

Huijie Hou

List of Publications by Year in descending order

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122
papers

5,266
citations

66336

42
h-index

106340

65
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122
all docs

122
docs citations

122
times ranked

5472
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkaline intercalation of Ti ₃ C ₂ MXene for simultaneous electrochemical detection of Cd(II), Pb(II), Cu(II) and Hg(II). <i>Electrochimica Acta</i> , 2017, 248, 46-57.	5.2	265
2	Cross-linked chitosan/ β -cyclodextrin composite for selective removal of methyl orange: Adsorption performance and mechanism. <i>Carbohydrate Polymers</i> , 2018, 182, 106-114.	10.2	195
3	Microfabricated Microbial Fuel Cell Arrays Reveal Electrochemically Active Microbes. <i>PLoS ONE</i> , 2009, 4, e6570.	2.5	134
4	Phosphorus recovery from the liquid phase of anaerobic digestate using biochar derived from iron-rich sludge: A potential phosphorus fertilizer. <i>Water Research</i> , 2020, 174, 115629.	11.3	133
5	Metabolomics revealing the response of rice (<i>Oryza sativa</i> L.) exposed to polystyrene microplastics. <i>Environmental Pollution</i> , 2020, 266, 115159.	7.5	132
6	Unraveling oxidation behaviors for intracellular and extracellular from different oxidants (HOCl vs.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 60-69.	11.3	130
7	Citric acid assisted Fenton-like process for enhanced dewaterability of waste activated sludge with in-situ generation of hydrogen peroxide. <i>Water Research</i> , 2018, 140, 232-242.	11.3	127
8	Separator modified with N,S co-doped mesoporous carbon using egg shell as template for high performance lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2017, 320, 178-188.	12.7	109
9	Enhanced sludge dewatering via homogeneous and heterogeneous Fenton reactions initiated by Fe-rich biochar derived from sludge. <i>Chemical Engineering Journal</i> , 2019, 372, 966-977.	12.7	102
10	Hydrometallurgical Recovery of Spent Lithium Ion Batteries: Environmental Strategies and Sustainability Evaluation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5750-5767.	6.7	101
11	Activated microporous-mesoporous carbon derived from chestnut shell as a sustainable anode material for high performance microbial fuel cells. <i>Bioresource Technology</i> , 2018, 249, 567-573.	9.6	98
12	Facile preparation of flower-like NiMn layered double hydroxide/reduced graphene oxide microsphere composite for high-performance asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2018, 730, 71-80.	5.5	96
13	Thermoresponsive nanocomposite hydrogels with cell-releasing behavior. <i>Biomaterials</i> , 2008, 29, 3175-3184.	11.4	94
14	One-pot solvothermal synthesis of magnetic biochar from waste biomass: Formation mechanism and efficient adsorption of Cr(VI) in an aqueous solution. <i>Science of the Total Environment</i> , 2019, 695, 133886.	8.0	94
15	Sludge-derived biochar with multivalent iron as an efficient Fenton catalyst for degradation of 4-Chlorophenol. <i>Science of the Total Environment</i> , 2020, 725, 138299.	8.0	93
16	A comparison between sulfuric acid and oxalic acid leaching with subsequent purification and precipitation for phosphorus recovery from sewage sludge incineration ash. <i>Water Research</i> , 2019, 159, 242-251.	11.3	92
17	Conjugated Oligoelectrolytes Increase Power Generation in <i>E. coli</i> Microbial Fuel Cells. <i>Advanced Materials</i> , 2013, 25, 1593-1597.	21.0	85
18	Control of geometrical properties of carbon nanotube electrodes towards high-performance microbial fuel cells. <i>Journal of Power Sources</i> , 2015, 280, 347-354.	7.8	82

