

Rong-Liang Qiu

List of Publications by Year in descending order

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290
papers

14,293
citations

17776

65
h-index

33145

104
g-index

297
all docs

297
docs citations

297
times ranked

15290
citing authors

#	ARTICLE	IF	CITATIONS
1	The acid dissolution characteristics of cadmium fixed by a novel Ca-Fe-Si composite material. <i>Journal of Environmental Sciences</i> , 2023, 127, 328-335.	3.2	0
2	Responses of ramie (<i>Boehmeria nivea</i> L.) to increasing rare earth element (REE) concentrations in a hydroponic system. <i>Journal of Rare Earths</i> , 2022, 40, 840-846.	2.5	9
3	Indicator species drive the key ecological functions of microbiota in a river impacted by acid mine drainage generated by rare earth elements mining in South China. <i>Environmental Microbiology</i> , 2022, 24, 919-937.	1.8	18
4	Removal pathway quantification and co-metabolic mechanism evaluation of alkylphenols from synthetic wastewater by phenolic root exudates in the rhizosphere of <i>Phragmites australis</i> . <i>Journal of Hazardous Materials</i> , 2022, 424, 127269.	6.5	1
5	Novel phytase PvPHY1 from the As-hyperaccumulator <i>Pteris vittata</i> enhances P uptake and phytate hydrolysis, and inhibits As translocation in Plant. <i>Journal of Hazardous Materials</i> , 2022, 423, 127106.	6.5	8
6	Chromium biogeochemical behaviour in soil-plant systems and remediation strategies: A critical review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127233.	6.5	95
7	The limited exclusion and efficient translocation mediated by organic acids contribute to rare earth element hyperaccumulation in <i>Phytolacca americana</i> . <i>Science of the Total Environment</i> , 2022, 805, 150335.	3.9	17
8	Green synthesis of manganese-cobalt-tungsten composite oxides for degradation of doxycycline via efficient activation of peroxymonosulfate. <i>Journal of Hazardous Materials</i> , 2022, 426, 127803.	6.5	28
9	Biogeochemical cycles of nutrients, rare earth elements (REEs) and Al in soil-plant system in ion-adsorption REE mine tailings remediated with amendment and ramie (<i>Boehmeria nivea</i> L.). <i>Science of the Total Environment</i> , 2022, 809, 152075.	3.9	12
10	Enrichment and speciation of chromium during basalt weathering: Insights from variably weathered profiles in the Leizhou Peninsula, South China. <i>Science of the Total Environment</i> , 2022, 822, 153304.	3.9	20
11	The impact of termites on soil sheeting properties is better explained by environmental factors than by their feeding and building strategies. <i>Geoderma</i> , 2022, 412, 115706.	2.3	7
12	Interactions between soil protists and pollutants: An unsolved puzzle. <i>Journal of Hazardous Materials</i> , 2022, 429, 128297.	6.5	21
13	H ₃ PO ₄ activation mediated the iron phase transformation and enhanced the removal of bisphenol A on iron carbide-loaded activated biochar. <i>Environmental Pollution</i> , 2022, 300, 118965.	3.7	12
14	High Fe utilization efficiency and low toxicity of Fe ₃ C@Fe ₀ loaded biochar for removing of tetracycline hydrochloride in wastewater. <i>Journal of Cleaner Production</i> , 2022, 353, 131630.	4.6	18
15	Organic carbon and eukaryotic predation synergistically change resistance and resilience of aquatic microbial communities. <i>Science of the Total Environment</i> , 2022, 830, 154386.	3.9	7
16	Biogeochemical dynamics of nutrients and rare earth elements (REEs) during natural succession from biocrusts to pioneer plants in REE mine tailings in southern China. <i>Science of the Total Environment</i> , 2022, 828, 154361.	3.9	17
17	Natural source of Cr(VI) in soil: The anoxic oxidation of Cr(III) by Mn oxides. <i>Journal of Hazardous Materials</i> , 2022, 433, 128805.	6.5	33
18	Efficient purification of tetracycline wastewater by activated persulfate with heterogeneous Co-V bimetallic oxides. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 188-197.	5.0	18

