

Summer 6-4-2020

A surge in open access publications in the United Arab Emirates: a bibliometric analysis

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Recommended Citation

Pasha, K., & Al Sheryani, R. (2020, June). A surge in open access publications in the United Arab Emirates: a bibliometric analysis. Presented online at the UAE Information Literacy Network virtual symposium, Zayed University, Abu Dhabi, UAE

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A surge in open access publications in the United Arab Emirates: a bibliometric analysis

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OPEN ACCESS Publications

Research Overview

❖ What is open access publishing?

Open access journals allow the reader to read, download, copy, distribute, print, retrieve and link to the full text. Open access greatly reduces the costs of production, distribution, and storage, and of course access and usage are free of charge.

❖ Scope of this project:

To identify the progress of OA publications in the United Arab Emirates

❖ Methodology:

- A bibliometric study was conducted to identify the trend of OA publications in the United Arab Emirates: 2015-2019.
- The academic database **Scopus** is used as the tool for conducting the bibliometric analysis.

Open access publications in the UAE

Limited to journal articles
and conference proceedings
published from **2015-2019**

UAEU
جامعة الإمارات العربية المتحدة
United Arab Emirates University

Scopus

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AFFILCOUNTRY(united AND arab AND emirates) AND (LIMIT-TO(DOCTYPE, "ar")) AND (LIMIT-TO(SRCTYPE, "j") OR LIMIT-TO(SRCTYPE, "p")) AND (LIMIT-TO(PUBYEAR, 2019) OR LIMIT-TO(PUBYEAR, 2018) OR LIMIT-TO(PUBYEAR, 2017) OR LIMIT-TO(PUBYEAR, 2016) OR LIMIT-TO(PUBYEAR, 2015)) AND (LIMIT-TO(ACCESSTYPE(OA)))

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Growth trend for open access publications in UAE: 2015-2019

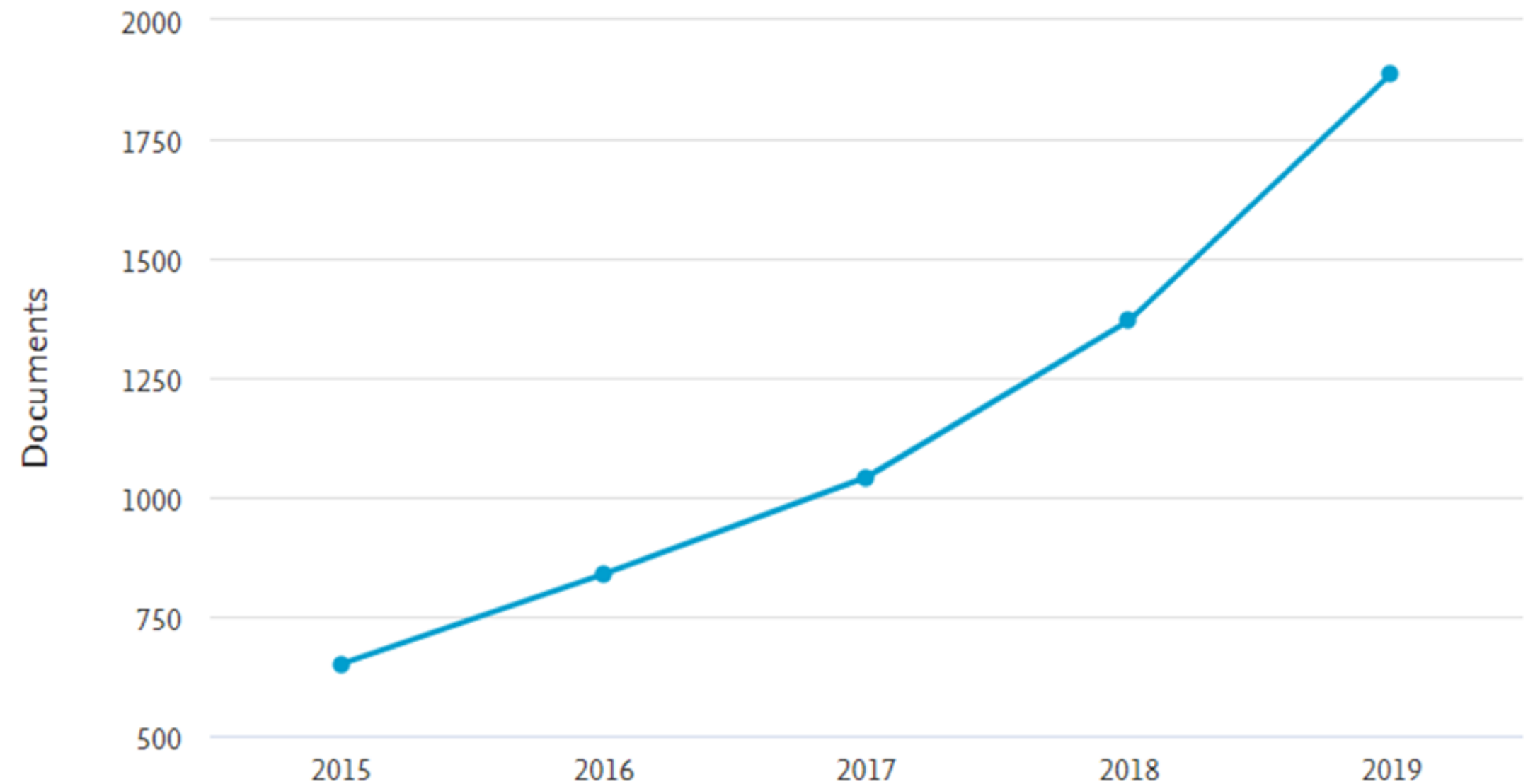
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Select year range to analyze: 2015 to 2019 Analyze

