?



SPARC\*

Who We Are

What We Do

Why It Matters

Become a Member

f

🐦

in

✉

🔍

Browse Article Sharing Requirements by Federal Agency

This is a community resource for tracking, comparing, and understanding U.S. federal funder article sharing policies. Click the icons below to select up to three agencies to view or compare. Click here to download the full data set. Email corrections to [nick@sparcopen.org](mailto:nick@sparcopen.org).

VIEW DATA SHARING POLICIES

🔍

Search for an agency...



AHRQ



ASPR



CDC  
CENTERS FOR DISEASE  
CONTROL AND PREVENTION



Dept. of Defense



Dept. of Education



Dept. of Energy



Dept. of Transportation



FDA



NASA



National Science Foundation

ROARMAP

Registry of Open Access Repository Mandates and Policies

Home

About

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Up a level

Export as: EP3 XML

Export

Atom

Browse by Policymaker Type

Number of items: 66

Academy of Finland

[Agence Nationale de la recherche \(ANR\)](#)

[Agence Nationale de la recherche \(ANR\) Humanities & Social Sciences Branch](#)

[Arts & Humanities Research Council \(AHRC\)](#)

[Australian Research Council](#)

[Austrian Science Fund \(FWF\)](#)

[Autism Speaks](#)

[Belgian Science Policy Office \(BELSPO\)](#)

[Bill & Melinda Gates Foundation](#)

[Biotechnology & Biological Sciences Research Council \(BBSRC\)](#)

[Brazil House of Representatives](#)

[Breast Cancer Campaign](#)

[CGIAR](#)

[Chief Scientific Office \(Scottish Government Health Directorate\) \(CSO\)](#)

[Congress of the Republic of Peru](#)

[Council of Scientific & Industrial Research](#)

[Danish Council for Independent Research \(DFI\), the Danish Council for Strategic Research, the Danish National Research Foundations, the Danish Advanced Technology Foundation, and the Danish Council for Technology and Innovation](#)

[Danish Ministry of Science, Technology & Innovation](#)

[Department of Biotechnology and Department of Science & Technology, Ministry of Science & Technology](#)

[Department of Health UK \(DoH\)](#)

[Databases UK](#)

[EUB OCEANS Consortium](#)

[Economic & Social Research Council \(ESRC\)](#)

[Engineering & Physical Sciences Research Council \(EPSRC\)](#)

## FILTERS

## FAVORITES

## GROUPS

## PUBLICATION YEAR

## RESEARCHER

## FUNDER

## COUNTRY OF FUNDER

## RESEARCH ORGANIZATION

<input type="radio"/>	Carnegie Mellon University	71,803
<input type="radio"/>	University of Pittsburgh	3,875
<input type="radio"/>	Massachusetts Institute of Technology	2,720
<input type="radio"/>	Purdue University West Lafayette	2,353
<input type="radio"/>	The Ohio State University	2,112
<input type="radio"/>	University of Rochester	2,034
<input type="radio"/>	University of California, Los Angeles	1,976
<input type="radio"/>	University of Florida	1,956
<input type="radio"/>	University of Minnesota	1,939
<input type="radio"/>	Johns Hopkins University	1,931
<input type="radio"/>	National Laboratory of Frascati	1,881

[More](#)

## LOCATION - RESEARCH ORGANIZATION

## RESEARCH CATEGORIES

## PUBLICATION TYPE

## SOURCE TITLE

## PUBLISHER

## JOURNAL LIST

## OPEN ACCESS



## Carnegie Mellon University

Pittsburgh, United States

## Publications

71,803

## Datasets

1,133

## Grants

6,021

## Patents

3,264

## Clinical Trials

55

## Policy Documents

0

Funding amount  
USD 2.7 B

## PUBLICATIONS

71,803

## DATASETS

1,133

## GRANTS

6,021

## PATENTS

3,264

## CLINICAL TRIALS

55

## POLICY DOCUMENTS

0

☒ Show abstract

Sort by: Publication Date

Title, Author(s), Bibliographic reference - [About the metrics](#)

## Single-cell lineage tracing by integrating CRISPR-Cas9 mutations with transcriptomic data

Hamim Zafar, Chieh Lin, Ziv Bar-Joseph

2020, Nature Communications - Article

Recent studies combine two novel technologies, single-cell RNA-sequencing and CRISPR-Cas9 barcode editing for elucidating developmental lineages at the whole organism level. While these studies provid... [more](#)


1



89



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## Modular self-assembly of gamma-modified peptide nucleic acids in organic solvent mixtures

Sriram Kumar, Alexander Pearse, Ying Liu, Rebecca E. Taylor

2020, Nature Communications - Article

Nucleic acid based materials enable sub-nanometer precision in self-assembly for fields including biophysics, diagnostics, therapeutics, photonics, and nanofabrication. However, structural DNA nanotec... [more](#)


61



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## Structural distortion and electron redistribution in dual-emitting gold nanoclusters

Qi Li, Dongming Zhou, Jinsong Chai, Woong Young So, Tong Cai, Mingxing Li, Linda A. Peteanu, Ou Chen, Mircea Cotlet, X. Wend...

2020, Nature Communications - Article

Deciphering the complicated excited-state process is critical for the development of luminescent materials with controllable emissions in different applications. Here we report the emergence of a phot... [more](#)


6



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## The impact of agency on time and risk preferences

Ayelet Gneezy, Alex Imas, Ania Jaroszewicz

2020, Nature Communications - Article

Scholars have long argued for the central role of agency-the size of one's choice set-in the human experience. We demonstrate the importance of agency in shaping people's preferences. We fir... [more](#)


3



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## ANALYTICAL VIEWS

## RESEARCH CATEGORIES

08 Information and Computing Sciences	20,299
09 Engineering	13,911
0801 Artificial Intelligence and Image Processing	11,525
02 Physical Sciences	8,038
01 Mathematical Sciences	7,408

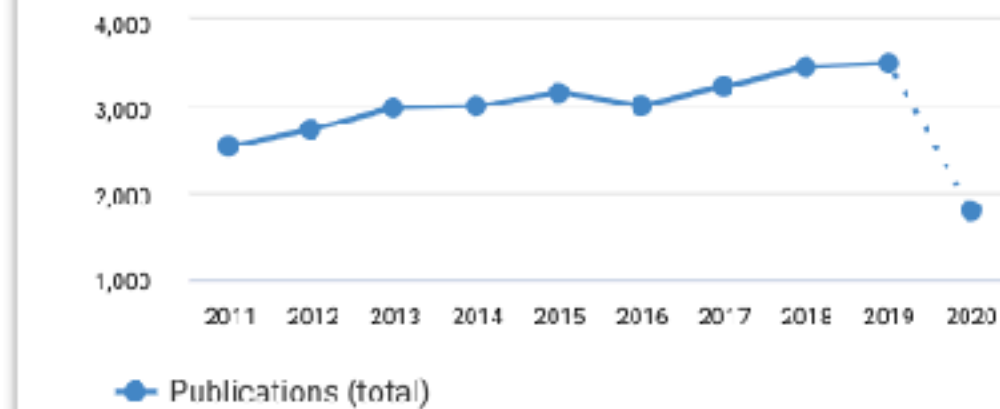
## OVERVIEW

## Citations

2.5 M

## Citations (Mean)

34.62



## OPEN ACCESS

Closed	47,577
All OA	24,126
Green, Submitted	10,195
Bronze	5,250
Green, Published	2,737