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19	Adsorption of Cadmium by <i>Brassica juncea</i> (L.) Czern. and <i>Brassica pekinensis</i> (Lour.) Rupr in Pot Experiment. <i>Sustainability</i> , 2022, 14, 429.	1.6	7
20	Effects of in situ leaching on the origin and migration of rare earth elements in aqueous systems of South China: Insights based on REE patterns, and Ce and Eu anomalies. <i>Journal of Hazardous Materials</i> , 2022, 435, 128959.	6.5	12
21	Inoculation of Prickly Pear Litter with Microbial Agents Promotes the Efficiency in Aerobic Composting. <i>Sustainability</i> , 2022, 14, 4824.	1.6	4
22	Highly dispersed Ag and g-C ₃ N ₄ quantum dots co-decorated 3D hierarchical Fe ₃ O ₄ hollow microspheres for solar-light-driven pharmaceutical pollutants degradation in natural water matrix. <i>Journal of Hazardous Materials</i> , 2022, 434, 128905.	6.5	19
23	Visualizing and assessing the size-dependent oral uptake, tissue distribution, and detrimental effect of polystyrene microplastics in <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2022, 306, 119436.	3.7	11
24	Significance of Non-DLVO Interactions on the Co-Transport of Functionalized Multiwalled Carbon Nanotubes and Soil Nanoparticles in Porous Media. <i>Environmental Science & Technology</i> , 2022, 56, 10668-10680.	4.6	10
25	Aqueous aggregation and deposition kinetics of fresh and carboxyl-modified nanoplastics in the presence of divalent heavy metals. <i>Water Research</i> , 2022, 222, 118877.	5.3	15
26	Quantitative analysis on the redox conversion mechanism of Cr(VI) and As(III) by iron carbide based biochar composites. <i>Chemical Engineering Journal</i> , 2022, 446, 137417.	6.6	16
27	Chlortetracycline hydrochloride removal by different biochar/Fe composites: A comparative study. <i>Journal of Hazardous Materials</i> , 2021, 403, 123889.	6.5	28
28	Energy models and the process of fluid-magnetic separation for recovering cobalt micro-particles from vacuum reduction products of spent lithium ion batteries. <i>Journal of Cleaner Production</i> , 2021, 279, 123230.	4.6	16
29	Dynamic release and transformation of metallic copper colloids in flooded paddy soil: Role of soil reducible sulfate and temperature. <i>Journal of Hazardous Materials</i> , 2021, 402, 123462.	6.5	8
30	Microscopic mechanism about the selective adsorption of Cr(VI) from salt solution on O-rich and N-rich biochars. <i>Journal of Hazardous Materials</i> , 2021, 404, 124162.	6.5	63
31	Recovery nano-flake (100Ånm thickness) of zero-valent manganese from spent lithium-ion batteries. <i>Journal of Cleaner Production</i> , 2021, 278, 123867.	4.6	11
32	Biological aqua crust mitigates metal(loid) pollution and the underlying immobilization mechanisms. <i>Water Research</i> , 2021, 190, 116736.	5.3	17
33	Transformation behaviors and environmental risk assessment of heavy metals during resource recovery from <i>Sedum plumbizincicola</i> via hydrothermal liquefaction. <i>Journal of Hazardous Materials</i> , 2021, 410, 124588.	6.5	26
34	Enhanced adsorption of tetracycline by an iron and manganese oxides loaded biochar: Kinetics, mechanism and column adsorption. <i>Bioresource Technology</i> , 2021, 320, 124264.	4.8	147
35	A novel technology of recovering magnetic micro particles from spent lithium-ion batteries by ultrasonic dispersion and waterflow-magnetic separation. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105172.	5.3	22
36	Variation in rare earth element (REE), aluminium (Al) and silicon (Si) accumulation among populations of the hyperaccumulator <i>Dicranopteris linearis</i> in southern China. <i>Plant and Soil</i> , 2021, 461, 565-578.	1.8	18