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19	Microplastics affect rice (<i>Oryza sativa</i> L.) quality by interfering metabolite accumulation and energy expenditure pathways: A field study. <i>Journal of Hazardous Materials</i> , 2022, 422, 126834.	12.4	76
20	Review on clean recovery of discarded/spent lead-acid battery and trends of recycled products. <i>Journal of Power Sources</i> , 2019, 436, 226853.	7.8	75
21	Pretreatment of eucalyptus with recycled ionic liquids for low-cost biorefinery. <i>Bioresource Technology</i> , 2017, 234, 406-414.	9.6	72
22	A novel hollow sphere bismuth oxide doped mesoporous carbon nanocomposite material derived from sustainable biomass for picomolar electrochemical detection of lead and cadmium. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13967-13979.	10.3	69
23	Synergic degradation of 2,4,6-trichlorophenol in microbial fuel cells with intimately coupled photocatalytic-electrogenic anode. <i>Water Research</i> , 2019, 156, 125-135.	11.3	66
24	Long-term stability of FeSO ₄ and H ₂ SO ₄ treated chromite ore processing residue (COPR): Importance of H ⁺ and SO ₄ ²⁻ . <i>Journal of Hazardous Materials</i> , 2017, 321, 720-727.	12.4	65
25	Enhanced hydrogen production in catalytic pyrolysis of sewage sludge by red mud: Thermogravimetric kinetic analysis and pyrolysis characteristics. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7795-7807.	7.1	65
26	Sustained molecular oxygen activation by solid iron doped silicon carbide under microwave irradiation: Mechanism and application to norfloxacin degradation. <i>Water Research</i> , 2017, 126, 274-284.	11.3	64
27	In situ generation of zero valent iron for enhanced hydroxyl radical oxidation in an electrooxidation system for sewage sludge dewatering. <i>Water Research</i> , 2018, 145, 162-171.	11.3	64
28	An Emission-Free Vacuum Chlorinating Process for Simultaneous Sulfur Fixation and Lead Recovery from Spent Lead-Acid Batteries. <i>Environmental Science & Technology</i> , 2018, 52, 2235-2241.	10.0	61
29	Microfabricated devices in microbial bioenergy sciences. <i>Trends in Biotechnology</i> , 2013, 31, 225-232.	9.3	59
30	Oxygen vacancy mediated surface charge redistribution of Cu-substituted LaFeO ₃ for degradation of bisphenol A by efficient decomposition of H ₂ O ₂ . <i>Journal of Hazardous Materials</i> , 2020, 389, 122072.	12.4	59
31	A microfluidic microbial fuel cell array that supports long-term multiplexed analyses of electricigens. <i>Lab on A Chip</i> , 2012, 12, 4151.	6.0	58
32	Patterned ion exchange membranes for improved power production in microbial reverse-electrodialysis cells. <i>Journal of Power Sources</i> , 2014, 271, 437-443.	7.8	58
33	A comparatively optimization of dosages of oxidation agents based on volatile solids and dry solids content in dewatering of sewage sludge. <i>Water Research</i> , 2017, 126, 342-350.	11.3	58
34	Novel Insights into Extracellular Polymeric Substance Degradation, Hydrophilic/Hydrophobic Characteristics, and Dewaterability of Waste Activated Sludge Pretreated by Hydroxylamine Enhanced Fenton Oxidation. <i>ACS ES&T Engineering</i> , 2021, 1, 385-392.	7.6	56
35	Air-cathode microbial fuel cell array: A device for identifying and characterizing electrochemically active microbes. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2680-2684.	10.1	51
36	Study on dewaterability limit and energy consumption in sewage sludge electro-dewatering by in-situ linear sweep voltammetry analysis. <i>Chemical Engineering Journal</i> , 2017, 317, 980-987.	12.7	51

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37	Effects of red mud on emission control of NO _x precursors during sludge pyrolysis: A protein model compound study. <i>Waste Management</i> , 2019, 85, 452-463.	7.4	50
38	A low-emission strategy to recover lead compound products directly from spent lead-acid battery paste: Key issue of impurities removal. <i>Journal of Cleaner Production</i> , 2019, 210, 1534-1544.	9.3	47
39	Catalytic degradation of PNP and stabilization/solidification of Cd simultaneously in soil using microwave-assisted Fe-bearing attapulgite. <i>Chemical Engineering Journal</i> , 2016, 304, 747-756.	12.7	45
40	Synthesis of Nanostructured PbO@C Composite Derived from Spent Lead-Acid Battery for Next-Generation Lead-Carbon Battery. <i>Advanced Functional Materials</i> , 2018, 28, 1705294.	14.9	45
41	Profiling of amino acids and their interactions with proteinaceous compounds for sewage sludge dewatering by Fenton oxidation treatment. <i>Water Research</i> , 2020, 175, 115645.	11.3	45
42	Enhanced sludge dewaterability with sludge-derived biochar activating hydrogen peroxide: Synergism of Fe and Al elements in biochar. <i>Water Research</i> , 2020, 182, 115927.	11.3	44
43	New insight into the formation of polyhalogenated carbazoles: Aqueous chlorination of residual carbazole under bromide condition in drinking water. <i>Water Research</i> , 2019, 159, 252-261.	11.3	43
44	A bio-electro-Fenton system with a facile anti-biofouling air cathode for efficient degradation of landfill leachate. <i>Chemosphere</i> , 2019, 215, 173-181.	8.2	43
45	A micromilled microgrid sensor with delaminated MXene-bismuth nanocomposite assembly for simultaneous electrochemical detection of lead(II), cadmium(II) and zinc(II). <i>Mikrochimica Acta</i> , 2019, 186, 776.	5.0	42
46	Ultrahigh-performance pseudocapacitor based on phase-controlled synthesis of MoS ₂ nanosheets decorated Ni ₃ S ₂ hybrid structure through annealing treatment. <i>Applied Surface Science</i> , 2017, 425, 879-888.	6.1	41
47	Enhanced Sludge Dewaterability and Pathogen Inactivation by Synergistic Effects of Zero-Valent Iron and Ozonation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 324-331.	6.7	41
48	Degradation of refractory organics in dual-cathode electro-Fenton using air-cathode for H ₂ O ₂ electrogeneration and microbial fuel cell cathode for Fe ²⁺ regeneration. <i>Journal of Hazardous Materials</i> , 2021, 412, 125269.	12.4	41
49	Transformation of arsenic during realgar tailings stabilization using ferrous sulfate in a pilot-scale treatment. <i>Science of the Total Environment</i> , 2019, 668, 32-39.	8.0	40
50	Recent advances in metalloporphyrins for environmental and energy applications. <i>Chemosphere</i> , 2019, 219, 617-635.	8.2	40
51	Recent Advances and Perspective on Design and Synthesis of Electrode Materials for Electrochemical Sensing of Heavy Metals. <i>Energy and Environmental Materials</i> , 2018, 1, 113-131.	12.8	39
52	Performance evaluation of microbial fuel cell for landfill leachate treatment: Research updates and synergistic effects of hybrid systems. <i>Journal of Environmental Sciences</i> , 2020, 96, 1-20.	6.1	39
53	Occurrence and exposure risk evaluation of polyhalogenated carbazoles (PHCZs) in drinking water. <i>Science of the Total Environment</i> , 2021, 750, 141615.	8.0	38
54	Investigation on emission control of NO _x precursors and phosphorus reclamation during pyrolysis of ferric sludge. <i>Science of the Total Environment</i> , 2019, 670, 932-940.	8.0	37

