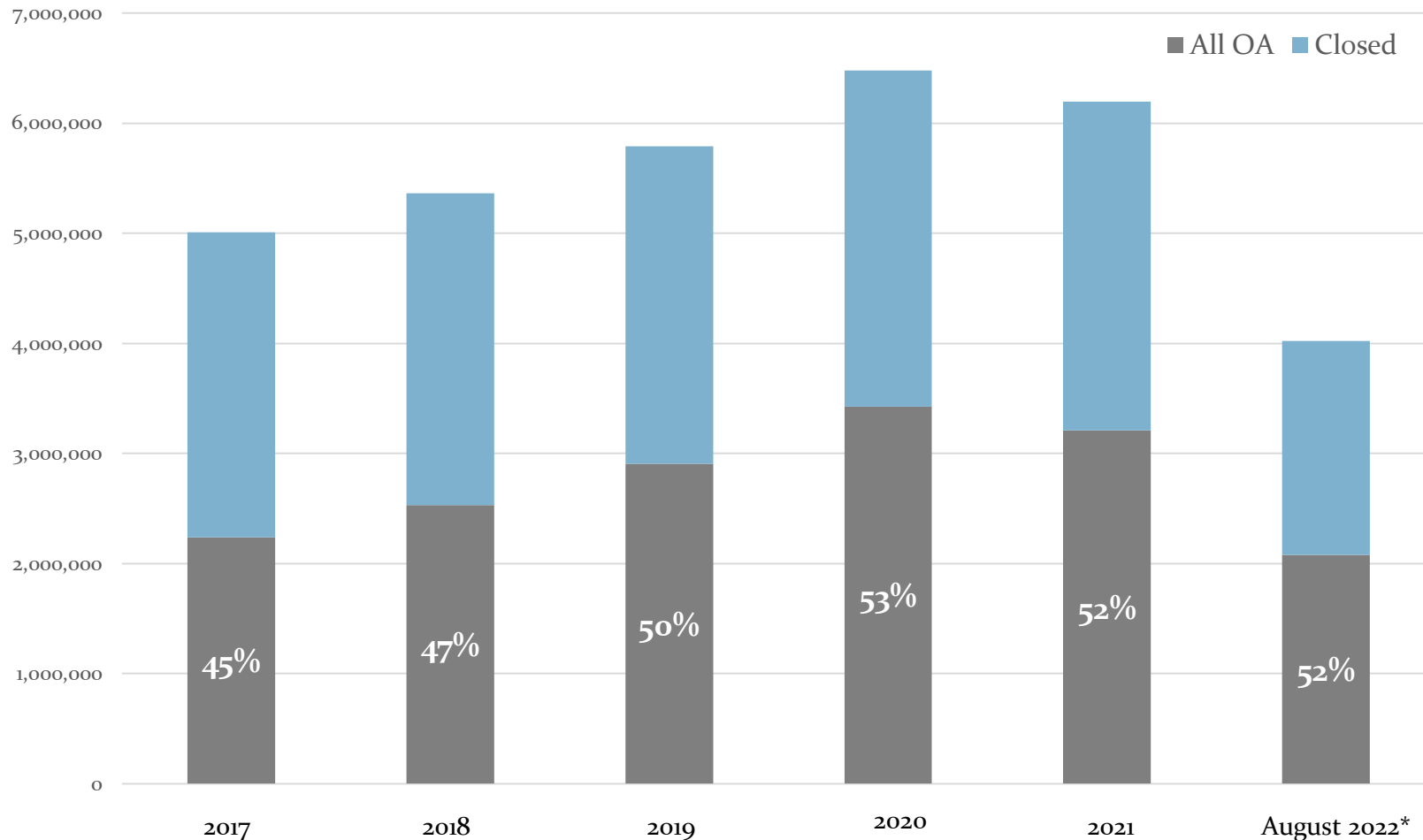


Current Status and Impact of OA Publication

Dr. Unai Vicario
Publisher & Scientific Officer

Academic Publishing Output

OA continues to grow and it is now 50%+ of total articles published



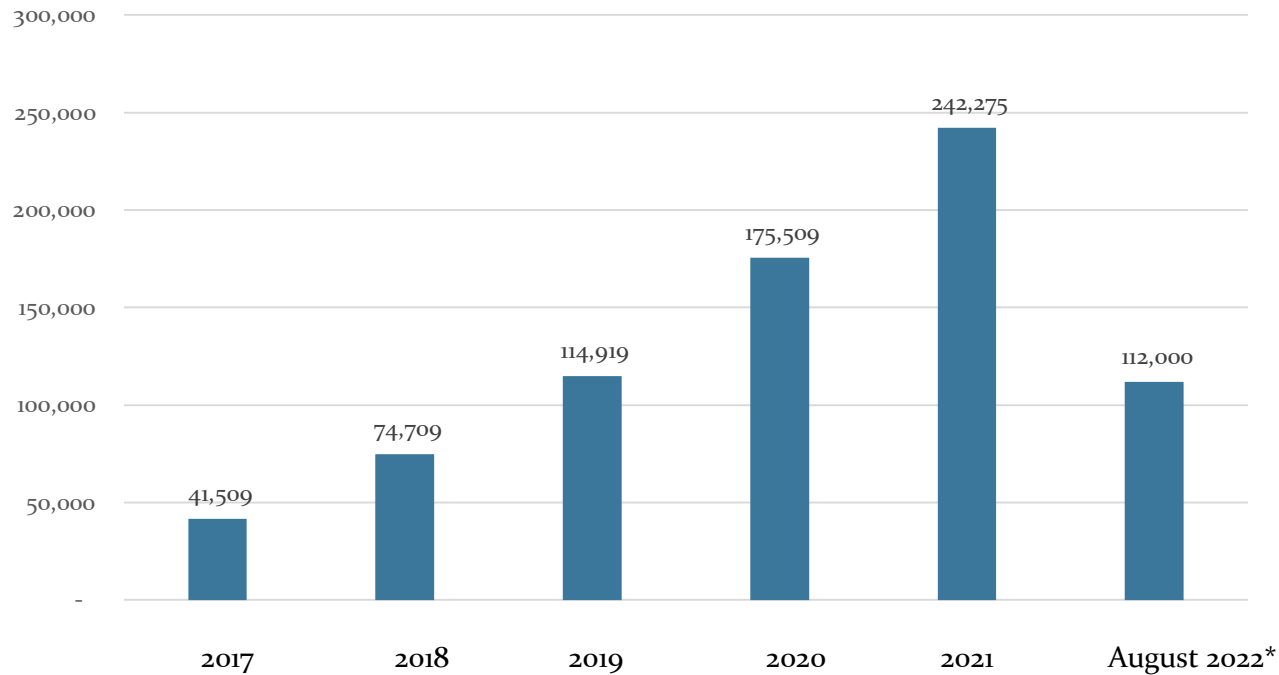
Over the past 5 years total OA publishing grew by an average of 10% each year, while closed (subscription) only by 3%.

Interestingly, with almost 50% of articles published OA, transformative agreements (pay to read) should decrease in significance.

*as of August 30th, 2022. Based on data from Dimensions, Digital Sciences

MDPI and OA papers published

MDPI published articles 2017 till August 30th, 2022



Our affordable APCs, rapid publication times combined with robust editorial practices and continuous support for OA have increased the number and the quality of papers published.