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37	Rare earth elements, aluminium and silicon distribution in the fern <i>Dicranopteris linearis</i> revealed by $^{114}\text{PIXE}$ Maia analysis. <i>Annals of Botany</i> , 2021, 128, 17-30.	1.4	12
38	Quantification of nickel and cobalt mobility and accumulation via the phloem in the hyperaccumulator <i>Noccaea caerulescens</i> (Brassicaceae). <i>Metallomics</i> , 2021, 13, .	1.0	3
39	Effects of zinc oxide nanoparticles on antioxidants, chlorophyll contents, and proline in <i>Persicaria hydropiper</i> L. and its potential for Pb phytoremediation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 34697-34713.	2.7	31
40	Industrial Ramie Growing on Reclaimed Ion-Adsorption Rare Earth Elements Mine Tailings in Southern China: Defibrillation and Fibers Quality. <i>Waste and Biomass Valorization</i> , 2021, 12, 6255-6260.	1.8	5
41	Non-monotonic contribution of nonionic surfactant on the retention of functionalized multi-walled carbon nanotubes in porous media. <i>Journal of Hazardous Materials</i> , 2021, 407, 124874.	6.5	6
42	In situ N-doped carbon-coated mulberry-like cobalt manganese oxide boosting for visible light driving photocatalytic degradation of pharmaceutical pollutants. <i>Chemical Engineering Journal</i> , 2021, 411, 128497.	6.6	50
43	Phenomic and metabolomic responses of roots to cadmium reveal contrasting resistance strategies in two rice cultivars (<i>Oryza sativa</i> L.). <i>Soil Ecology Letters</i> , 2021, 3, 220-229.	2.4	16
44	Coupling experiments with calculations to understand the thermodynamics evolution for the sorption of zwitterionic ciprofloxacin on oxidizing-aged pyrogenic chars in the aquatic system. <i>Journal of Hazardous Materials</i> , 2021, 411, 125101.	6.5	4
45	Comparative analysis of sRNAs, degradome and transcriptomics in sweet sorghum reveals the regulatory roles of miRNAs in Cd accumulation and tolerance. <i>Planta</i> , 2021, 254, 16.	1.6	6
46	Transport and Retention of Free-Living Amoeba Spores in Porous Media: Effects of Operational Parameters and Extracellular Polymeric Substances. <i>Environmental Science & Technology</i> , 2021, 55, 8709-8720.	4.6	14
47	Mediation effects of different sulfur forms on solubility, uptake and accumulation of Cd in soil-paddy rice system induced by organic carbon and liming. <i>Environmental Pollution</i> , 2021, 279, 116862.	3.7	16
48	Substrate-dependent competition and cooperation relationships between <i>Geobacter</i> and <i>Dehalococcoides</i> for their organohalide respiration. <i>ISME Communications</i> , 2021, 1, .	1.7	27
49	Waste activated sludge stimulates in situ microbial reductive dehalogenation of organohalide-contaminated soil. <i>Journal of Hazardous Materials</i> , 2021, 411, 125189.	6.5	27
50	A new method for recovering rare earth elements from the hyperaccumulating fern <i>Dicranopteris linearis</i> from China. <i>Minerals Engineering</i> , 2021, 166, 106879.	1.8	14
51	Co-transport and retention of zwitterionic ciprofloxacin with nano-biochar in saturated porous media: Impact of oxidized aging. <i>Science of the Total Environment</i> , 2021, 779, 146417.	3.9	18
52	Selective Leaching of Rare Earth Elements from Ion-Adsorption Rare Earth Tailings: A Synergy between CeO_2 Reduction and Fe/Mn Stabilization. <i>Environmental Science & Technology</i> , 2021, 55, 11328-11337.	4.6	22
53	Kinetics, pathways and toxicity of hexabromocyclododecane biodegradation: Isolation of the novel bacterium <i>Citrobacter</i> sp. Y3. <i>Chemosphere</i> , 2021, 274, 129929.	4.2	10
54	Genome- and community-level interaction insights into the ecological role of archaea in rare earth element mine drainage in South China. <i>Water Research</i> , 2021, 201, 117331.	5.3	18

