Topics Trends Report - Environmental Pollution; Medical Waste; COVID-19

Environmental Pollution; Medical Waste; COVID-19 T.1114223   Mixed year ranges

Overall research performance

Entity: Environmental Pollution; Medical Waste; COVID-19 T.1114223 · Year range: 2016 to 2022 ·
Data source: Scopus, up to 08 Dec 2021 ·

2,654

Scholarly Output Ⓢ
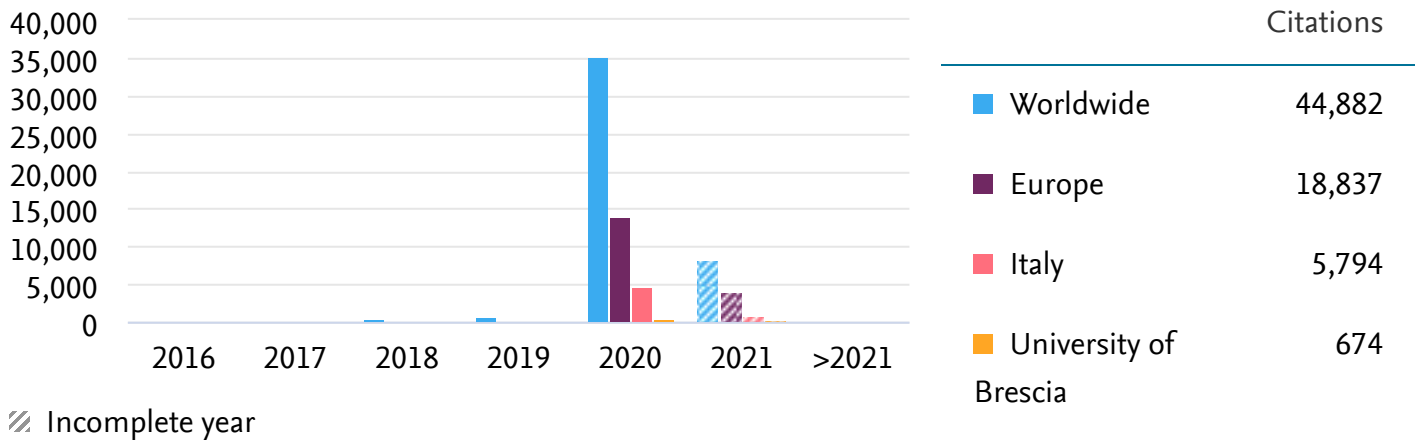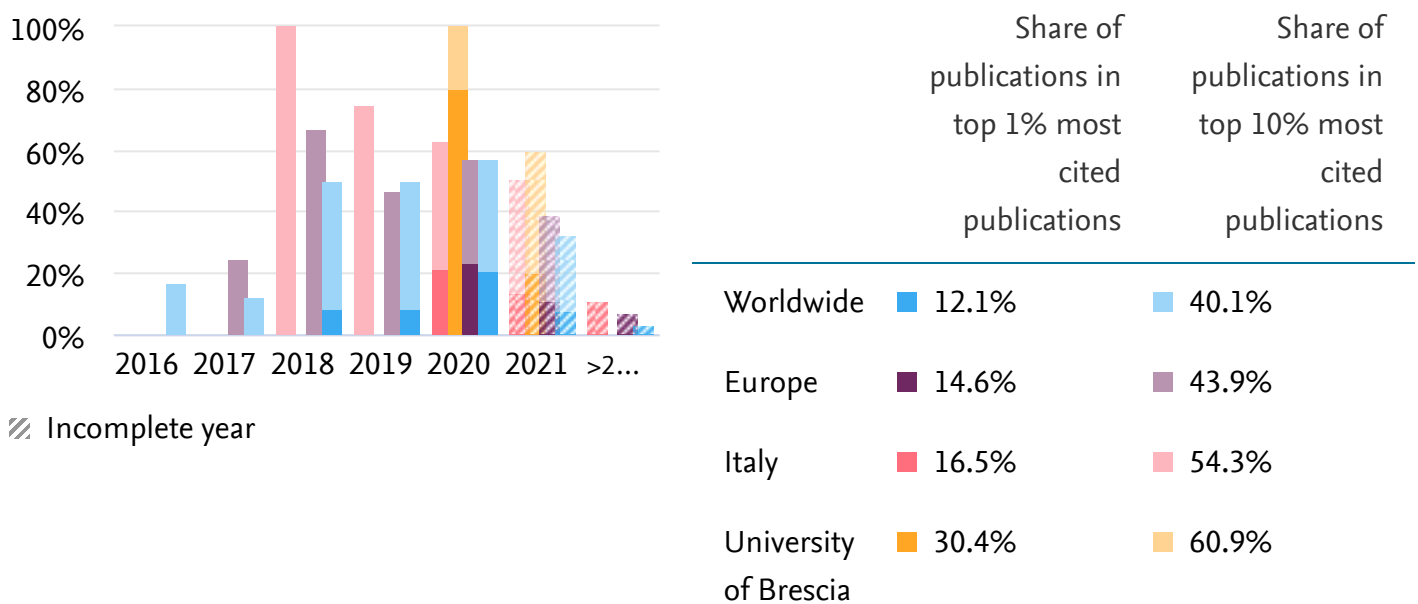
6 ⸱⸱⸱ 57