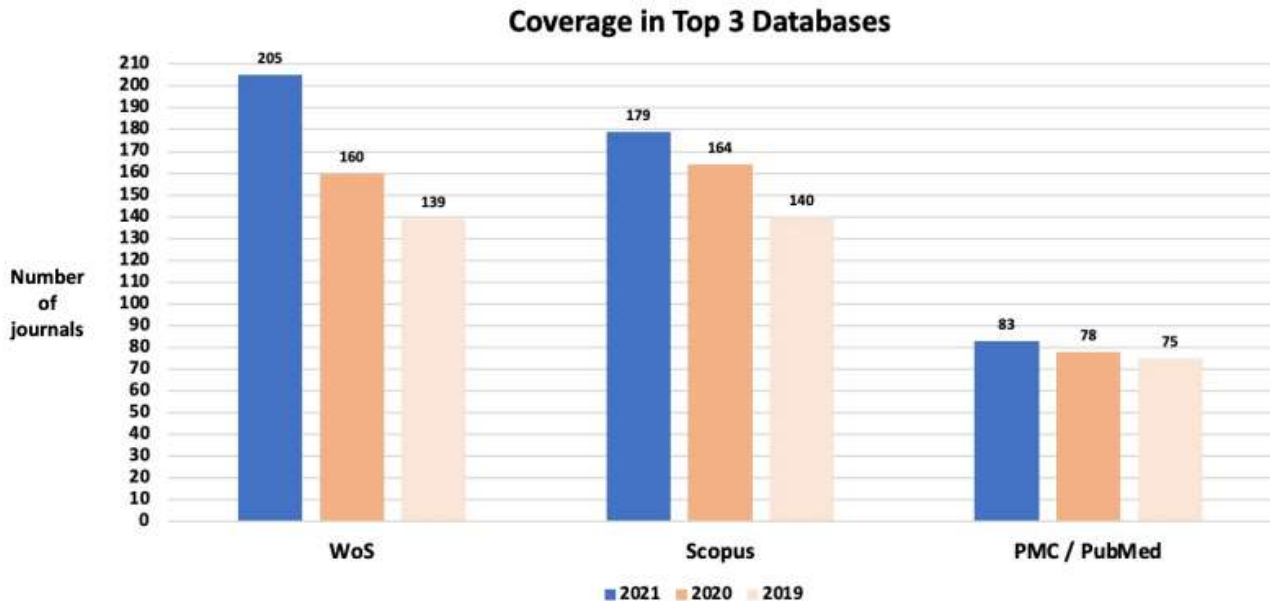
*as of August 30th, 2022. Based on data from Dimensions, Digital Sciences



Indexing in 2021

Throughout 2021 65 new journals have been added to the top 3 databases, bringing the total to:

- 205 in Web of Science
- 179 in Scopus
- 83 in PubMed/PMC



As of June 2023, 211 MDPI journals (75% of our journals, min 3 years old) will have an Impact Factor.

MDPI's journals – quality and impact

	Total OA published 2017 - 2022	Dimension		Web of Science	
		Citations	Altmetrics	Citations	Category Normalized Citation Impact (CNCI)
All OA published	16,997,905	4.98	30.71%	10.64	1.24
MDPI	841,437	6.77	43.83%	9.08	1.9
Elsevier	1,691,302	9.55	37.13%	11.34	1.9
SN	1,166,275	11.79	56.50%	11.78	1.4
Wiley	534,988	10.69	60.25%	14.26	1.09
Frontiers	303,573	8.55	47.20%	8.75	0.92
T&F	311,152	6.9	48.68%	1.62	0.17

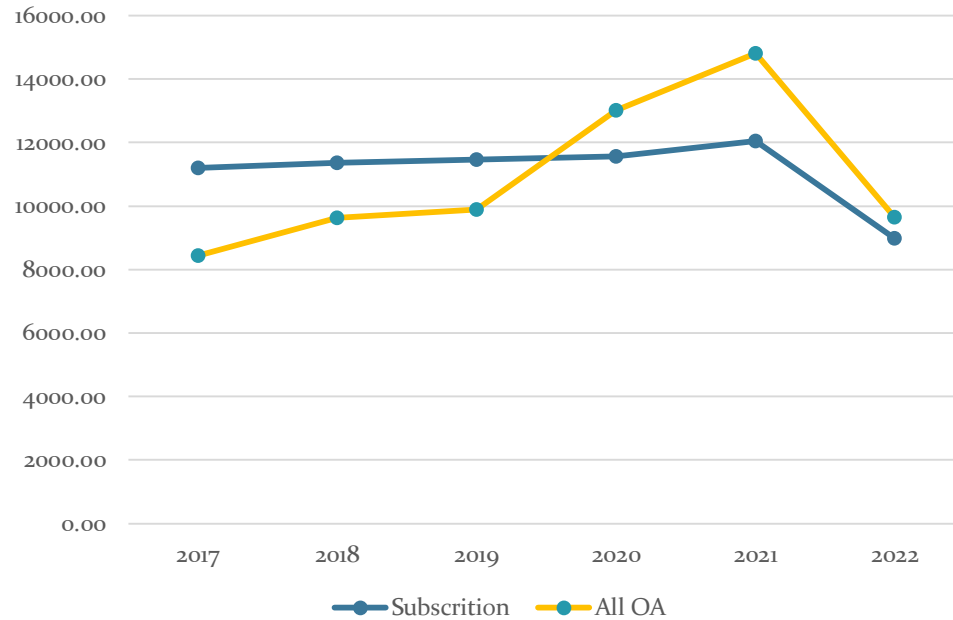
Based on Dimensions data, MDPI articles receive a higher number of citations (mean) than the average of all OA publications, but relatively lower than the traditional publishers. Almost 44% of all papers published by MDPI have been shared or cited via social media channels (Altmetrics), significantly more than the industry average.