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55	Characterization of Neodymium Speciation in the Presence of Fulvic Acid by Ion Exchange Technique and Single Particle ICP-MS. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, , 1.	1.3	1
56	Pathways to a more efficient and cleaner energy system in Guangdong-Hong Kong-Macao Greater Bay Area: A system-based simulation during 2015-2035. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105835.	5.3	13
57	Simultaneous hyperaccumulation of rare earth elements, manganese and aluminum in <i>Phytolacca americana</i> in response to soil properties. <i>Chemosphere</i> , 2021, 282, 131096.	4.2	30
58	Experimental and DFT investigation on N-functionalized biochars for enhanced removal of Cr(VI). <i>Environmental Pollution</i> , 2021, 291, 118244.	3.7	15
59	Cable bacteria extend the impacts of elevated dissolved oxygen into anoxic sediments. <i>ISME Journal</i> , 2021, 15, 1551-1563.	4.4	41
60	Element Case Studies: Rare Earth Elements. <i>Mineral Resource Reviews</i> , 2021, , 471-483.	1.5	12
61	Plant-Soil Feedbacks for the Restoration of Degraded Mine Lands: A Review. <i>Frontiers in Microbiology</i> , 2021, 12, 751794.	1.5	17
62	Accelerated biodegradation of p-tert-butylphenol in the <i>Phragmites australis</i> rhizosphere by phenolic root exudates. <i>Environmental and Experimental Botany</i> , 2020, 169, 103891.	2.0	11
63	Effects of cadmium-resistant plant growth-promoting rhizobacteria and <i>Funneliformis mosseae</i> on the cadmium tolerance of tomato (<i>Lycopersicon esculentum</i> L.). <i>International Journal of Phytoremediation</i> , 2020, 22, 451-458.	1.7	27
64	Recovering full metallic resources from waste printed circuit boards: A refined review. <i>Journal of Cleaner Production</i> , 2020, 244, 118690.	4.6	117
65	Newly deposited atmospheric mercury in a simulated rice ecosystem in an active mercury mining region: High loading, accumulation, and availability. <i>Chemosphere</i> , 2020, 238, 124630.	4.2	21
66	Co-pyrolysis of sewage sludge and hydrochar with coals: Pyrolytic behaviors and kinetics analysis using TG-FTIR and a discrete distributed activation energy model. <i>Energy Conversion and Management</i> , 2020, 203, 112226.	4.4	43
67	Gallic acid accelerated BDE47 degradation in PMS/Fe(III) system: Oxidation intermediates autocatalyzed redox cycling of iron. <i>Chemical Engineering Journal</i> , 2020, 384, 123248.	6.6	64
68	Facile synthesis of Z-scheme composite of TiO ₂ nanorod/g-C ₃ N ₄ nanosheet efficient for photocatalytic degradation of ciprofloxacin. <i>Journal of Cleaner Production</i> , 2020, 253, 120055.	4.6	180
69	Model-based rationalization of mixture toxicity and accumulation in <i>Triticum aestivum</i> upon concurrent exposure to yttrium, lanthanum, and cerium. <i>Journal of Hazardous Materials</i> , 2020, 389, 121940.	6.5	6
70	Inhibitory effects of metal ions on reductive dechlorination of polychlorinated biphenyls and perchloroethene in distinct organohalide-respiring bacteria. <i>Environment International</i> , 2020, 135, 105373.	4.8	31
71	High trans-placental transfer of perfluoroalkyl substances alternatives in the matched maternal-cord blood serum: Evidence from a birth cohort study. <i>Science of the Total Environment</i> , 2020, 705, 135885.	3.9	74
72	Debromination and Decomposition Mechanisms of Phenolic Resin Molecules in Ball Milling with Nano-Zerovalent Iron. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 172-178.	3.2	22