## RESEARCHERS

Manfred Paulini Carnegie Mellon University, United States	1,357
Arie Bodek University of Rochester, United States	1,317
Andrew Ivanov Kansas State University, United States	1,197
Ignacio Recondo Centro de Investigaciones Energéticas, Medioambientales y Tecnológ...	1,132
Marta Felcin University College Dublin, Ireland	1,176



FILTERS

FAVORITES

- GROUPS
- PUBLICATION YEAR
- RESEARCHER
- FUNDER
- COUNTRY OF FUNDER
- RESEARCH ORGANIZATION
- LOCATION - RESEARCH ORGANIZATION
- RESEARCH CATEGORIES
- PUBLICATION TYPE
- SOURCE TITLE
- PUBLISHER
  - Institute of Electrical and Electronics Engineers (IEEE) 5,362
  - Springer Nature 5,123
  - Elsevier 4,544
  - Association for Computing Machinery (ACM) 4,085
  - Wiley 1,328
  - American Chemical Society (ACS) 1,163
  - American Physical Society (APS) 1,081
  - Oxford University Press (OUP) 497
  - SAGE Publications 469
  - Royal Society of Chemistry (RSC) 337
  - Cambridge University Press (CUP) 335
  - More
- JOURNAL LIST
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ANALYTICAL VIEWS | PUBLICATIONS

RESEARCH CATEGORIES

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PLACES

COMPARISON

Publishers

related to your search

About indicators

Aggregated Timeline Heatmap

Publications | Citations | Citations (Mean)

Indicator

Mean | Change

Export table

Name	↓ Publications	Citations	Citations mean
Institute of Electrical and Electronics Engineers (IEEE)	5,362	83,798	15.63
Springer Nature	5,123	92,238	18.00
Elsevier	4,544	102,667	22.59
Association for Computing Machinery (ACM)	4,085	67,437	16.51
Wiley	1,328	22,944	17.28
American Chemical Society (ACS)	1,163	39,797	34.22
American Physical Society (APS)	1,081	32,488	30.05
Oxford University Press (OUP)	497	11,276	22.69
SAGE Publications	469	10,110	21.56
Royal Society of Chemistry (RSC)	337	8,607	25.54
Cambridge University Press (CUP)	335	1,887	5.63
ASME International	305	1,835	6.02
Taylor & Francis	305	2,369	7.77
IOP Publishing	301	16,437	54.61



## FILTERS

## FAVORITES

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- PUBLICATION YEAR
- RESEARCHER
- FUNDER
- COUNTRY OF FUNDER
- RESEARCH ORGANIZATION
- LOCATION - RESEARCH ORGANIZATION
- RESEARCH CATEGORIES
- PUBLICATION TYPE
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- PUBLISHER
  - ☐ Institute of Electrical and Electronics Engineers (IEEE) 5,362
  - ☐ Springer Nature 5,123
  - ☐ Elsevier 4,544
  - ☐ Association for Computing Machinery (ACM) 4,085
  - ☐ Wiley 1,328
  - ☐ American Chemical Society (ACS) 1,163
  - ☐ American Physical Society (APS) 1,081
  - ☐ Oxford University Press (OUP) 497
  - ☐ SAGE Publications 469
  - ☐ Royal Society of Chemistry (RSC) 337
  - ☐ Cambridge University Press (CUP) 335
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## ANALYTICAL VIEWS | PUBLICATIONS

RESEARCH CATEGORIES

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## Publishers

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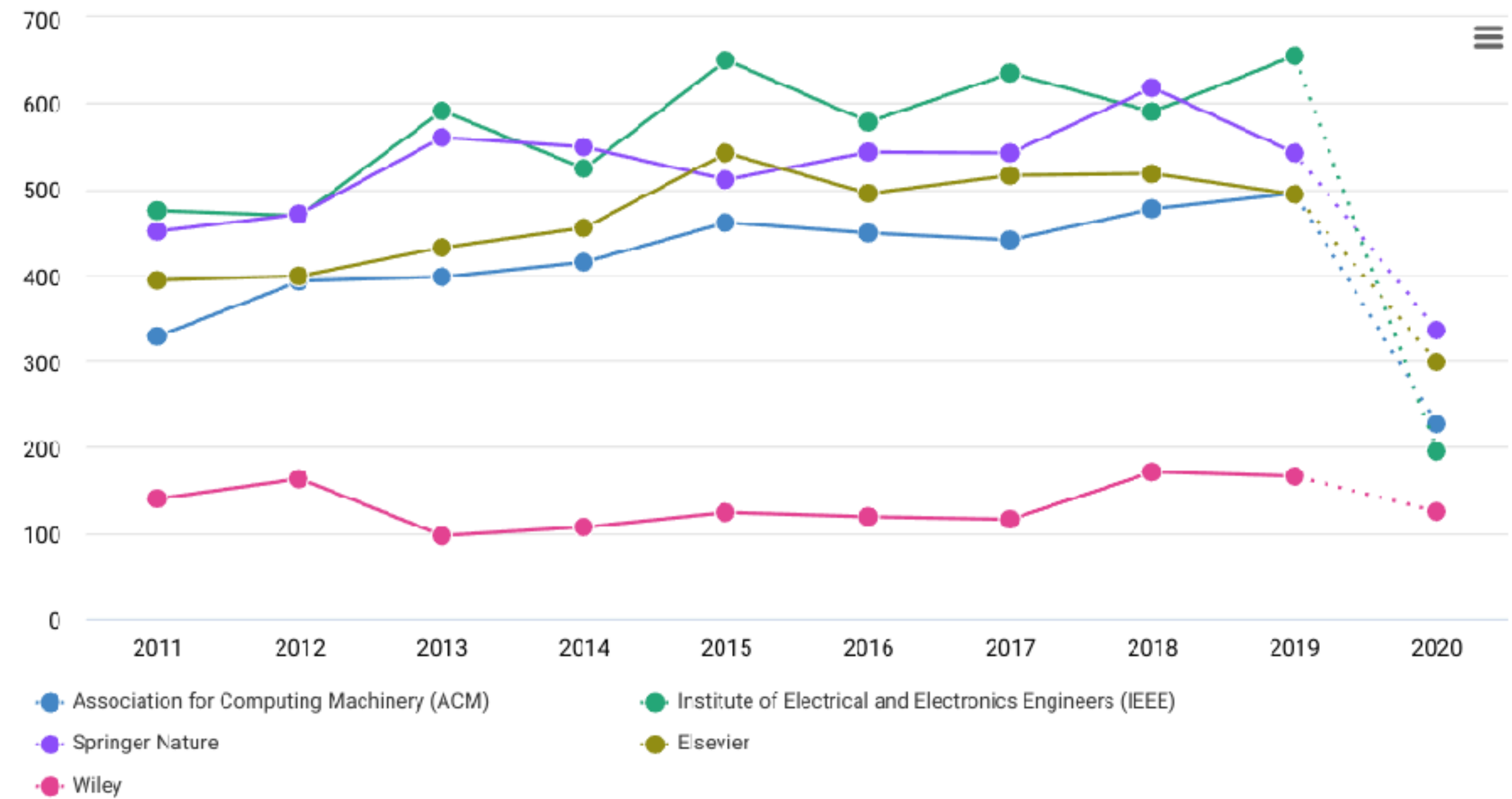
Aggregated Timeline Heatmap

## Publications

Indicator

Show years 2011 to 2020

Chart | Table


[Add publisher to chart](#)

The visualization shows the number of published publications in each year for the selected publishers. The default entities are selected based on the activity in the last 10 years - you can modify the selection by removing or adding entities.