106,063

Views Count

4.93

Field-Weighted Citation Impact Ⓢ

0.68 ⸱⸱⸱ 3.13

44,882

Citation Count Ⓢ

946

International Collaboration Ⓢ

2 ⸱⸱⸱ 15
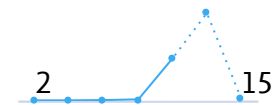
99.927 ▲

Topic Prominence percentile

Keyphrase analysis

Protective Equipment
Pollution
Infectious Disease Transmission
Megacities
Waste Management
Ultrafine Particulate Matter
Medical Waste
Severe Acute Respiratory Syndrome
Particulate Matter 10
Disease Outbreaks
Particulate Matter 2.5
Bangladesh
Sulfur Dioxide
Weather
Meteorology
Cities
Air Quality
Climate
Epidemic
Transmission
Orthocoronavirinae
Ozone
Italy
Air Pollutant
China
Disease Spread
Lockdown
Health Impact
Air Pollution
Pandemic
Crisis
Virus Pneumonia
Spatiotemporal Analysis
Spread Humidity
COVID-19
Spatial Autocorrelation
Ambient Air Quality
India
Meteorological Phenomena
Betacoronavirus
Climate Change
Nitrogen Dioxide
Severe Acute Respiratory Syndrome Coronavirus 2
Sustainable Development Goal
Mortality
Middle East Respiratory Syndrome
Communicable Disease Control
Nitrogen Oxide
Population Density

A A A relevance of keyphrase | declining A A A growing (2016-2022)

Scholarly Output

Publications	
Worldwide	2,654
Europe	983
Italy	243
University of Brescia	23

Incomplete year

Citation Count

	Citations
Worldwide	44,882
Europe	18,837
Italy	5,794
University of Brescia	674

Incomplete year

Outputs in Top 10% Citation Percentiles (field-weighted)

Share of publications in Environmental Pollution; Medical Waste; COVID-19 that are among the most cited publications worldwide
field-weighted