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73	Ecological influences of the migration of micro resin particles from crushed waste printed circuit boards on the dumping soil. <i>Journal of Hazardous Materials</i> , 2020, 386, 121020.	6.5	14
74	Waste shrimp shell-derived hydrochar as an emergent material for methyl orange removal in aqueous solutions. <i>Environment International</i> , 2020, 134, 105340.	4.8	69
75	Coupling adsorption-photocatalytic reduction of Cr(VI) by metal-free N-doped carbon. <i>Science of the Total Environment</i> , 2020, 704, 135284.	3.9	49
76	Singlet oxygen mediated the selective removal of oxytetracycline in C/Fe ₃ C/FeO system as compared to chloramphenicol. <i>Environment International</i> , 2020, 143, 105899.	4.8	34
77	Comparative Life-Cycle Assessment of Aquifer Thermal Energy Storage Integrated with in Situ Bioremediation of Chlorinated Volatile Organic Compounds. <i>Environmental Science & Technology</i> , 2020, 54, 3039-3049.	4.6	20
78	Reclamation with organic amendments and plants remodels the diversity and structure of bacterial community in ion-adsorption rare earth element mine tailings. <i>Journal of Soils and Sediments</i> , 2020, 20, 3669-3680.	1.5	14
79	Sludge pre-treatments change performance and microbiome in methanogenic sludge digesters by releasing different sludge organic matter. <i>Bioresource Technology</i> , 2020, 316, 123909.	4.8	11
80	Phytoextraction of rare earth elements from ion-adsorption mine tailings by <i>Phytolacca americana</i> : Effects of organic material and biochar amendment. <i>Journal of Cleaner Production</i> , 2020, 275, 122959.	4.6	32
81	Molecule co-fracture of organics in waste solar cells under different heating rates and the products analysis. <i>Solar Energy Materials and Solar Cells</i> , 2020, 214, 110573.	3.0	2
82	The influence on biosorption potentials of metal-resistant bacteria <i>Enterobacter</i> sp. EG16 and <i>Bacillus subtilis</i> DBM by typical red soil minerals. <i>Journal of Soils and Sediments</i> , 2020, 20, 3217-3229.	1.5	7
83	3D hierarchical H ₂ -reduced Mn-doped CeO ₂ microflowers assembled from nanotubes as a high-performance Fenton-like photocatalyst for tetracycline antibiotics degradation. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119171.	10.8	260
84	Factors influencing heavy metal availability and risk assessment of soils at typical metal mines in Eastern China. <i>Journal of Hazardous Materials</i> , 2020, 400, 123289.	6.5	176
85	Phytostabilization of Cd and Pb in Highly Polluted Farmland Soils Using Ramie and Amendments. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1661.	1.2	34
86	Mobility of metal(loid)s in Pb/Zn tailings under different revegetation strategies. <i>Journal of Environmental Management</i> , 2020, 263, 110323.	3.8	17
87	A novel approach of accurately rationing adsorbent for capturing pollutants via chemistry calculation: Rationing the mass of CaCO ₃ to capture Br-containing substances in the pyrolysis of nonmetallic particles of waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2020, 393, 122410.	6.5	25
88	Robust Matrix Effect-Free Method for Simultaneous Determination of Legacy and Emerging Per- and Polyfluoroalkyl Substances in Crop and Soil Matrices. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8026-8039.	2.4	11
89	Do toxicokinetic and toxicodynamic processes hold the same for light and heavy rare earth elements in terrestrial organism <i>Enchytraeus crypticus</i> ?. <i>Environmental Pollution</i> , 2020, 262, 114234.	3.7	16
90	The shuttling effects and associated mechanisms of different types of iron oxide nanoparticles for Cu(II) reduction by <i>Geobacter sulfurreducens</i> . <i>Journal of Hazardous Materials</i> , 2020, 393, 122390.	6.5	13