Year ↓	Documents ↑
2019	1888
2018	1370
2017	1042
2016	839
2015	651

Documents by year



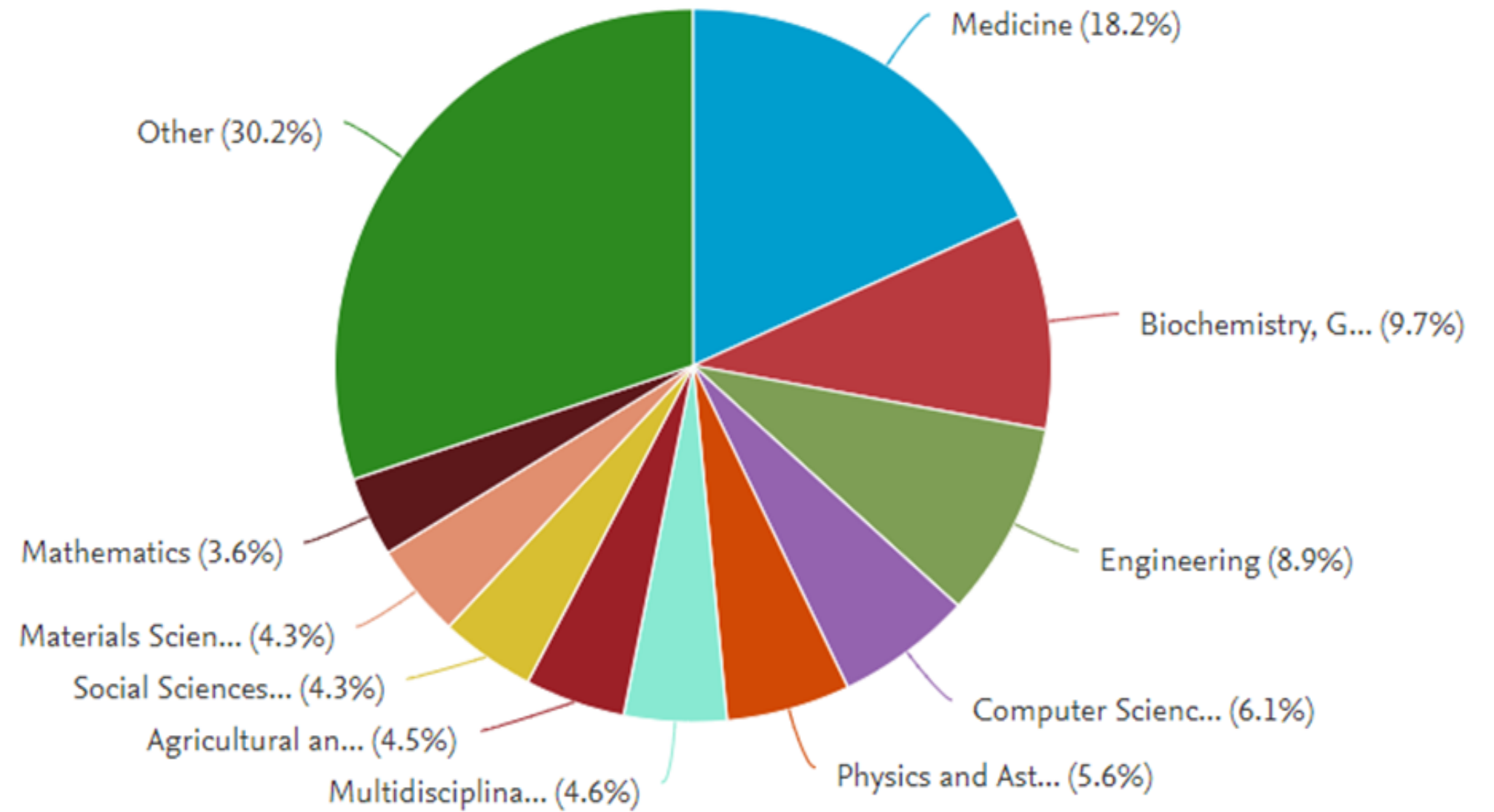
Yearly percentage increase

2015 - 2016	28.9%
2016 - 2017	24.2%
2017 - 2018	31.5%
2018 - 2019	37.8%

Open access publications from 2015-2019: subject analysis

Subject area ↓	Documents ↓
Medicine	1827
Biochemistry, Genetics and Molecular Biology	977
Engineering	894
Computer Science	617
Physics and Astronomy	563
Multidisciplinary	465
Agricultural and Biological Sciences	455
Social Sciences	432
Materials Science	431