# FILTERS

# FAVORITES

- > GROUPS
- > PUBLICATION YEAR
- > RESEARCHER
- > FUNDER
- > COUNTRY OF FUNDER
- > RESEARCH ORGANIZATION
- > LOCATION - RESEARCH ORGANIZATION
- > RESEARCH CATEGORIES
- > PUBLICATION TYPE
- > SOURCE TITLE
- PUBLISHER
- ☐
Institute of Electrical and Electronics E
5,362

☐
Springer Nature
5,123

☐
Elsevier
4,544

☐
Association for Computing Machinery
4,085

☐
Wiley
1,328

☐
American Chemical Society (ACS)
1,163

☐
American Physical Society (APS)
1,081

☐
Oxford University Press (OUP)
497

☐
SAGE Publications
469

☐
Royal Society of Chemistry (RSC)
337

☐
Cambridge University Press (CUP)
335

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# > ANALYTICAL VIEWS | PUBLICATIONS

RESEARCH CATEGORIES

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SOURCE TITLES

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## Publishers

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Aggregated

Timeline

Heatmap

### Publications

Indicator

Rows

Sort by: Default

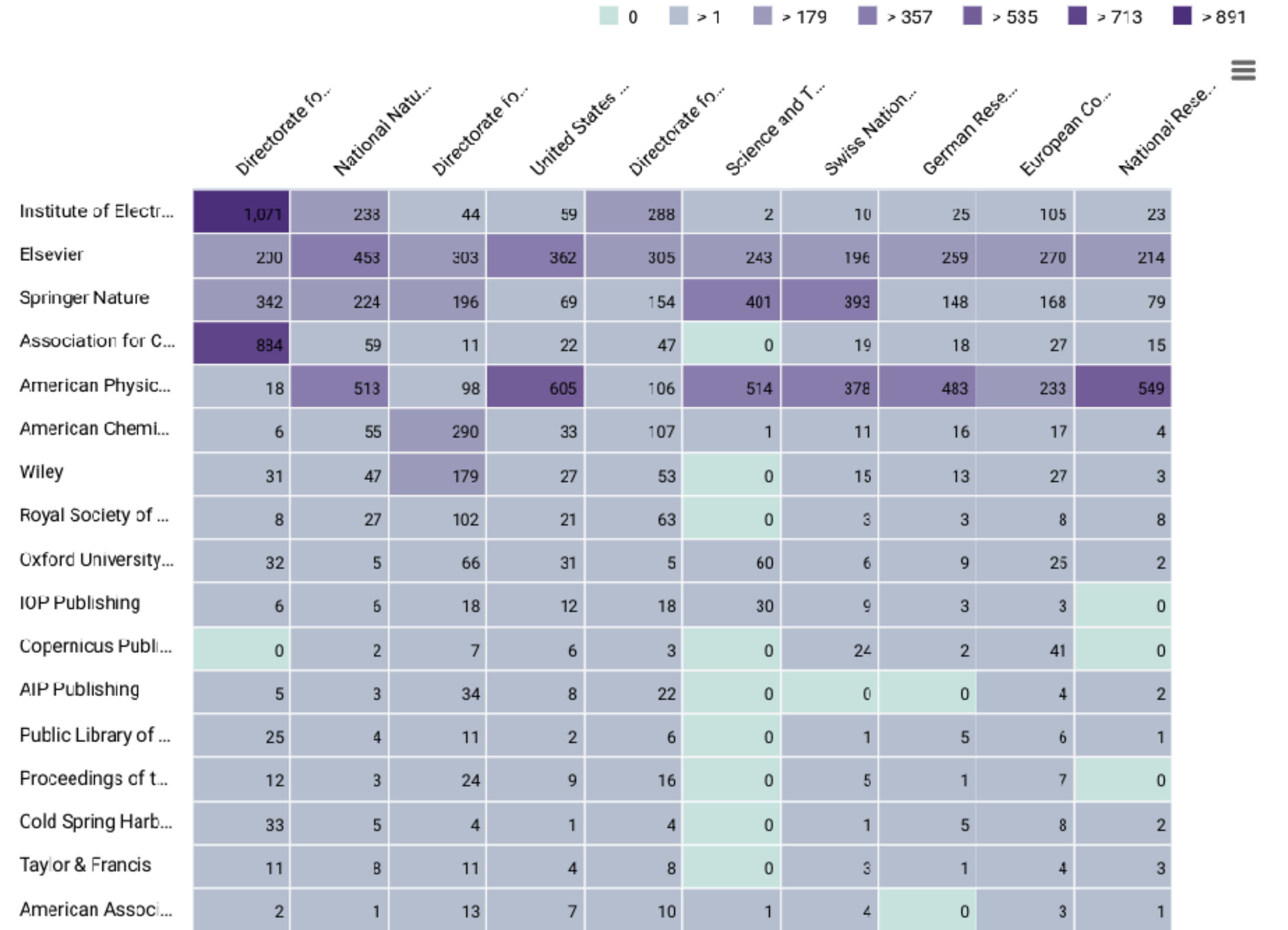
Columns

Funders

Sort by: Default

Chart

Table





## FILTERS

## FAVORITES

GROUPS

PUBLICATION YEAR

RESEARCHER

FUNDING

COUNTRY OF FUNDER

RESEARCH ORGANIZATION

LOCATION - RESEARCH ORGANIZATION

RESEARCH CATEGORIES

PUBLICATION TYPE

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PUBLISHER

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Springer Nature 5,123

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## ANALYTICAL VIEWS | PUBLICATIONS

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## Publishers

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Aggregated Timeline Heatmap

Publications

Indicator

Rows Sort by: Default Columns Funders Sort by: Default

Chart Table

0 &gt; 1 &gt; 179 &gt; 357 &gt; 535 &gt; 713 &gt; 891

Elsevier / National Natural Science Foundation of China (NSFC)  
Publications

453 publications

Show publications

	200	453	303	362	305	243	196	259	270	214
Elsevier	200	453	303	362	305	243	196	259	270	214
Springer Nature	342	224	196	69	154	401	393	148	168	79
Association for Computing Machinery	884	59	11	22	47	0	19	18	27	15
American Physical Society	18	513	98	605	105	514	378	483	233	549
American Chemical Society	6	55	290	33	107	1	11	16	17	4
Wiley	31	47	179	27	53	0	15	13	27	3
Royal Society of Chemistry	8	27	102	21	63	0	3	3	3	8
Oxford University Press	32	5	66	31	5	60	6	9	25	2
IOP Publishing	6	6	18	12	18	30	9	3	3	0
Copernicus Publications	0	2	7	6	3	0	24	2	41	0
AIP Publishing	5	3	34	8	22	0	0	0	4	2
Public Library of Science	25	4	11	2	6	0	1	5	5	1
Proceedings of the National Academy of Sciences	12	3	24	9	16	0	5	1	7	0
Cold Spring Harbor Laboratory Press	33	5	4	1	4	0	1	5	3	2
Taylor & Francis	11	8	11	4	8	0	3	1	4	3
American Association of Physics Teachers	2	1	13	7	10	1	4	0	3	1