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91	Enhanced removal of aqueous Cd(II) by a biochar derived from salt-sealing pyrolysis coupled with NaOH treatment. <i>Applied Surface Science</i> , 2020, 511, 145619.	3.1	42
92	Elucidating Toxicodynamic Differences at the Molecular Scale between ZnO Nanoparticles and ZnCl ₂ in <i>Enchytraeus crypticus</i> via Nontargeted Metabolomics. <i>Environmental Science & Technology</i> , 2020, 54, 3487-3498.	4.6	43
93	Recovery of the biological function of ethylenediaminetetraacetic acid-washed soils: Roles of environmental variations and microbes. <i>Science of the Total Environment</i> , 2020, 715, 137032.	3.9	16
94	Spatially Resolved Localization of Lanthanum and Cerium in the Rare Earth Element Hyperaccumulator Fern <i>Dicranopteris linearis</i> from China. <i>Environmental Science & Technology</i> , 2020, 54, 2287-2294.	4.6	31
95	Preparing cedrene from ethylene-vinyl acetate copolymer and polyethylene terephthalate of waste solar cells. <i>Journal of Cleaner Production</i> , 2020, 254, 120065.	4.6	8
96	Effects of Zn in sludge-derived biochar on Cd immobilization and biological uptake by lettuce. <i>Science of the Total Environment</i> , 2020, 714, 136721.	3.9	19
97	Mechanisms of Pb and/or Zn adsorption by different biochars: Biochar characteristics, stability, and binding energies. <i>Science of the Total Environment</i> , 2020, 717, 136894.	3.9	121
98	Interaction of Mn and Cd during their uptake in <i>Celosia argentea</i> differs between hydroponic and soil systems. <i>Plant and Soil</i> , 2020, 450, 323-336.	1.8	21
99	Accumulation and associated phytotoxicity of novel chlorinated polyfluorinated ether sulfonate in wheat seedlings. <i>Chemosphere</i> , 2020, 249, 126447.	4.2	38
100	Cadmium stable isotope variation in a mountain area impacted by acid mine drainage. <i>Science of the Total Environment</i> , 2019, 646, 696-703.	3.9	56
101	Ecological Risk Assessment of Neodymium and Yttrium on Rare Earth Element Mine Sites in Ganzhou, China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 565-570.	1.3	21
102	Phytotoxicity and oxidative effects of typical quaternary ammonium compounds on wheat (<i>Triticum</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf	2.7	23
103	Synergistic effect of hydrothermal co-carbonization of sewage sludge with fruit and agricultural wastes on hydrochar fuel quality and combustion behavior. <i>Waste Management</i> , 2019, 100, 171-181.	3.7	107
104	Controls on rare-earth element transport in a river impacted by ion-adsorption rare-earth mining. <i>Science of the Total Environment</i> , 2019, 660, 697-704.	3.9	26
105	Phytoremediation of Lead and Chromium Contaminated Soil Improves with the Endogenous Phenolics and Proline Production in <i>Parthenium</i> , <i>Cannabis</i> , <i>Euphorbia</i> , and <i>Rumex</i> Species. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	56
106	Heat evolution and energy analysis of cyanide bioproduction by a cyanogenic microorganism with the potential for bioleaching of precious metals. <i>Journal of Hazardous Materials</i> , 2019, 377, 284-289.	6.5	35
107	Enhanced removal of Cr(VI) in the Fe(III)/natural polyphenols system: role of the in situ generated Fe(II). <i>Journal of Hazardous Materials</i> , 2019, 377, 321-329.	6.5	49
108	Directional concentration of bromine from nonmetallic particles of crushed waste printed circuit boards by vacuum-gasification-condensation. <i>Journal of Cleaner Production</i> , 2019, 231, 462-467.	4.6	24