Looking at Web of Science's metrics, OA papers published by MDPI are constantly cited and the average number of citation is not far from the overall average or the traditional publishers. Using the Category Normalized Citation Impact (CNCI), MDPI's performance is in line with Elsevier's and higher than Springer Nature's.

Greece and OA

Greece's ranking in the world in terms of OA articles published.

OA vs Subscription Publications in Greece



Source: <https://app.dimensions.ai>
 Exported: August 30, 2022
 Criteria: Publication Year is 2022 or 2021 or 2020 or 2019 or 2018 or 2017; Publisher is MDPI.

© 2022 Digital Science and Research Solutions Inc. All rights reserved. Non-commercial redistribution / external re-use of this work is permitted subject to appropriate acknowledgement. This work is sourced from Dimensions® at www.dimensions.ai

Publications Citations Citations (Mean)			
Indicator			
Mean Change			
Classification: Country/Territory			
Export table			
Name	↓ Publications	Citations	Citations mean
United States	2,368,634	32,273,712	13.63
China	1,481,452	15,318,786	10.34
United Kingdom	980,049	14,059,067	14.35
Germany	669,433	8,736,875	13.05
Japan	473,292	3,972,299	8.39
France	443,212	5,997,359	13.53
Italy	441,248	5,846,630	13.25
Brazil	416,887	2,265,344	5.43
Spain	395,507	4,527,208	11.45
Pakistan	69,971	638,969	9.13
Czechia	69,358	793,904	11.45
Ireland	66,598	898,062	13.48
Greece	65,425	834,726	12.76
Argentina	57,705	507,980	8.80
Colombia	56,530	350,078	6.19
Chile	55,544	601,413	10.83
Thailand	52,785	431,542	8.18
Romania	50,528	383,699	7.59

Top 9 by OA Output

Greece at 40 based on total OA output



Greece – Where do institutions publish?

Publications in subscription journals

National and Kapodistrian University of Athens Greece	29,198	341,650	11.70
Aristotle University of Thessaloniki Greece	21,574	213,514	9.90
National Technical University of Athens (NTUA) Greece	10,308	117,078	11.36
University of Patras Greece	10,302	93,931	9.12
University of Thessaly Greece	7,578	65,337	8.62
University of Crete (UOC) Greece	7,454	92,976	12.47
University of Ioannina Greece	7,445	87,368	11.74
Democritus University of Thrace (DUTH)	4,890	45,808	9.37

Publications in OA Journals

National and Kapodistrian University of Athens Greece	16,613	250,210	15.06
Aristotle University of Thessaloniki Greece	10,025	126,196	12.59
National Technical University of Athens (NTUA) Greece	4,841	66,221	13.68
University of Patras Greece	4,653	48,489	10.42
University of Crete (UOC) Greece	4,501	67,429	14.98
University of Ioannina Greece	4,167	61,693	14.81
University of Thessaly Greece	3,657	35,732	9.77

Greece – publishers of choice

Transformative agreements and subscriptions, continue to influence the publisher of choice (2017 – 2022)

Top publishers (OA and non-OA)