## FILTERS

## FAVORITES

&gt; GROUPS

&gt; PUBLICATION YEAR

&gt; RESEARCHER

&gt; FUNDER

&gt; COUNTRY OF FUNDER

&gt; RESEARCH ORGANIZATION

&gt; LOCATION - RESEARCH ORGANIZATION

&gt; RESEARCH CATEGORIES

&gt; PUBLICATION TYPE

&gt; SOURCE TITLE

&lt; PUBLISHER

☐ Elsevier

453

&gt; JOURNAL LIST

&lt; OPEN ACCESS

☐ All OA

260

☐ Pure Gold

232

☐ Closed

193

☐ Green, Submitted

11

☐ Bronze

8

☐ Hybrid

7

☐ Green, Accepted

1

☐ Green, Published

1

## PUBLICATIONS

453

## DATASETS

selected filter not applicable

## GRANTS

selected filter not applicable

## PATENTS

selected filter not applicable

## CLINICAL TRIALS

selected filter not applicable

## POLICY DOCUMENTS

selected filter not applicable

☒ Show abstract Sort by: Publication Date

Title, Author(s), Bibliographic reference - [About the metrics](#)

### Dechlorination and Defluorination Capability of Sulfidized Nanoscale Zerovalent Iron with Suppressed Water Reactivity

Zhen Cao, Jiang Xu, Hao Li, Tianyi Ma, Liping Lou, Graeme Henkelman, Xinhua Xu

2020, Chemical Engineering Journal - Article

Recently, sulfidation of nanoscale zerovalent iron (S-nZVI) has become a potential remediation technology. However, the impact of sulfidation methods and actual sulfur content ([S/Fe]particle) on the... [more](#)

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### A Resource utilization method for volatile organic compounds emission from the semiconductor industry: Selective catalytic oxidation of isopropanol to acetone Over Au/ $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> nanosheets

Honghong Zhang, Lingyun Dai, Yuan Feng, Yuhua Xu, Yuxi Liu, Guangsheng Guo, Hongxing Dai, Chongchen Wang, Can Wang, Hsi...

2020, Applied Catalysis B Environmental - Article

We prepare  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> nanosheet supported 0.38, 0.81, and 1.36 wt% Au (average particle size = 4.0 nm) nanocatalysts, and investigate their performance and mechanism for the selective catalytic oxidatio... [more](#)

Add to Library

### A Trivariate T-spline based Framework for Modeling Heterogeneous Solids

Bin Li, Jianzhong Fu, Yongjie Jessica Zhang, Aishwarya Pawar

2020, Computer Aided Geometric Design - Article

We present a robust framework to conduct material modeling suitable for continuously varying materials with a local material composition control. The geometry and attribute representations are define... [more](#)

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### Modeling relation paths for knowledge base completion via joint adversarial training

Chen Li, Xutan Peng, Shanghang Zhang, Hao Peng, Philip S. Yu, Min He, Linfeng Du, Lihong Wang

2020, Knowledge-Based Systems - Article

Knowledge Base Completion (KBC), which aims at determining the missing relations between entity pairs, has received increasing attention in recent years. Most existing KBC methods focus on either emb... [more](#)

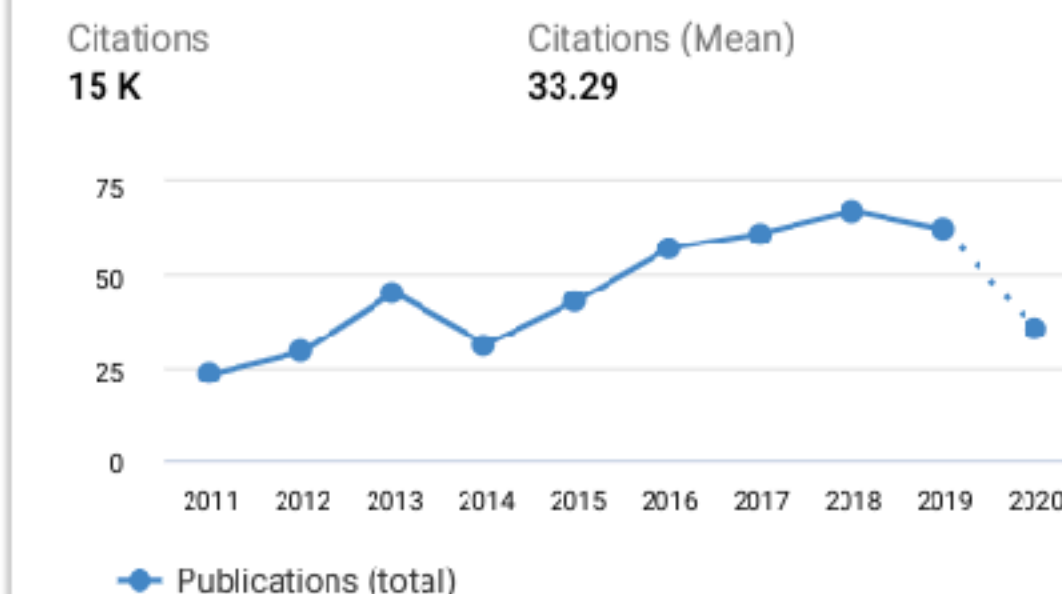
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## &lt; ANALYTICAL VIEWS

## RESEARCH CATEGORIES

02 Physical Sciences	214
0202 Atomic, Molecular, Nuclear, Particle and Plasma Physi...	170
01 Mathematical Sciences	107
09 Engineering	107
0105 Mathematical Physics	70