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109	A cleaner and energy-saving technology of vacuum step-by-step reduction for recovering cobalt and nickel from spent lithium-ion batteries. <i>Journal of Cleaner Production</i> , 2019, 229, 1148-1157.	4.6	77
110	Could the rhizoplane biofilm of wetland plants lead to rhizospheric heavy metal precipitation and iron-sulfur cycle termination?. <i>Journal of Soils and Sediments</i> , 2019, 19, 3760-3772.	1.5	11
111	Potential impact of hydrodynamic shear force in aquifer thermal energy storage on dissolved organic matter releasement: A vigorous shaking batch study. <i>Science of the Total Environment</i> , 2019, 677, 263-271.	3.9	1
112	Vacuum pyrolysis method for reclamation of rare earth elements from <i>Hyperaccumulator Dicranopteris dichotoma</i> grown in contaminated soil. <i>Journal of Cleaner Production</i> , 2019, 229, 480-488.	4.6	30
113	Simultaneous attenuation of phytoaccumulation of Cd and As in soil treated with inorganic and organic amendments. <i>Environmental Pollution</i> , 2019, 250, 464-474.	3.7	36
114	Pyrolytic behavior and kinetic of wood sawdust at isothermal and non-isothermal conditions. <i>Renewable Energy</i> , 2019, 142, 284-294.	4.3	27
115	Effects of light irradiation on the complexes of cadmium and humic acids: The role of thiol groups. <i>Chemosphere</i> , 2019, 225, 174-181.	4.2	11
116	Two years of aging influences the distribution and lability of metal(loid)s in a contaminated soil amended with different biochars. <i>Science of the Total Environment</i> , 2019, 673, 245-253.	3.9	57
117	A resource-utilization way of the waste printed circuit boards to prepare silicon carbide nanoparticles and their photocatalytic application. <i>Journal of Hazardous Materials</i> , 2019, 373, 640-648.	6.5	26
118	Co-deposition of silicon with rare earth elements (REEs) and aluminium in the fern <i>Dicranopteris linearis</i> from China. <i>Plant and Soil</i> , 2019, 437, 427-437.	1.8	26
119	Controllable synthesis of mesoporous manganese oxide microsphere efficient for photo-Fenton-like removal of fluoroquinolone antibiotics. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 298-308.	10.8	163
120	Single Ag atom engineered 3D-MnO ₂ porous hollow microspheres for rapid photothermocatalytic inactivation of <i>E. coli</i> under solar light. <i>Applied Catalysis B: Environmental</i> , 2019, 245, 177-189.	10.8	134
121	An ultrasensitive homogeneous aptasensor for carcinoembryonic antigen based on upconversion fluorescence resonance energy transfer. <i>Talanta</i> , 2019, 195, 33-39.	2.9	49
122	Heavy metals in human urine, foods and drinking water from an e-waste dismantling area: Identification of exposure sources and metal-induced health risk. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 707-713.	2.9	82
123	Effects of the interactions between nickel and other trace metals on their accumulation in the hyperaccumulator <i>Noccaea caerulea</i> . <i>Environmental and Experimental Botany</i> , 2019, 158, 73-79.	2.0	21
124	Different dynamic accumulation and toxicity of ZnO nanoparticles and ionic Zn in the soil sentinel organism <i>Enchytraeus crypticus</i> . <i>Environmental Pollution</i> , 2019, 245, 510-518.	3.7	24
125	Water, sediment and agricultural soil contamination from an ion-adsorption rare earth mining area. <i>Chemosphere</i> , 2019, 216, 75-83.	4.2	114
126	The effect of interaction between <i>Bacillus subtilis</i> DBM and soil minerals on Cu(II) and Pb(II) adsorption. <i>Journal of Environmental Sciences</i> , 2019, 78, 328-337.	3.2	25

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127	Insights into the surface chemistry of BioSeNPs produced by <i>Bacillus licheniformis</i> . , 2019, , 219-220.		0
128	Electron transport chains in organohalide-respiring bacteria and bioremediation implications. <i>Biotechnology Advances</i> , 2018, 36, 1194-1206.	6.0	108
129	A new model for simulating microbial cyanide production and optimizing the medium parameters for recovering precious metals from waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2018, 353, 135-141.	6.5	60
130	Wet torrefaction of biomass for high quality solid fuel production: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 91, 259-271.	8.2	163
131	Continuous leaching modifies the surface properties and metal(loid) sorption of sludge-derived biochar. <i>Science of the Total Environment</i> , 2018, 625, 731-737.	3.9	31
132	Characterization of the Materials in Waste Power Banks and the Green Recovery Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3815-3822.	3.2	36
133	Occurrence and fate of colloids and colloid-associated metals in a mining-impacted agricultural soil upon prolonged flooding. <i>Journal of Hazardous Materials</i> , 2018, 348, 56-66.	6.5	58
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