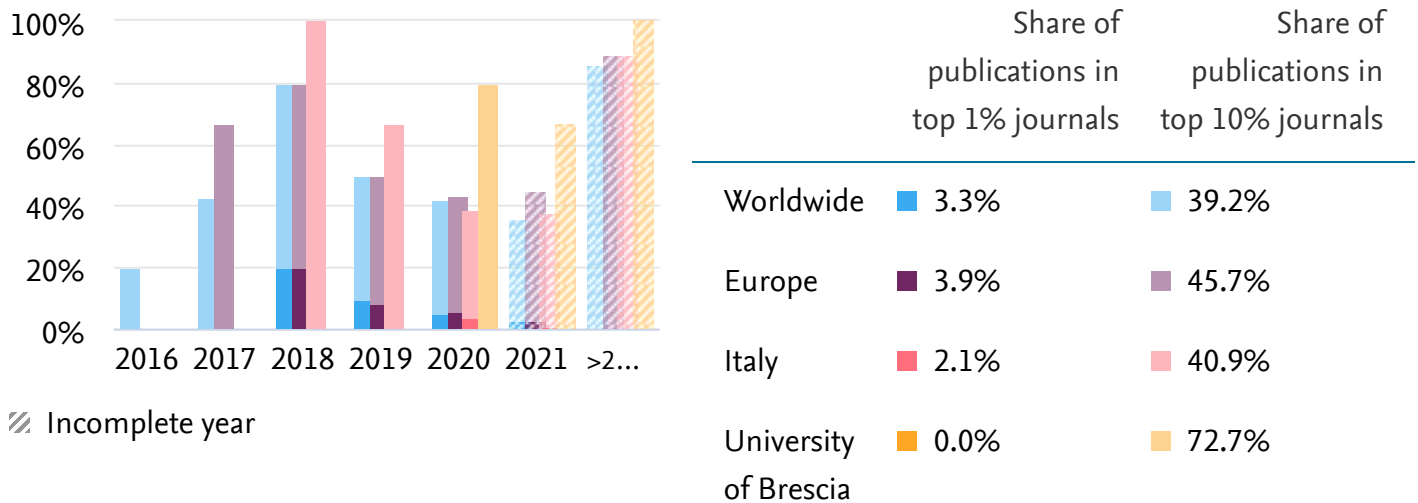
	Share of publications in top 1% most cited publications	Share of publications in top 10% most cited publications
Worldwide	12.1%	40.1%
Europe	14.6%	43.9%
Italy	16.5%	54.3%
University of Brescia	30.4%	60.9%

Incomplete year

Publications in Top Journal Percentiles by CiteScore Percentile

Share of publications in Environmental Pollution; Medical Waste; COVID-19 that are in the top journals by CiteScore Percentile

▨ Incomplete year

	Share of publications in top 1% journals	Share of publications in top 10% journals
Worldwide	3.3%	39.2%
Europe	3.9%	45.7%
Italy	2.1%	40.9%
University of Brescia	0.0%	72.7%

Top countries/regions

Entity: Environmental Pollution; Medical Waste; COVID-19 T.1114223 · Year range: 2016 to 2022 · Data source: Scopus, up to 08 Dec 2021 ·

Countries & territories	Scholarly Output ↓	Views Count	Field-Weighted Citation Impact (excl. self-citations)	Citation Count (excl. self-citations)
🇺🇸 United States	466	17,627	6.60	10,411
🇨🇳 China	452	20,563	5.98	10,790
🇮🇳 India	446	15,955	4.39	6,267
🇮🇹 Italy	243	11,129	6.67	5,794
🇬🇧 United Kingdom	227	13,694	7.59	5,130
🇪🇸 Spain	155	8,906	6.43	2,970
🇩🇪 Germany	125	5,851	6.60	3,030
🇧🇷 Brazil	109	4,994	4.73	1,964
🇦🇺 Australia	103	6,289	6.75	2,082
🇨🇦 Canada	90	5,315	7.39	2,265

Metric 1: Scholarly Output 🔄
Types of publications included: all.

Metric 2: Views Count

Metric 3: Field-Weighted Citation Impact 🔄
Types of publications included: all.

Metric 4: Citation Count 🔄
Types of publications included: all. Self-citations included: yes.

Top Institutions

Institution	Scholarly Output ↓	Views Count	Field-Weighted Citation Impact	Citation Count
Chinese Academy of Sciences	55	1,878	4.52	960
National Research Council of Italy	50	2,310	9.09	1,410
CNRS	45	1,919	10.95	1,616
Harvard University	42	1,154	5.00	854
Ministry of Education, China	32	794	3.85	500
University of Chinese Academy of Sciences	27	897	4.25	377
Tsinghua University	25	1,759	6.85	544
Fudan University	24	1,984	24.74	2,711
Hong Kong Polytechnic University	23	882	12.64	742
King Saud University	23	506	3.32	168
Nanjing University of Information Science & Technology	23	848	6.74	664
University of Brescia	23	1,167	8.70	674
University of Milan	23	1,574	8.50	897
CSIC	21	2,218	8.76	979
Peking University	21	586	4.82	409
University of Oxford	21	875	14.03	574
Indian Institute of Technology Kharagpur	20	2,126	7.16	426

Top Institutions

Institution	Scholarly Output ↓	Views Count	Field-Weighted Citation Impact	Citation Count
🇮🇹 University of Rome La Sapienza	20	694	2.22	132
🇨🇦 University of Toronto	20	919	9.27	563
🇮🇳 CSIR - National Environmental Engineering Research Institute	19	790	6.61	216

Metric 1: Scholarly Output
Types of publications included: all.