## OVERVIEW



## OPEN ACCESS

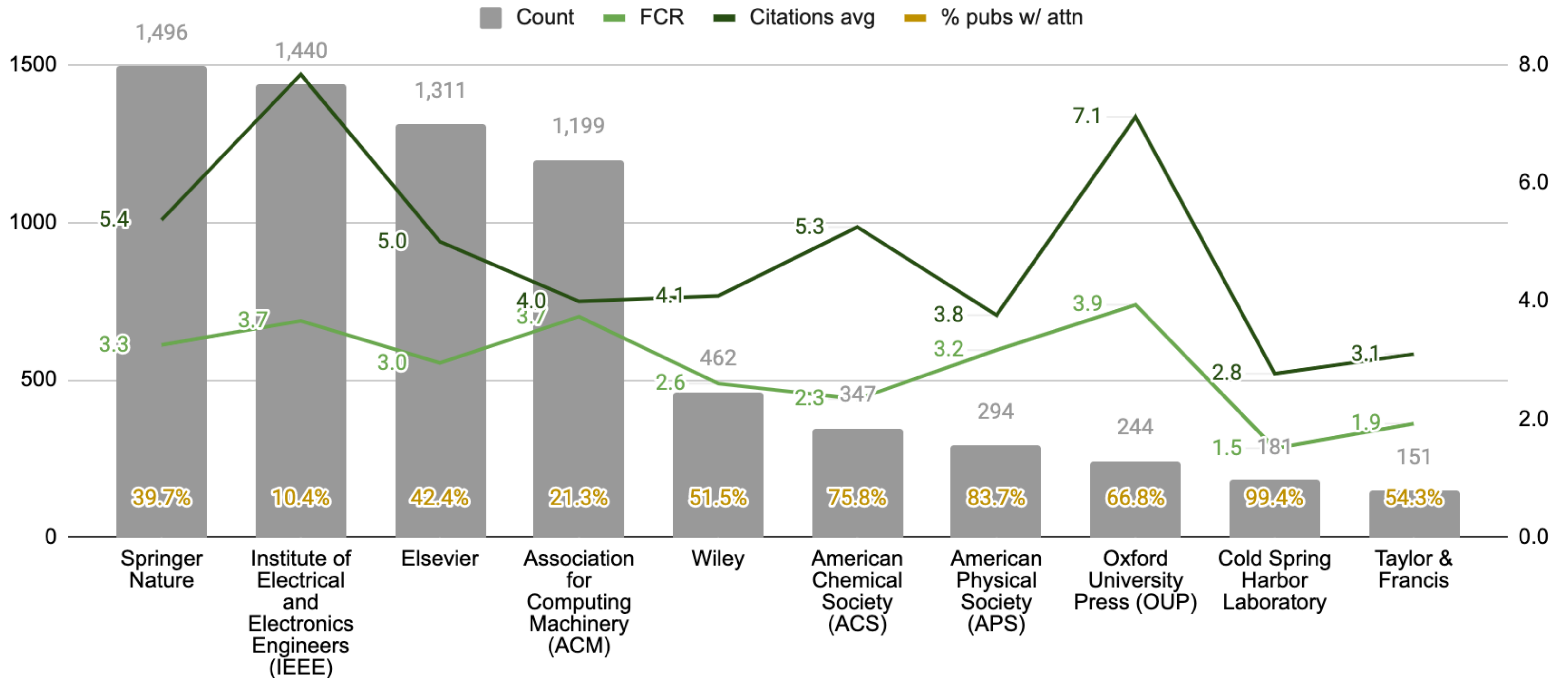
All OA	260
Pure Gold	232
Closed	193
Green, Submitted	11
Bronze	8

## RESEARCHERS

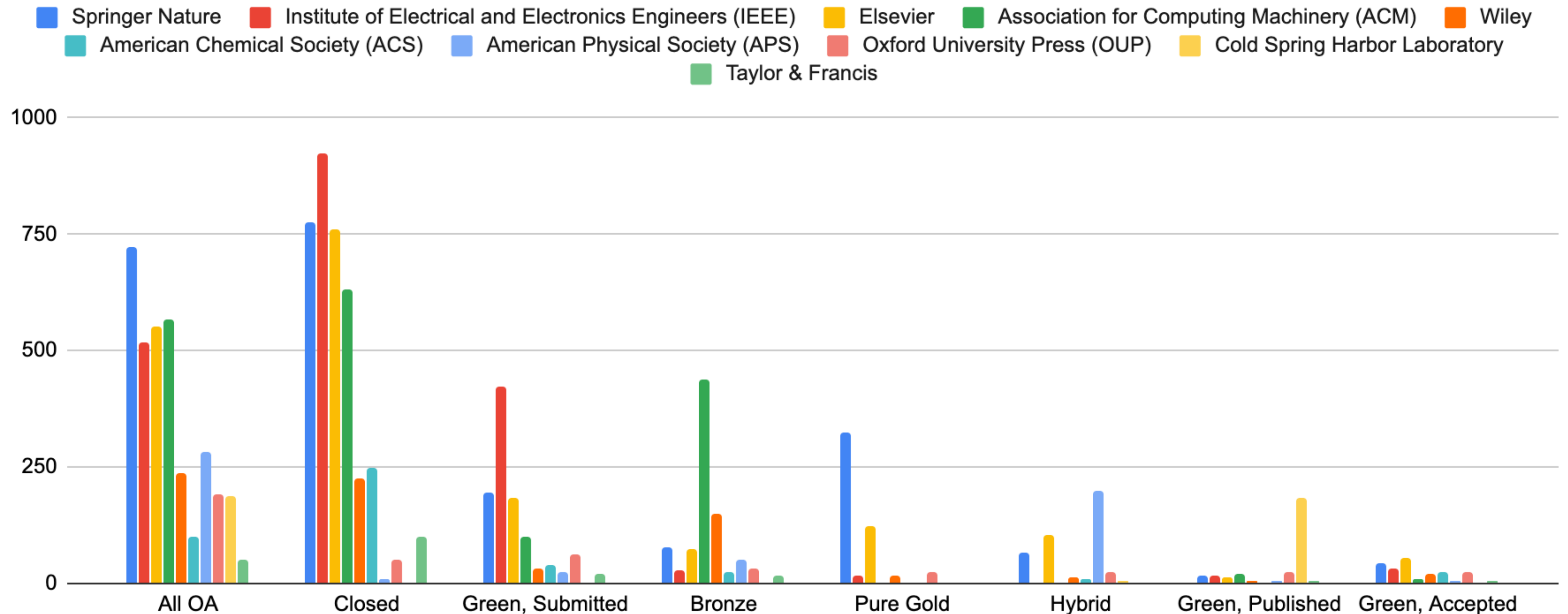
Ferenc Sikler MTA Wigner Research Centre for Physics, Hungary	208
C Martinez Rivero	208



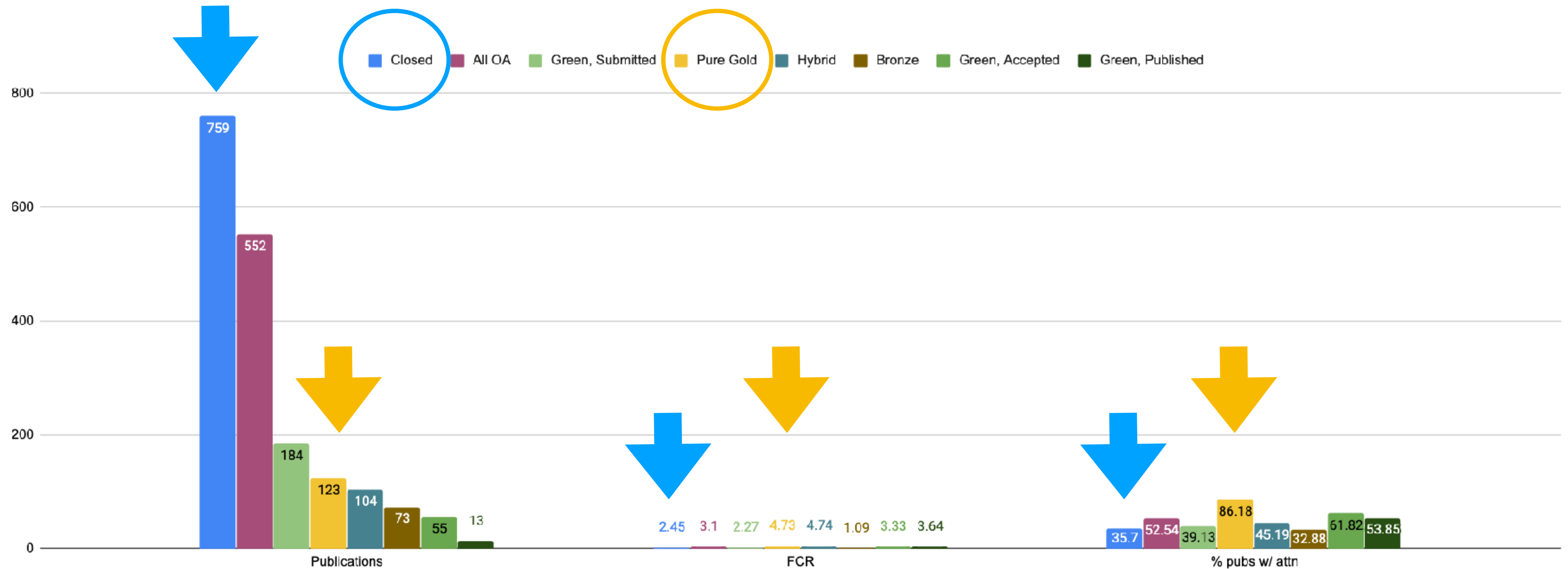
# CMU's top 10 publishers by volume, 2018-2020



# CMU's top 10 publishers by volume, 2018-2020, OA status



# CMU's publications with Elsevier, 2018-2020, overview





# Our use of other products

Elsevier produces many products relevant to universities, hospitals, etc.

