

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72

papers

1,101

citations

21

h-index

31

g-index

73

ext. papers

1,453

ext. citations

4.7

avg, IF

4.93

L-index

#	Paper	IF	Citations
72	Influencing factors for nutrient removal from piggery digestate by coupling microalgae and electric field.. <i>Environmental Technology (United Kingdom)</i> , 2022 , 1-27	2.6	
71	Migration and transformation of heavy metals in Chinese medicine residues during the process of traditional pyrolysis and solar pyrolysis.. <i>Chemosphere</i> , 2022 , 293, 133658	8.4	3
70	An overview of the methods for analyzing the chemical forms of metals in plants.. <i>International Journal of Phytoremediation</i> , 2022 , 1-13	3.9	1
69	Enhanced removal of humic acid from piggery digestate by combined microalgae and electric field.. <i>Bioresource Technology</i> , 2022 , 347, 126668	11	1
68	Application of microbial immobilization technology for remediation of Cr(VI) contamination: A review. <i>Chemosphere</i> , 2022 , 286, 131721	8.4	7
67	Remediation of Chromium (VI) from Groundwater by Metal-Based Biochar under Anaerobic Conditions. <i>Water (Switzerland)</i> , 2022 , 14, 894	3	0
66	A critical review on the phytoremediation of heavy metals from environment: Performance and challenges. <i>Chemosphere</i> , 2021 , 291, 132979	8.4	14
65	A new insight into the restriction of Cr(VI) removal performance of activated carbon under neutral pH condition. <i>Water Science and Technology</i> , 2021 , 84, 2304-2317	2.2	0
64	Active biochar-supported iron oxides for Cr(VI) removal from groundwater: Kinetics, stability and the key role of FeO in electron-transfer mechanism. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127542	12.8	5
63	Synthesis of Rice Husk-Derived Magnetic Biochar Through Liquefaction to Adsorb Anionic and Cationic Dyes from Aqueous Solutions. <i>Arabian Journal for Science and Engineering</i> , 2021 , 46, 233-246	2.5	6
62	Citric acid modified waste cigarette filters for adsorptive removal of methylene blue dye from aqueous solution. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50655	2.9	3
61	Surface decoration and characterization of solar driven biochar for the removal of toxic aromatic pollutant. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 2310	3.5	3
60	Appraisal of a novel extraction technique for estimation of cadmium content in pea seedlings based on human health risk assessment. <i>International Journal of Phytoremediation</i> , 2021 , 1-8	3.9	
59	Molecular insights on the influence of temperature and metal ions on the hydration of kaolinite (001) surface. <i>Molecular Simulation</i> , 2021 , 47, 1029-1036	2	2
58	Optimization of biosurfactant production from <i>Pseudomonas</i> sp. CQ2 and its application for remediation of heavy metal contaminated soil. <i>Chemosphere</i> , 2021 , 265, 129090	8.4	24
57	Sources, classifications, constituents, and available treatment technologies for various types of wastewater: An overview 2021 , 11-46		2
56	Bionanocomposites for wastewater treatment 2021 , 249-272		1