Metric 2: Views Count

Metric 3: Field-Weighted Citation Impact
Types of publications included: all.

Metric 4: Citation Count
Types of publications included: all. Self-citations included: yes.

Top Scopus Sources

Entity: Environmental Pollution; Medical Waste; COVID-19 T.1114223 · Year range: 2016 to 2022 ·
Data source: Scopus, up to 08 Dec 2021 ·

Scopus Sources	Scholarly Output ↓	Views Count	Field-Weighted Citation Impact (excl. self-citations)	Citation Count (excl. self-citations)
Science of the Total Environment	221	28,392	11.45	15,884
Environmental Research	136	7,061	7.94	2,625
Environmental Science and Pollution Research	104	1,560	2.10	530
International Journal of Environmental Research and Public Health	98	3,483	3.67	1,467
Sustainability	60	1,751	2.02	351
Aerosol and Air Quality Research	55	1,325	2.64	924
Atmosphere	45	806	3.44	328
Environmental Pollution	44	2,724	11.29	1,750
Environment, Development and Sustainability	43	2,024	10.98	565
Air Quality, Atmosphere and Health	42	1,149	5.46	840

Metric 1: Scholarly Output
Types of publications included: all.

Metric 2: Views Count

Metric 3: Field-Weighted Citation Impact
Types of publications included: all.

Metric 4: Citation Count
Types of publications included: all. Self-citations included: yes.

Top Authors

Author	Affiliation	Scholarly Output ↓	Views Count	Field-Weighted Citation Impact	Citation Count
Gautam, Sneha	🇮🇳 Karunya University	16	759	13.32	510
Klemeš, Jiří Jaromír	🇨🇿 Brno University of Technology	12	1,993	18.55	606
Coccia, Mario	🇮🇹 National Research Council of Italy	11	481	20.27	568
Fan, Yee Van	🇨🇿 Brno University of Technology	11	1,979	20.24	606
Jiang, Peng	🇨🇳 Sichuan University	11	1,979	20.24	606
Fareed, Zeeshan	🇨🇳 Huzhou University	10	189	6.61	290
Bherwani, Hemant	🇮🇳 CSIR - National Environmental Engineering Research Institute	9	627	12.38	200
Bontempi, Elza	🇮🇹 University of Brescia	9	561	13.25	309
Hopke, Philip K.	🇺🇸 Clarkson University	9	254	6.48	154
Kumar, Rakesh Praveen	🇮🇳 CSIR - National Environmental Engineering Research Institute	9	398	11.86	179
Meo, Sultan Ayoub	🇸🇦 King Saud University	9	200	4.57	99
Sarkodie, Samuel Asumadu	🇳🇴 Nord University	9	624	14.85	243

Top Authors

Author	Affiliation	Scholarly Output ↓	Views Count	Field-Weighted Citation Impact	Citation Count
Shahzad, Umer	Anhui University of Finance and Economics	9	204	6.89	347
Abukhalaf, Abdulelah Adnan	King Saud University	8	169	4.15	89
Brimblecombe, Peter	National Sun Yat-sen University	8	235	2.69	44
Das, Arijit	University of Gour Banga	8	189	5.51	79
Gupta, Ankit	CSIR - National Environmental Engineering Research Institute	8	594	12.56	188
Yang, Chaowei	George Mason University	8	268	8.63	143
Zhao, Shi	Chinese University of Hong Kong	8	114	10.07	87
Arbilla, Graciela	Universidade Federal do Rio de Janeiro	7	511	8.30	397

Metric 1: Scholarly Output
Types of publications included: all.

Metric 2: Views Count

Metric 3: Field-Weighted Citation Impact
Types of publications included: all.

Metric 4: Citation Count
Types of publications included: all. Self-citations included: yes.