The screenshot displays the Elsevier website's 'All Elsevier digital solutions' section. The header includes the Elsevier logo and navigation links: 'About Elsevier', 'Products & Solutions', 'Services', and 'Shop & Discover'. A search bar is located in the top right corner. The main content area features a large banner with a DNA double helix and a search bar. Below the banner, there are two columns of product cards. The left column, labeled 'A', contains 'Analytical Services' and 'Arezzo'. The right column, labeled 'C', contains 'Care Planning', 'Chemtiva', and 'Clinical eLearning'. Each card includes a brief description and a 'Contact us' button.

**ELSEVIER**

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Search... x

Sign-in, contact us or request a consultation.

**A**

**Analytical Services**  
Customized analysis, reports and services to meet your research management needs  
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**Arezzo**  
An active clinical decision support and pathway technology  
[Contact us >](#)

**C**

**Care Planning**  
Coordinated care across the continuum  
[Contact us >](#)

**Chemtiva**  
Chemtiva mitigates commercial risks, drives digitization and delivers key material safety risk infor  
[Contact us >](#)

**Clinical eLearning**  
Promote professional development and practice improvement with evidence-based learning

<https://www.elsevier.com/solutions>





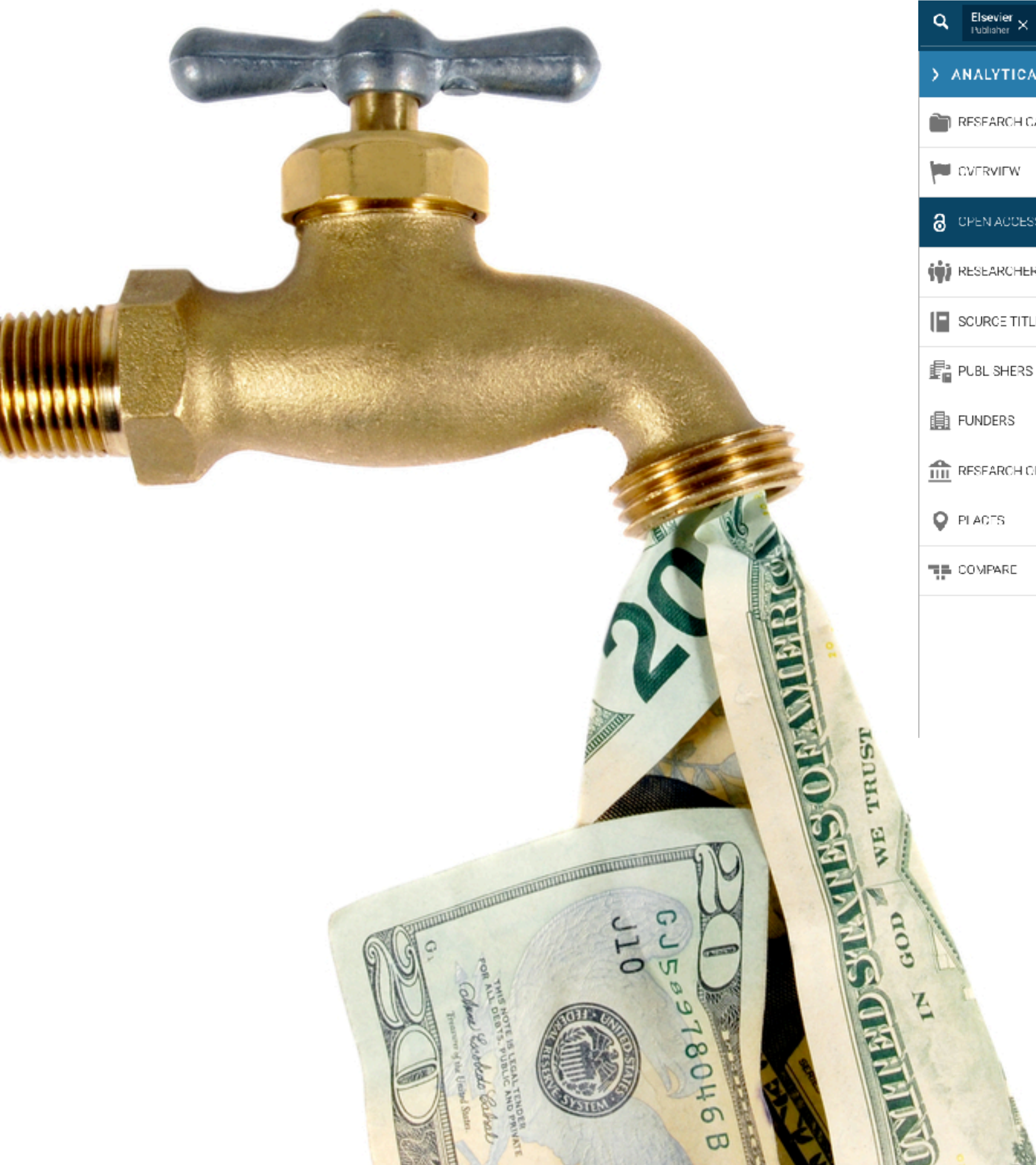
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<div><div>Elsevier</div><div>2018</div><div>Carnegie Mellon University</div></div> <div>Save / ExportWorkflowSupport</div> <div>Keith We...</div>			
ANALYTICAL VIEWS   PUBLICATIONS			
RESEARCH CATEGORIES			
OVERVIEW			
OPEN ACCESS			
RESEARCHERS			
SOURCE TITLES			
PUBLISHERS			
FUNDERS			
RESEARCH ORGANIZATIONS			
PLACES			
COMPARE			
Open Access			
related to your search			
AggregatedTimelineHeatmap			
Publications   Citations   Citations (Mean)			
Indicator			
Mean   Change			
Export table			
Name	↓ Publications	Citations	Citations mean
Closed	280	2,314	8.26
All OA	298	2,038	8.56
Green, Submitted	84	525	6.25
Pure Gold	51	512	10.04
Hybrid	44	498	11.32
Green, Accepted	37	415	11.22
Bronze	18	63	3.50
Green, Published	4	25	6.25





## Societies

Working in partnership to meet your publishing goals

[Home](#) > [Books and Journals](#) > [Societies](#)

As the world's leading scientific, technical, and medical publisher, Elsevier has an impressive record of long, fruitful and synergistic relationships with over 600 learned societies and associations worldwide.

### Strategic journal development

Your society can benefit from Elsevier's ability to monitor, predict, and respond to the changing publishing landscape.

### Marketing & sales

Discover how Elsevier services that help raise the societies profile in the professional community and build non-subscription revenues.

