

Subrata Hait

List of Publications by Year in descending order

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39
papers

1,781
citations

394421

19
h-index

414414

32
g-index

42
all docs

42
docs citations

42
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence, fate and removal of SARS-CoV-2 in wastewater: Current knowledge and future perspectives. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104870.	6.7	59
2	Plastics in the time of COVID-19 pandemic: Protector or polluter?. <i>Science of the Total Environment</i> , 2021, 759, 144274.	8.0	216
3	Material composition and associated toxicological impact assessment of mobile phones. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104603.	6.7	14
4	Influence of Initial pH on Bioleaching of Selected Metals from e-Waste Using <i>Aspergillus niger</i> . , 2021, , 225-231.		0
5	Process engineering for bioleaching of metals from waste electrical and electronic equipment. , 2021, , 185-202.		1
6	Hybrid bioleachingâ€™an emerging technique for extraction of critical metals from WEEE. , 2021, , 109-123.		1
7	Characterization of particle size-based deportment of metals in various waste printed circuit boards towards metal recovery. <i>Cleaner Materials</i> , 2021, 1, 100013.	5.1	6
8	Improved Sequential Approach for Hybrid Bioleaching of Metals from E-Waste. <i>Lecture Notes in Civil Engineering</i> , 2021, , 113-120.	0.4	2
9	Influences of ferrous iron concentration and mixing speed on metal recovery from waste printed circuit boards using bio-Fenton process. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106460.	6.7	7
10	Optimal Sequence Planning for Robotic Sorting of Recyclables From Source-Segregated Municipal Solid Waste. <i>Journal of Computing and Information Science in Engineering</i> , 2021, 21, .	2.7	2
11	Applicability of Vermifiltration for Wastewater Treatment and Recycling. , 2020, , 3-17.		0
12	Biometallurgical recovery of metals from waste printed circuit boards using pure and mixed strains of <i>Acidithiobacillus ferrooxidans</i> and <i>Acidiphilium acidophilum</i> . <i>Chemical Engineering Research and Design</i> , 2020, 143, 262-272.	5.6	47
13	Bioleaching of Selected Metals from E-Waste Using Pure and Mixed Cultures of <i>Aspergillus</i> Species. <i>Energy, Environment, and Sustainability</i> , 2020, , 271-280.	1.0	1
14	Extraction of Selected Metals from High-Grade Waste Printed Circuit Board Using Diethylene Triamine Penta-acetic Acid. , 2020, , 49-57.		0
15	Efficacy of Metal Extraction from Discarded Printed Circuit Board Using <i>Aspergillus tubingensis</i> . , 2020, , 167-175.		1
16	Antibacterial and natural room-light driven photocatalytic activities of CuO nanorods. <i>Materials Chemistry and Physics</i> , 2019, 226, 106-112.	4.0	32
17	Chelating extraction of metals from e-waste using diethylene triamine pentaacetic acid. <i>Chemical Engineering Research and Design</i> , 2019, 121, 1-11.	5.6	27
18	Comprehensive characterization of printed circuit boards of various end-of-life electrical and electronic equipment for beneficiation investigation. <i>Waste Management</i> , 2018, 75, 103-123.	7.4	57

#	ARTICLE	IF	CITATIONS
19	Greenhouse Gas Emission During Composting and Vermicomposting of Organic Wastes – A Review. Clean - Soil, Air, Water, 2018, 46, 1700042.	1.1	20
20	Toxicity characterization of metals from various waste printed circuit boards. Chemical Engineering Research and Design, 2018, 116, 74-81.	5.6	32
21	Extraction of metals from high grade waste printed circuit board by conventional and hybrid bioleaching using Acidithiobacillus ferrooxidans. Hydrometallurgy, 2018, 177, 132-139.	4.3	96
22	Feasibility of Bioleaching of Selected Metals from Electronic Waste by Acidiphilium acidophilum. Waste and Biomass Valorization, 2018, 9, 871-877.	3.4	26
23	Classification of metallic and non-metallic fractions of e-waste using thermal imaging-based technique. Chemical Engineering Research and Design, 2018, 118, 32-39.	5.6	39
24	A Comprehensive Review of the Fate of Pathogens during Vermicomposting of Organic Wastes. Journal of Environmental Quality, 2018, 47, 16-29.	2.0	30
25	Comparative assessment of metallurgical recovery of metals from electronic waste with special emphasis on bioleaching. Environmental Science and Pollution Research, 2017, 24, 6989-7008.	5.3	138
26	Fate and bioavailability of heavy metals during vermicomposting of various organic wastes – A review. Chemical Engineering Research and Design, 2017, 109, 30-45.	5.6	92
27	Multi-material classification of dry recyclables from municipal solid waste based on thermal imaging. Waste Management, 2017, 70, 13-21.	7.4	42
28	Qualitative and quantitative metals liberation assessment for characterization of various waste printed circuit boards for recycling. Environmental Science and Pollution Research, 2017, 24, 27445-27456.	5.3	16
29	A review on automated sorting of source-separated municipal solid waste for recycling. Waste Management, 2017, 60, 56-74.	7.4	337
30	Analysis of partially sulfonated low density polyethylene (LDPE) membranes as separators in microbial fuel cells. RSC Advances, 2017, 7, 21890-21900.	3.6	7
31	Automated Municipal Solid Waste Sorting for Recycling Using a Mobile Manipulator. , 2016, , .		16
32	Remediation of nitrate-contaminated water by solid-phase denitrification process – a review. Environmental Science and Pollution Research, 2015, 22, 8075-8093.	5.3	112
33	Performance evaluation of a shaft-type hybrid bioreactor for the removal of carbonaceous organic matter. International Journal of Environmental Engineering, 2012, 4, 337.	0.1	0
34	Transformation and availability of nutrients and heavy metals during integrated composting – vermicomposting of sewage sludges. Ecotoxicology and Environmental Safety, 2012, 79, 214-224.	6.0	101
35	Wastewater treatment by high-growth bioreactor integrated with settling-cum-membrane separation. Desalination, 2011, 270, 233-240.	8.2	6
36	Vermistabilization of primary sewage sludge. Bioresource Technology, 2011, 102, 2812-2820.	9.6	125

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37	Optimizing vermistabilization of waste activated sludge using vermicompost as bulking material. Waste Management, 2011, 31, 502-511.	7.4	61
38	Performance evaluation of an aerobic biofilter with high organics containing synthetic wastewater. International Journal of Environment and Pollution, 2009, 37, 141.	0.2	1
39	Scope of improvement of treatment capacity of activated sludge process by hybrid modification. Journal of Environmental Engineering and Science, 2008, 7, 147-158.	0.8	8