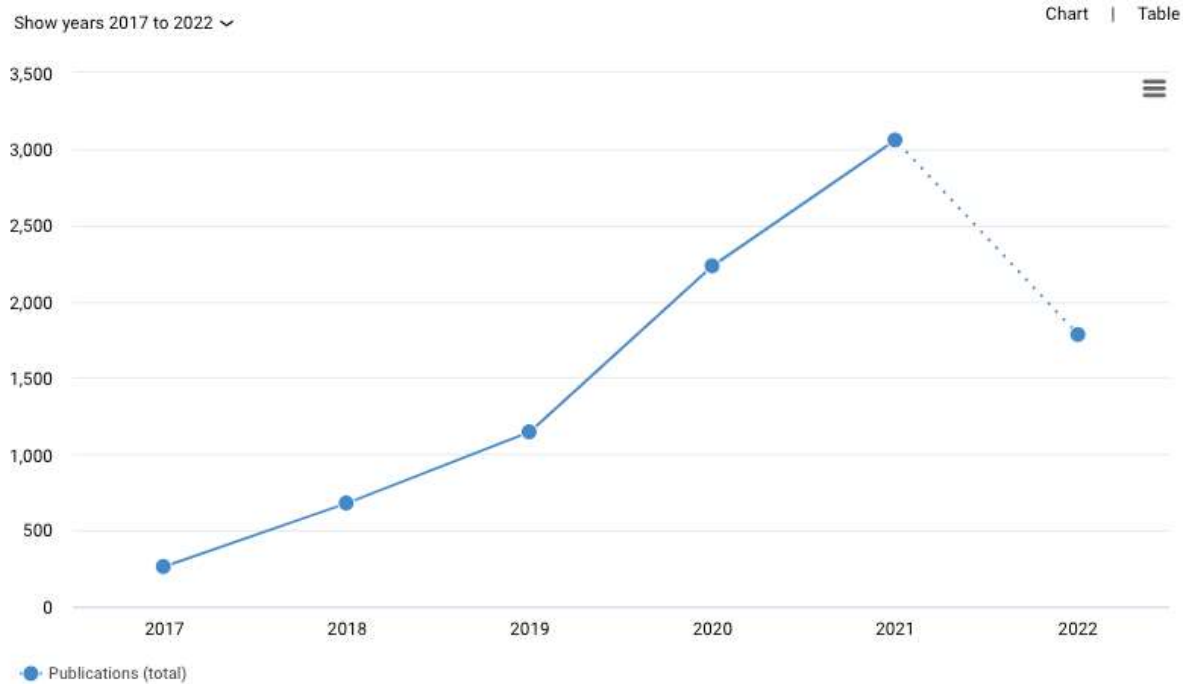
Name	↓ Publications	Citations	Citations mean
Elsevier	29,209	408,503	13.99
Springer Nature	24,082	219,812	9.13
Institute of Electrical and Electronics Engineers (IEEE)	9,217	63,565	6.90
MDPI	9,165	86,674	9.46
Wiley	8,061	107,258	13.31
Taylor & Francis	5,398	38,363	7.11
Oxford University Press (OUP)	3,700	41,414	11.19
Wolters Kluwer	2,516	22,015	8.75
SAGE Publications	2,143	13,400	6.25
Frontiers	1,991	21,285	10.69
Association for Computing Machinery (ACM)	1,834	8,814	4.81
IOP Publishing	1,243	10,752	8.65
American Chemical Society (ACS)	1,149	17,067	14.85
American Physical Society (APS)	1,125	17,756	15.78
BMJ	1,014	13,120	12.94
De Gruyter	596	3,713	3.73
Bentham Science Publishers	925	6,739	7.29

Top publishers (OA only)

