

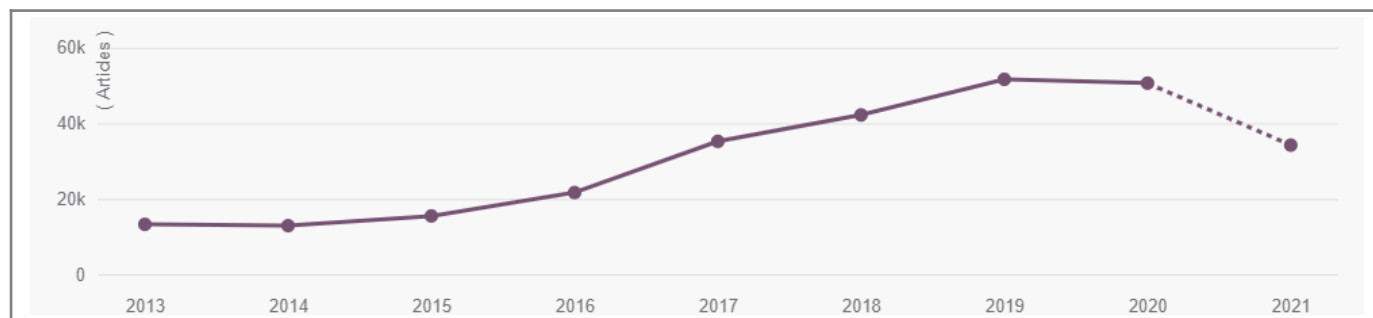
# E0230 - Environmental issues

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Report generated from year 2013 to 2021

<p><b>Articles published</b></p> <p>277292 articles published with this Subject classification between 2013 - 2021</p>
<p><b>Articles published % change</b></p> <p>Between 2013 - 2020 article output increased <b>282.64%</b></p>
<p><b>Times cited</b></p> <p>Articles published with this Subject classification between 2013 - 2021 have been cited <b>797015</b> times, with an average of <b>2.87</b> citations per article</p>

## Subject classification over time



#	Year	Articles	% Change	Times cited	Avg times cited
1	2013	13238	n/a	87333	6.60
2	2014	12892	-2.61%	82760	6.42
3	2015	15470	20.00%	108616	7.02
4	2016	21674	40.10%	151193	6.98
5	2017	35236	62.57%	166615	4.73
6	2018	42228	19.84%	112390	2.66
7	2019	51662	22.34%	66858	1.29
8	2020	50654	-1.95%	19450	0.38
9	2021	34238	n/a	1800	0.05

### Co-occurring concepts

#	Controlled terms	Articles
1	wastewater treatment	45371
2	sustainable development	38565
3	recycling	35185
4	organic compounds	30702
5	microorganisms	29765
6	adsorption	24908
7	biofuel	22978
8	pH	22658
9	industrial waste	21506
10	air pollution control	21252
11	environmental factors	20165
12	biotechnology	19874
13	air pollution	18492
14	scanning electron microscopy	16777
15	renewable materials	16514
16	carbon compounds	15752
17	waste recovery	14857
18	crops	14793
19	soil	14740
20	ecology	14124

Total terms : 5770

#	Subject classifications	Articles
1	<a href="#">E0200 - General support functions</a>	277292
2	<a href="#">E0000 - General topics in manufacturing and production engineering</a>	277292
3	<a href="#">E1000 - Manufacturing and production</a>	219185
4	<a href="#">E1500 - Production technology</a>	160165
5	<a href="#">E3000 - Industrial sectors</a>	154604
6	<a href="#">E1700 - Manufacturing resources and products</a>	150504
7	<a href="#">E1525 - Industrial processes</a>	143269
8	<a href="#">E1710 - Engineering materials</a>	132733
9	<a href="#">A8000 - Cross-disciplinary physics and related areas of science and technology</a>	98760
10	<a href="#">E3600 - Manufacturing industries</a>	95166
11	<a href="#">A8600 - Energy research and environmental science</a>	87441
12	<a href="#">E2000 - Engineering mechanics</a>	64915
13	<a href="#">A8670 - Environmental science</a>	57193
14	<a href="#">E2100 - General mechanics</a>	56633
15	<a href="#">A8675 - Environmental science technology</a>	51500
16	<a href="#">E1780 - Products and commodities</a>	44629
17	<a href="#">A8200 - Physical chemistry</a>	40077
18	<a href="#">A8670E - Water (environmental science)</a>	39596
19	<a href="#">E1800 - Materials handling and distribution</a>	38448
20	<a href="#">E3628 - Biotechnology industry</a>	35015

Total codes : 2023

## Top organisations

#	Organisations	Articles
1	<a href="#">Tsinghua University</a> Beijing, China academic	2818
2	<a href="#">Chinese Academy of Sciences</a> Beijing, China academic	2014
3	<a href="#">Harbin Institute of Technology</a> Harbin, China academic	1916
4	<a href="#">Zhejiang University</a> Hangzhou, China academic	1822
5	<a href="#">Tongji University</a> Shanghai, China academic	1816
6	<a href="#">Universiti Teknologi Malaysia</a> Skudai, Malaysia academic	1734
7	<a href="#">Tianjin University</a> Tianjin, China academic	1669
8	<a href="#">Central South University</a> Changsha, China academic	1651
9	<a href="#">Shandong University</a> Jinan, China academic	1495
10	<a href="#">Council of Scientific and Industrial Research</a> New Delhi, India academic	1483