Documents by subject area

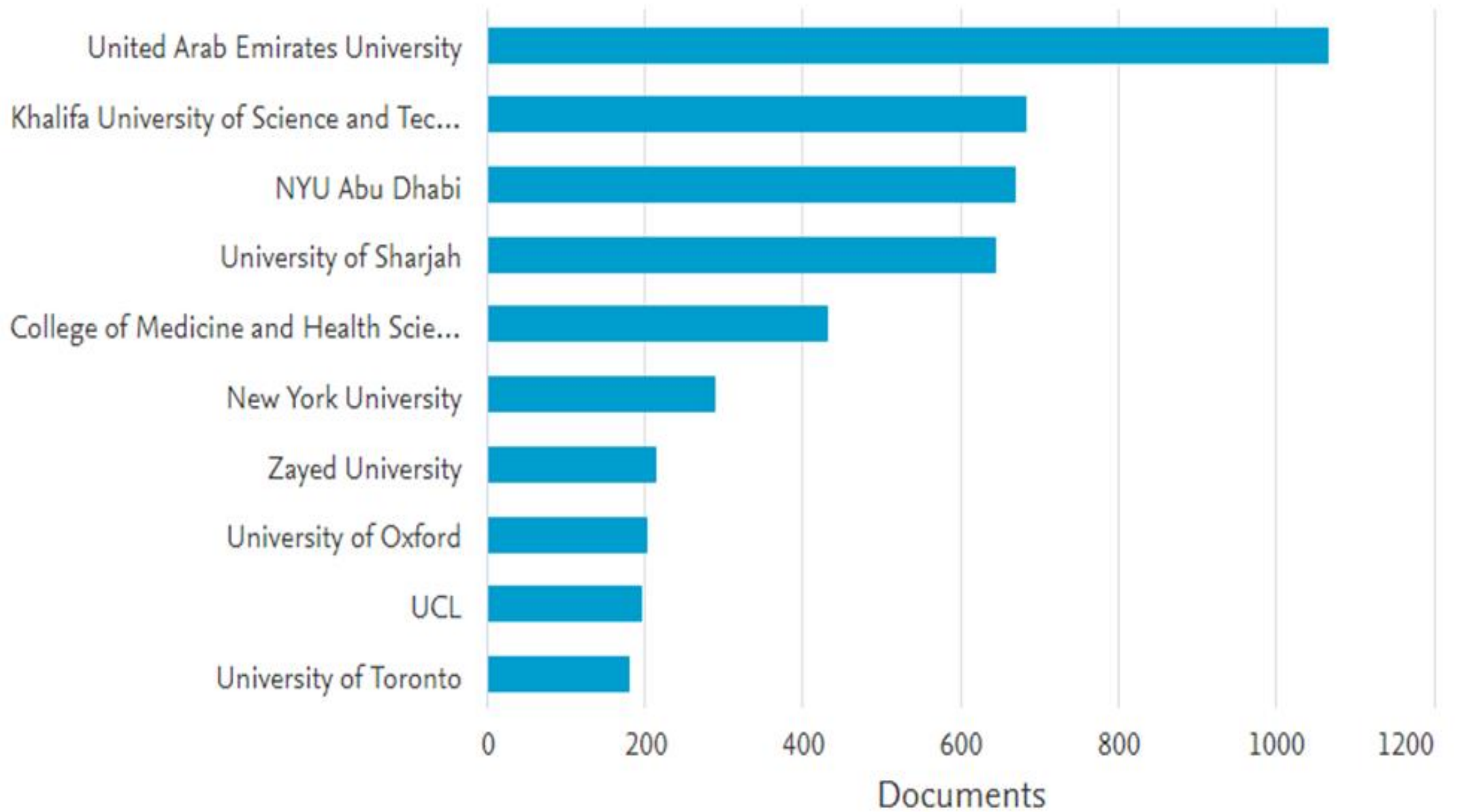


Open access publications in UAE, 2015-2019: affiliations

Affiliation ↑	Documents ↓
United Arab Emirates University	1066
Khalifa University of Science and Technology	682
NYU Abu Dhabi	670
University of Sharjah	644
College of Medicine and Health Sciences United Arab Emirates University	430
New York University	287
Zayed University	213
University of Oxford	203

Documents by affiliation

Compare the document counts for up to 15 affiliations.



Scopus search result for UAE publications from 2015-2019: 32 out of 50 top cited articles are open access

Year	Count	Author name	Count
<input type="checkbox"/> 2018	(7,179) >		
<input type="checkbox"/> 2017	(6,404) >		
<input type="checkbox"/> 2016	(5,644) >		
<input type="checkbox"/> 2015	(4,923) >		

Subject area	Count
<input type="checkbox"/> Engineering	(9,567) >
<input type="checkbox"/> Computer Science	(7,177) >
<input type="checkbox"/> Medicine	(5,491) >
<input type="checkbox"/> Energy	(3,523) >

<input type="checkbox"/> 2	Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013	Vos, T., Barber, R.M., Bell, B., (...), Salomon, J.A., Murray, C.J.L.	2015	The Lancet 386(9995), pp. 743-800	2792
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 3	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition) Open Access	Klionsky, D.J., Abdelmohsen, K., Abe, A., (...), Zorzano, A., Zughaier, S.M.	2016	Autophagy 12(1), pp. 1-222	2423
View at Publisher Related documents					
<input type="checkbox"/> 4	Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015 Open Access	Wang, H., Naghavi, M., Allen, C., (...), Zonies, D., Zuhlke, L.J.	2016	The Lancet 388(10053), pp. 1459-1544	2136
View abstract <input type="checkbox"/> View at Publisher Related documents					
<input type="checkbox"/> 5	Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015 Open Access	Vos, T., Allen, C., Arora, M., (...), Zeeb, H., Zuhlke, L.J.	2016	The Lancet 388(10053), pp. 1545-1602	2068

Conclusion

- ❖ Study result show a rapid yearly growth in publication of open access journals articles in the UAE by 190 % from 651 in 2015 to 1888 in 2019.
- ❖ Researchers affiliated to UAEU, Khalifa University, NYU Abu Dhabi and other universities in the UAE are publishing open access contents.
- ❖ Bibliometric analysis result of top cited 50 journals articles in the UAE is an indication of higher citation impact for OA publications over conventional publications.

References:

- ❖ Chang, C. C. (2006). Business models for open access journals publishing. *Online Information Review*.
- ❖ Scopus database (2020). Retrieved from <https://www.scopuscom.uaeu.idm.oclc.org/search/form.uri?display=basic>

Thank
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