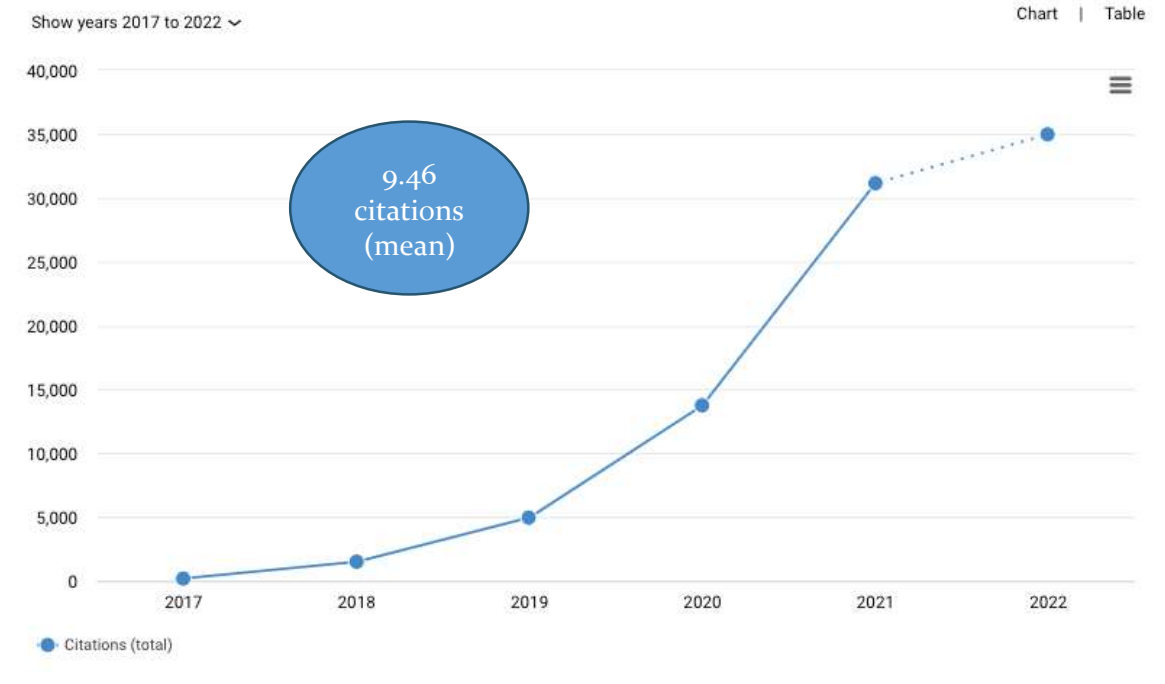
Name	↓ Publications	Citations	Citations mean
Elsevier	11,441	184,094	16.09
MDPI	9,165	86,674	9.46
Springer Nature	8,638	141,763	16.41
Wiley	3,205	70,455	21.98
Oxford University Press (OUP)	2,561	37,295	14.56
Institute of Electrical and Electronics Engineers (IEEE)	2,338	29,503	12.62
Frontiers	1,982	21,283	10.74
Taylor & Francis	1,501	16,066	10.70
Wolters Kluwer	1,162	13,414	11.54
American Physical Society (APS)	1,014	16,966	16.73
IOP Publishing	936	8,948	9.56
Cold Spring Harbor Laboratory	910	2,994	3.29
Copernicus Publications	903	9,567	10.59
EDP Sciences	881	7,912	8.98
SAGE Publications	814	7,044	8.65
Hindawi	794	8,072	10.17
BMJ	654	11,339	17.34
De Gruyter	603	2,330	3.86

Greece & MDPI

Articles published with MDPI



Total number of citations for MDPI published papers



Publication citations is the number of times that publications have been cited by other publications in the database. The visualization shows the number of citations received in each year.

Publishers Compared

Greek OA papers quality and impact

	Dimensions			Web of Science		
	Total OA Published 2017 - 2022	Citations per paper (mean)	Altmetrics (% of papers shared online at least once)	Total OA Published 2017 - 2022	Citations per paper (mean)	Category Normalised Citation Impact (CNCI)
All OA Published in Greece	65,425	12.76	52.26%	80,946	10.81	1.32
MDPI	9,165	9.46	55%	9,917	6.1	1.01
Elsevier	11,441	16.09	45.47%	17,961	11.71	1.43
Springer Nature	8,638	16.41	61.96%	12,452	7.48	0.97
Wiley	3,205	21.98	69.73%	5,809	11.56	1.23
OUP	2,561	14.56	53.42%	1,934	10.03	1.644
IEEE	2,338	12.62	19.97%	2,117	11.97	1.39
Frontiers	1,982	10.74	92.63%	1,088	6.172	0.87

Based on Dimensions data, MDPI articles receive a slightly lower number of citations (mean) than the average of all OA publications. We get a higher impact on the social media channels (Altmetrics). 55% of the articles are mentioned in the social media.

Looking at Web of Science's metrics, OA papers published by MDPI are slightly below the average of all the OA publications. Using the Category Normalized Citation Impact (CNCI), MDPI's performance is in line with Springer Nature.

Thank you

Ευχαριστώ