### Editorial and production support

Elsevier developed specific services for your journal Editors and editorial office staff.

### Open access

Your society can benefit from a range of options for authors wishing to publish their article open access.

### Strong partnerships & team spirit

Each society's needs are unique and Elsevier as a publishing partner understands their specialty and markets.

### Customer service & fulfillment

Your society can benefit from a first-class customer service team responsible for dealing with the management and fulfillment of all journal subscriptions.


### Technologies & innovation

Electronic formats greatly expand visibility, market perception, and revenue generation.



Given nam	Initials	Surname	E-mail	Journal name	Acronym	Editorial role	Organization	Suborganiz
				Design Studies	JDST	Editorial Board Member	Carnegie Mellon University	Dept. of Arc
				ARTIFICIAL INTELLIGENCE IN ENGINEERING	ARIE	Editorial Board Member	Carnegie Mellon University	Dept. of Civ
				Advanced Engineering Informatics	ADVEI	Editorial Board Member	Carnegie Mellon University	Dept. of Civ
				Automation in Construction	AUTCON	Editorial Board Member	Carnegie Mellon University	Dept. of Civ
				Science of Computer Programming	SCICO	Guest Editor	Carnegie Mellon University	Dept. of Co
				Learning and Instruction	JLI	Editorial Board Member	Carnegie Mellon University	General
				Journal of Applied Logic	JAL	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Journal of Engineering and Technology Management	ENGTEC	Editorial Board Member	Carnegie Mellon University	General
				Information Economics and Policy	IEPOL	Editorial Board Member	Duke University / CMU	Fuqua Scho
				Research Policy	RESPOL	Advisory Editor	Duke University / CMU	Fuqua Scho
				Discrete Optimization	DISOPT	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Discrete Applied Mathematics	DAM	Advisory Board Member	Carnegie Mellon University	Dept. of Ma
				European Journal of Operational Research	EOR	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Electronic Commerce Research and Applications	ELERAP	Former Associate Editor	Carnegie Mellon University	CyLab
				Computers & Security	COSE	Guest Editor	Carnegie Mellon University	CyLab
				Neuropsychologia	NSY	Advisory Board Member	Carnegie Mellon University	Dept. of Psy
				Cortex	CORTEX	Guest Editor	Carnegie Mellon University	Dept. of Psy
				Progress in Polymer Science	JPPS	Editor-in-Chief	Carnegie Mellon University	Dept. of Ch
				Progress in Polymer Science	JPPS	Guest Editor	Carnegie Mellon University	Dept. of Ch
				Additive Manufacturing	ADDMA	Editorial Board Member	Carnegie Mellon University	General
				Computer Speech & Language	YCSLA	Guest Editor	Carnegie Mellon University	Dept. of Co
				Speech Communication	SPECOM	Editorial Board Member	Carnegie Mellon University	Language Tr
				Journal of Criminal Justice	JCJ	Former Editor	Carnegie Mellon University	H. John Hei
				Operations Research Letters	OPERES	Advisory Editor	Carnegie Mellon University	H. John Hei
				Progress in Polymer Science	JPPS	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Advances in Applied Mathematics	YAAMA	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				The Journal of Systems & Software	JSS	Guest Editor	Carnegie Mellon University	Dept. of Co
				Electronic Notes in Theoretical Computer Science	ENTCS	Editor	Carnegie Mellon University	Dept. of Co
				Journal of Applied Logic	JAL	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Design Studies	JDST	Associate Editor	Carnegie Mellon University	Dept. of Me
				Neural Networks	NN	Editorial Board Member	Carnegie Mellon University	Dept. of Ele
				Data & Knowledge Engineering	DATAK	Editor-in-Chief	Carnegie Mellon University	Software Er
				Progress in Energy and Combustion Science	JPECS	Editor-in-Chief	Carnegie Mellon University	Dept. of Me
				Journal of Applied Logic	JAL	Editorial Board Member	Carnegie Mellon University	School of C
				Explorations in Economic History	YEXEH	Editorial Board Member	Carnegie Mellon University	H. John Hei
				Journal of Cleaner Production	JCLP	Guest Editor	Carnegie Mellon University	Dept. of Ch
				Journal of Iron and Steel Research International	JISRI	Editorial Board Member	Carnegie Mellon University	General
				Journal of Computer and System Sciences	YJCSS	Associate Editor	Carnegie Mellon University	Computer S
				Applied and Preventive Psychology	APPSY	Former Editorial Board Member	Carnegie Mellon University	Sch. of Soci
				Journal of Biotechnology	BIOTEC	Editorial Board Member	Carnegie Mellon University	Dept. of Ch
				Developmental Review	YDREV	Associate Editor	Carnegie Mellon University	Sch. of Soci
				Electronic Commerce Research and Applications	ELERAP	Associate Editor	Carnegie Mellon University	General
				Journal of Applied Research in Memory and Cognition	JARMAC	Editorial Board Member	Carnegie Mellon University	Sch. of Soci
				Automation in Construction	AUTCON	Former Editorial Board Member	Carnegie Mellon University	School of A
				Journal of Discrete Algorithms	JDA	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Discrete Mathematics	DISC	Editorial Board Member	Carnegie Mellon University	Dept. of Ma
				Research Policy	RESPOL	Advisory Editor	Carnegie Mellon University	General
				ARTIFICIAL INTELLIGENCE IN ENGINEERING	ARIE	Editorial Board Member	Carnegie Mellon University	Dept. of Civ
				Advanced Engineering Informatics	ADVEI	Editorial Board Member	Carnegie Mellon University	Dept. of Civ
				Surface Science	SUSC	Editorial Board Member	Carnegie Mellon University	Dept. of Ch


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ABOUTPUBLICATIONSPROFESSIONALTEACHING

PROFESSIONAL ACTIVITIES

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Title ^Date ▼Type

COMMITTEE MEMBERSHIP

International Association for Conflict Management

1 Jan 2020

President

COMMITTEE MEMBERSHIP

Negotiation and Team Resources Institute

1 Mar 2018

Chair

COMMITTEE MEMBERSHIP

Committee Member

1 Mar 2016 - 1 Jul 2016

Member

COMMITTEE MEMBERSHIP


Editorial Review Board Member

1 Jan 2016

Member

Carnegie Mellon University

← BACK TO MY SEARCH



Jennifer Lynn Bruder

id

0000-0002-3815-6313

ABOUTPUBLICATIONSPROFESSIONALTEACHING

PROFESSIONAL ACTIVITIES

Showing 1-8 out of 8

Previous1Next

Title ^Date ▼Type

JOURNAL REVIEWING / REFEREEING

Neuroscience Letters

9 Jun 2020 - 23 Jun 2020

Anonymous peer review





### NISO webinar

<https://www.niso.org/events/2020/07/no-more-big-deal-picking-and-choosing-titles-use>



### OA2020 community of practice

<https://keeper.mpdl.mpg.de/f/aa8e0ddcd933417e8414/>



### NASIG annual conference

[https://www.youtube.com/watch?v=KhR\\_5uMytrM](https://www.youtube.com/watch?v=KhR_5uMytrM)



### ACRL Science Technology Section

<https://kilthub.cmu.edu/>



# 危机

In a crisis, be aware of the danger--but  
recognize the opportunity.