55	The sequestration of aqueous Cr(VI) by zero valent iron-based materials: From synthesis to practical application. <i>Journal of Cleaner Production</i> , 2021 , 312, 127678	10.3	7
54	3-Dimensional membrane capsules: Synthesis modulations for the remediation of environmental pollutants A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 1-62	11.1	4
53	A granular adsorbent-supported Fe/Ni nanoparticles activating persulfate system for simultaneous adsorption and degradation of ciprofloxacin. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 1077-1084	3.2	9
52	Efficient removal of acid orange 7 using a porous adsorbent-supported zero-valent iron as a synergistic catalyst in advanced oxidation process. <i>Chemosphere</i> , 2020 , 244, 125522	8.4	25
51	Simultaneous Desorption of Polycyclic Aromatic Hydrocarbons and Heavy Metals from Contaminated Soils by Rhamnolipid Biosurfactants. <i>Journal of Ocean University of China</i> , 2020 , 19, 874-882	1.1	3
50	Synthesis of carbon embedded silica and zeolite from rice husk to remove trace element from aqueous solutions: characterization, optimization and equilibrium studies. <i>Separation Science and Technology</i> , 2020 , 55, 2890-2903	2.5	2
49	Preparation of new adsorbent-supported Fe/Ni particles for the removal of crystal violet and methylene blue by a heterogeneous Fenton-like reaction.. <i>RSC Advances</i> , 2019 , 9, 22513-22522	3.7	5
48	Development and application of novel bio-magnetic membrane capsules for the removal of the cationic dye malachite green in wastewater treatment.. <i>RSC Advances</i> , 2019 , 9, 3625-3646	3.7	38
47	Development of an innovative capsule with three-dimension honeycomb architecture via one-step titration-gel method for the removal of methylene blue. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 911-922	7.9	7
46	Isolation, identification, and characterization of diesel-oil-degrading bacterial strains indigenous to Changqing oil field, China. <i>Journal of Basic Microbiology</i> , 2019 , 59, 723-734	2.7	2
45	Green synthesis of the innovative super paramagnetic nanoparticles from the leaves extract of <i>Fraxinus chinensis</i> Roxb and their application for the decolourisation of toxic dyes. <i>Green Processing and Synthesis</i> , 2019 , 8, 256-271	3.9	22
44	Appraisal of Cu(ii) adsorption by graphene oxide and its modelling artificial neural network.. <i>RSC Advances</i> , 2019 , 9, 30240-30248	3.7	10
43	Fabrication of a low-cost adsorbent supported zero-valent iron by using red mud for removing Pb(ii) and Cr(vi) from aqueous solutions.. <i>RSC Advances</i> , 2019 , 9, 33486-33496	3.7	22
42	Encapsulated green magnetic nanoparticles for the removal of toxic Pb and Cd from water: Development, characterization and application. <i>Journal of Environmental Management</i> , 2019 , 234, 273-289	7.9	35
41	Optimization of pH, temperature and carbon source for bioleaching of heavy metals by <i>Aspergillus flavus</i> isolated from contaminated soil. <i>Main Group Metal Chemistry</i> , 2019 , 42, 1-7	1.6	8
40	Overview of microbes based fabricated biogenic nanoparticles for water and wastewater treatment. <i>Journal of Environmental Management</i> , 2019 , 230, 128-150	7.9	64
39	Removal of lead and cadmium ions by single and binary systems using phytogenic magnetic nanoparticles functionalized by 3-mercaptopropanic acid. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 949-964	3.2	30
38	Sorption of cationic malachite green dye on phytogenic magnetic nanoparticles functionalized by 3-mercaptopropanic acid.. <i>RSC Advances</i> , 2018 , 8, 8878-8897	3.7	47

37	An overview of heavy metal removal from wastewater using magnetotactic bacteria. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2817-2832	3.5	26
36	Preparation of Fe@GAC and Fe@GAR and Their Application for Removal of Crystal Violet from Wastewater. <i>Water, Air, and Soil Pollution</i> , 2018 , 229, 1	2.6	4
35	Green Synthesis of Phytogenic Magnetic Nanoparticles and Their Applications in the Adsorptive Removal of Crystal Violet from Aqueous Solution. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 6245-6259	2.5	32
34	Removal of crystal violet and methylene blue from aqueous solutions using the fly ash-based adsorbent material-supported zero-valent iron. <i>Journal of Molecular Liquids</i> , 2018 , 250, 468-476	6	44
33	Treatment of PAH-contaminated soil using cement-activated persulfate. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 887-895	5.1	8
32	An innovative method for the solidification/stabilization of PAHs-contaminated soil using sulfonated oil. <i>Journal of Hazardous Materials</i> , 2018 , 344, 742-748	12.8	17
31	Morphological and cellular diversity of magnetotactic bacteria: A review. <i>Journal of Basic Microbiology</i> , 2018 , 58, 378-389	2.7	17
30	Novel approach to control adsorbent aggregation: iron fixed bentonite-fly ash for Lead (Pb) and Cadmium (Cd) removal from aqueous media. <i>Frontiers of Environmental Science and Engineering</i> , 2018 , 12, 1	5.8	17
29	Isolation and characterization of biosurfactant-producing and diesel oil degrading sp. CQ2 from Changqing oil field, China.. <i>RSC Advances</i> , 2018 , 8, 39710-39720	3.7	16
28	Removal of Pb(II) and Cr(VI) from aqueous solutions using the prepared porous adsorbent-supported Fe/Ni nanoparticles.. <i>RSC Advances</i> , 2018 , 8, 32063-32072	3.7	10
27	An evaluation of different soil washing solutions for remediating arsenic-contaminated soils. <i>Chemosphere</i> , 2017 , 173, 368-372	8.4	32
26	Synthesis of Fly Ash and Bentonite-Supported Zero-Valent Iron and Its Application for Removal of Toxic Cationic Dyes from Aqueous Solutions. <i>Environmental Engineering Science</i> , 2017 , 34, 740-751	2	1
25	Yield cultivation of magnetotactic bacteria and magnetosomes: A review. <i>Journal of Basic Microbiology</i> , 2017 , 57, 643-652	2.7	45
24	Phytogenic magnetic nanoparticles for wastewater treatment: a review. <i>RSC Advances</i> , 2017 , 7, 40158-40178	4.178	68
23	Preparation of microscale zero-valent iron-fly ash-bentonite composite and evaluation of its adsorption performance of crystal violet and methylene blue dyes. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 20050-20062	5.1	13
22	Cloning and characterization of F3PYC gene encoding pyruvate carboxylase in <i>Aspergillus flavus</i> strain (F3). <i>3 Biotech</i> , 2017 , 7, 245	2.8	
21	Identification and Elucidation of the Designing and Operational Issues of Trickling Filter Systems for Wastewater Treatment. <i>Polish Journal of Environmental Studies</i> , 2017 , 26, 2431-2444	2.3	12
20	Co-influence of the pore size of adsorbents and the structure of adsorbates on adsorption of dyes. <i>Desalination and Water Treatment</i> , 2016 , 57, 14686-14695		13