#	Organisations	Articles
11	<a href="#">Indian Institute of Technology Delhi</a> New Delhi, India academic	1458
12	<a href="#">China University of Mining and Technology</a> Xuzhou, China academic	1424
13	<a href="#">Shanghai Jiao Tong University</a> Shanghai, China academic	1391
14	<a href="#">Islamic Azad University</a> Tehran, Iran academic	1356
15	<a href="#">Chongqing University</a> Chongqing, China academic	1300
16	<a href="#">Southeast University</a> Nanjing, China academic	1250
17	<a href="#">University of Science and Technology Beijing</a> Beijing, China academic	1228
18	<a href="#">South China University of Technology</a> Guangzhou, China academic	1221
19	<a href="#">Universiti Sains Malaysia</a> Minden, Malaysia academic	1212
20	<a href="#">University of Tehran</a> Tehran, Iran academic	1195

Total organisations : 12965

## Journals

#	Journal	Articles
1	IOP Conference Series: Earth and Environmental Science	13054
2	Journal of Cleaner Production	12855
3	IOP Conference Series: Materials Science and Engineering	8359
4	Sustainability	7095
5	Chemical Engineering Journal	6641
6	E3S Web of Conferences	5305
7	Bioresource Technology	4838
8	Journal of Hazardous Materials	4316
9	Advanced Materials Research	3790
10	Applied Mechanics and Materials	3563
11	Construction and Building Materials	3350
12	Water	3141
13	Journal of Physics: Conference Series	3077
14	AIP Conference Proceedings	3007
15	Fuel	2876
16	Environmental Technology	2417
17	Energies	2349
18	MATEC Web of Conferences	2334
19	Energy	2243
20	Journal of Environmental Chemical Engineering	2146

Total journals : 3606

## Conferences

#	Conference	Articles
1	World Environmental and Water Resources Congress 2015. Floods, Droughts and Ecosystems. Proceedings	89
2	World Environmental and Water Resources Congress 2013. Showcasing the Future. Proceedings of the 2013 Congress	81
3	World Environmental and Water Resources Congress 2014: Water Without Borders. 2014 World Environmental and Water Resources Congress. Proceedings	61
4	BIM Application and Offsite Construction. Proceedings of the 2016 International Conference on Construction and Real-Estate Management (ICCREM)	45
5	ICSI 2014 - Creating Infrastructure for a Sustainable World. Proceedings of the 2014 International Conference on Sustainable Infrastructure	43
6	Geo-Chicago 2016: Sustainable Geoenvironmental Systems. Selected Papers from Sessions of Geo-Chicago 2016. Proceedings	41
7	Advances in IC Engines and Combustion Technology. Select Proceedings of NCICEC 2019. Lecture Notes in Mechanical Engineering (LNME)	40
8	Construction Research Congress 2016. Old and New Construction Technologies Converge in Historic San Juan	40
9	Proceedings of AICCE'19. Transforming the Nation for a Sustainable Tomorrow. Lecture Notes in Civil Engineering (LNCE 53)	40
10	Proceedings of the 1st International Conference on Sustainable Waste Management through Design. IC_SWMD 2018. Lecture Notes in Civil Engineering (LNCE 21)	39
11	Advances in Sustainable Construction Materials. Select Proceedings of ASCM 2020. Lecture Notes in Civil Engineering (LNCE 124)	38
12	Problematic Soils and Geoenvironmental Concerns. Proceedings of IGC 2018. Lecture Notes in Civil Engineering (LNCE 88)	38
13	Electronics Goes Green 2016+ (EGG)	37
14	Proceedings of the 2012 International Conference on Sustainable Design and Construction. ICSDEC 2012	37
15	Construction in a Global Network. 2014 Construction Research Congress. Proceedings	36
16	IFCEE 2015. International Foundations Congress and Equipment Expo 2015. Proceedings	35
17	Sustainable Environmental Geotechnics. Proceedings of EGRWSE 2019. Lecture Notes in Civil Engineering (LNCE 89)	35
18	World Environmental and Water Resources Congress 2018	35
19	2018 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)	34
20	Geo-Chicago 2016. Sustainability and Resiliency in Geotechnical Engineering. Proceedings	34

Total conferences : 5279

## Related controlled terms

#	Controlled terms	Articles
1	<a href="#">wastewater treatment</a>	45371
2	<a href="#">sustainable development</a>	38565
3	<a href="#">industrial waste</a>	21506
4	<a href="#">air pollution control</a>	21252
5	<a href="#">environmental factors</a>	20165
6	<a href="#">air pollution</a>	18492
7	<a href="#">renewable materials</a>	16514
8	<a href="#">waste recovery</a>	14857
9	<a href="#">ecology</a>	14124

#	Controlled terms	Articles
10	<a href="#">contamination</a>	13230
11	<a href="#">environmental economics</a>	12807
12	<a href="#">water treatment</a>	11600
13	<a href="#">sludge treatment</a>	10723
14	<a href="#">toxicology</a>	9363
15	<a href="#">effluents</a>	9136
16	<a href="#">leaching</a>	8242
17	<a href="#">fly ash</a>	8060
18	<a href="#">soil pollution</a>	7773
19	<a href="#">water quality</a>	7686
20	<a href="#">slag</a>	7361

Total terms : 87

## Related Subject classifications

#	Parent
1	<a href="#">E0200 - General support functions</a>

Total codes : 1

#	Siblings	Articles
1	<a href="#">E0220 - Economics</a>	0
2	<a href="#">E0250 - Education and training</a>	0
3	<a href="#">E0210 - Engineering mathematics and numerical techniques</a>	0
4	<a href="#">E0270 - Legal aspects</a>	0
5	<a href="#">E0290 - Other support functions</a>	0
6	<a href="#">E0240 - Safety and security</a>	0
7	<a href="#">E0260 - Social and political issues</a>	0

Total codes : 7

#	Children	Articles

Total codes : 0