OCTOBER 2020

# The future of the research library in the post-pandemic university

Keith Webster

*Dean of University Libraries and Director of Emerging and  
Integrative Media Initiatives*

Carnegie Mellon University



@cmkeithw

SEPTEMBER 10, 2020

# Digital Scholarship for a Post-crisis Tomorrow: Digital Acceleration and the Role of the Library

Keith Webster

*Dean of University Libraries and Director of Emerging and  
Integrative Media Initiatives*

Carnegie Mellon University



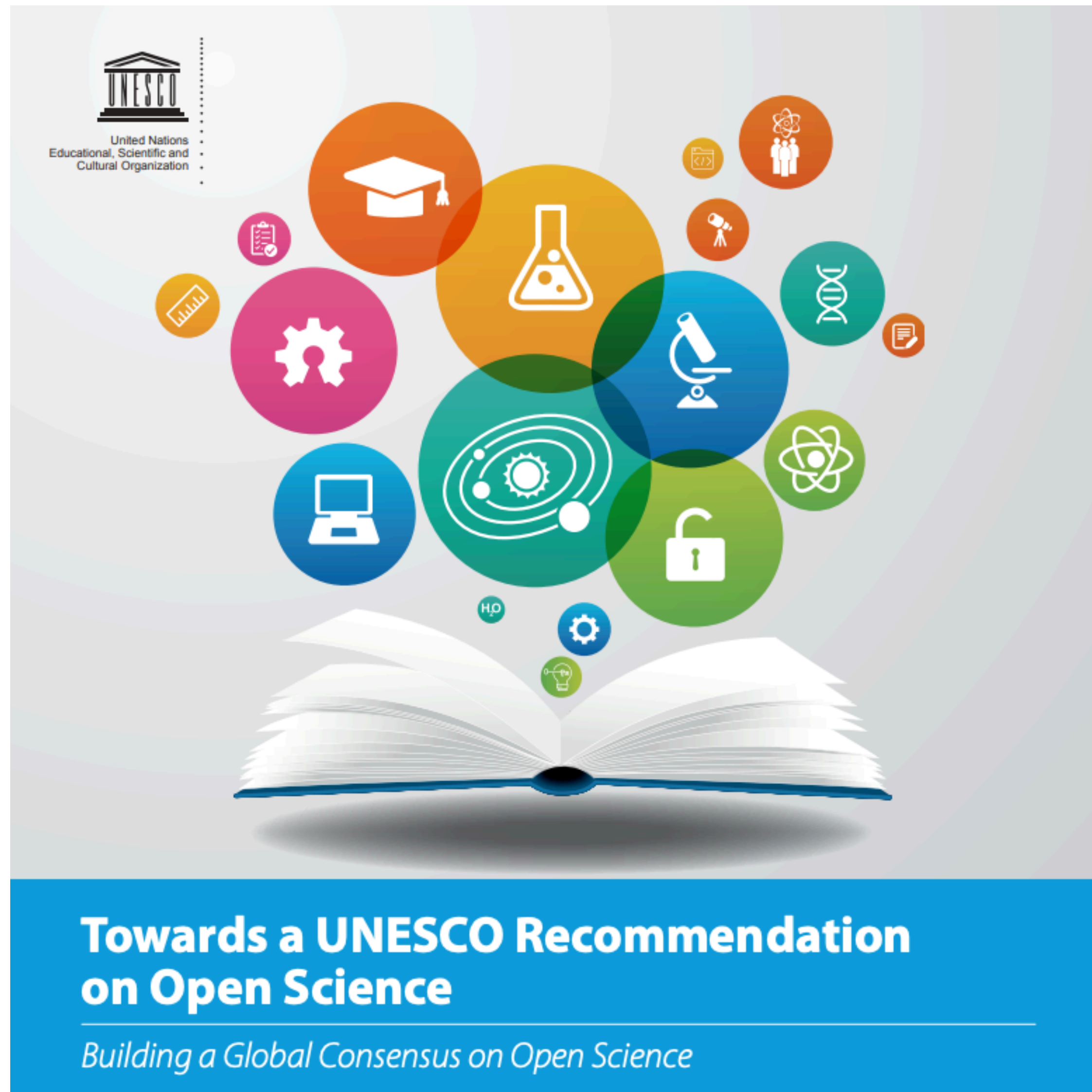
@cmkeithw

**10th Shanghai international Library Forum**

<http://silf2020.library.sh.cn/en/>

**CNI Digital Scholarship Planning 2020**

<https://www.youtube.com/watch?v=GaWTyxahx2s>



“The COVID-19 pandemic raises our awareness of the importance of science, both in research and international cooperation. The present crisis also demonstrates the urgency of stepping up information sharing through open science. The time has come for us to commit all together,”

–UNESCO Director-General Audrey Azoulay



As businesses step into the post-coronavirus future, they need to find a balance between what worked before and what needs to happen to succeed in the next normal.

~ McKinsey & Co.





Global COVID-19-driven digital adoption rates have covered decades in days.



E-commerce

**10 years in 8 weeks**

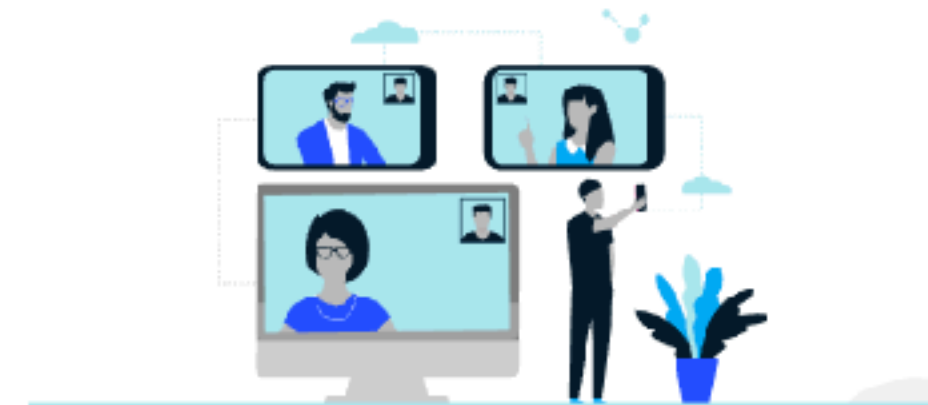
increase in e-commerce deliveries



Telemedicine

**10x in 15 days**

increase in virtual appointments



Remote working

**20x participants in 3 months**

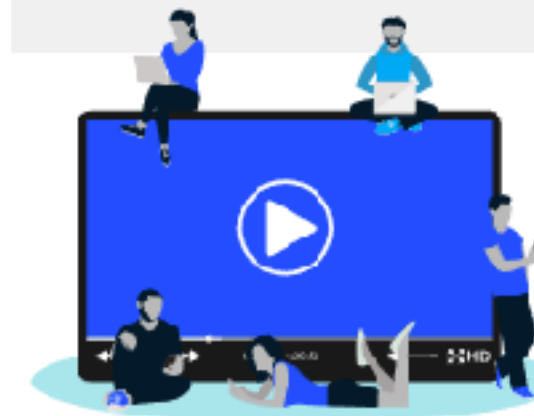
increase in videoconferencing



Remote learning

**250 million in 2 weeks**

students who went to online learning



Online entertainment

**7 years in 5 months**

Disney+ achieved in five months what took Netflix 7 years



# Carnegie Mellon University



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cmkeithw



Keith Webster



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