19	An improved method of sediment grain size trend analysis in the Xiaoqinghe Estuary, southwestern Laizhou Bay, China. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	8
18	Adsorption of As(V) inside the pores of porous hematite in water. <i>Journal of Hazardous Materials</i> , 2016 , 307, 312-7	12.8	57
17	Sequential extraction procedure for fractionation of Pb and Cr in artificial and contaminated soil. <i>Main Group Metal Chemistry</i> , 2016 , 39,	1.6	1
16	Fungal strain <i>Aspergillus flavus</i> F3 as a potential candidate for the removal of lead (II) and chromium (VI) from contaminated soil. <i>Main Group Metal Chemistry</i> , 2016 , 39,	1.6	2
15	Improvement of compressive strength of lime mortar with carboxymethyl cellulose. <i>Journal of Materials Science</i> , 2016 , 51, 9279-9286	4.3	8
14	Citric acid facilitated thermal treatment: An innovative method for the remediation of mercury contaminated soil. <i>Journal of Hazardous Materials</i> , 2015 , 300, 546-552	12.8	47
13	INFLUENCE OF STICKY RICE AND ANIONIC POLYACRYLAMIDE ON THE CRYSTALLIZATION OF CALCIUM CARBONATE IN CHINESE ORGANIC SANHETU. <i>Surface Review and Letters</i> , 2015 , 22, 1550073	1.1	4
12	STUDY ON DECOMPOSITION OF GOETHITE/SIDERITE IN THERMAL MODIFICATION THROUGH XRD, SEM AND TGA MEASUREMENTS. <i>Surface Review and Letters</i> , 2014 , 21, 1450019	1.1	11
11	Effect of electrode configuration on pH distribution and heavy metal ions migration during soil electrokinetic remediation. <i>Environmental Earth Sciences</i> , 2013 , 69, 257-265	2.9	21
10	Sustainability analysis of SEEA indicators for non-renewable resources. <i>Chinese Journal of Population Resources and Environment</i> , 2013 , 11, 97-108	2.1	1
9	Heavy metals recovery from electroplating sludge by the multi-steps of leaching, electrodepositing and precipitating 2011 ,		1
8	Removal of nitrate from groundwater using the technology of electrodialysis and electrodeionization. <i>Desalination and Water Treatment</i> , 2011 , 34, 394-401		36
7	Recovery of copper and water from copper-electroplating wastewater by the combination process of electrolysis and electrodialysis. <i>Journal of Hazardous Materials</i> , 2011 , 189, 814-20	12.8	69
6	Production of pure water suitable for laboratory experiments by electrodialysis technology 2011 ,		1
5	Effect of different electrode configurations on the migration of copper ions during the electrokinetic remediation process. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2009 , 4, 581-585	1.3	7
4	Viscosities of Binary and Ternary Mixtures of Water, Alcohol, Acetone, and Hexane. <i>Journal of Dispersion Science and Technology</i> , 2008 , 29, 1367-1372	1.5	38
3	SIMULATION OF MINIMUM ICE UNIT AND ITS EFFECT ON WATER PROPERTIES. <i>Surface Review and Letters</i> , 2008 , 15, 841-846	1.1	
2	Application of activated zeolite in the advanced treatment of potable water 2007 , 56, 257-262		2

- 1 Resource utilization of electroplating wastewater: obstacles and solutions. *Environmental Science: Water Research and Technology*, 4.2 0