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55	Correlation between oxidation-reduction potential values and sludge dewaterability during pre-oxidation. <i>Water Research</i> , 2019, 155, 96-105.	11.3	37
56	Electrochemical study of multi-electrode microbial fuel cells under fed-batch and continuous flow conditions. <i>Journal of Power Sources</i> , 2014, 257, 454-460.	7.8	36
57	Enhanced quorum sensing of anode biofilm for better sensing linearity and recovery capability of microbial fuel cell toxicity sensor. <i>Environmental Research</i> , 2020, 181, 108906.	7.5	36
58	Red mud enhanced hydrogen production from pyrolysis of deep-dewatered sludge cakes conditioned with Fenton's reagent and red mud. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 16762-16771.	7.1	35
59	Biogas and phosphorus recovery from waste activated sludge with protocatechuic acid enhanced Fenton pretreatment, anaerobic digestion and microbial electrolysis cell. <i>Science of the Total Environment</i> , 2020, 704, 135274.	8.0	34
60	A waste-minimized biorefinery scenario for the hierarchical conversion of agricultural straw into prebiotic xylooligosaccharides, fermentable sugars and lithium-sulfur batteries. <i>Industrial Crops and Products</i> , 2019, 129, 269-280.	5.2	33
61	Stabilization treatment of arsenic-alkali residue (AAR): Effect of the coexisting soluble carbonate on arsenic stabilization. <i>Environment International</i> , 2020, 135, 105406.	10.0	33
62	Optimized microwave extraction, characterization and antioxidant capacity of biological polysaccharides from <i>Eucommia ulmoides</i> Oliver leaf. <i>Scientific Reports</i> , 2018, 8, 6561.	3.3	32
63	Simultaneous heavy metal removal and sludge deep dewatering with Fe(II) assisted electrooxidation technology. <i>Journal of Hazardous Materials</i> , 2021, 405, 124072.	12.4	29
64	Enhancing waste activated sludge dewaterability by reducing interaction energy of sludge flocs. <i>Environmental Research</i> , 2021, 196, 110328.	7.5	29
65	Enhanced 2,4,6-trichlorophenol degradation and biogas production with a coupled microbial electrolysis cell and anaerobic granular sludge system. <i>Bioresource Technology</i> , 2020, 303, 122958.	9.6	28
66	Integration of electrochemical and calcium hypochlorite oxidation for simultaneous sludge deep dewatering, stabilization and phosphorus fixation. <i>Science of the Total Environment</i> , 2021, 750, 141408.	8.0	28
67	High efficient catalytic degradation of PNP over Cu-bearing catalysts with microwave irradiation. <i>Chemical Engineering Journal</i> , 2017, 323, 444-454.	12.7	27
68	Enhanced treatment of landfill leachate with cathodic algal biofilm and oxygen-consuming unit in a hybrid microbial fuel cell system. <i>Bioresource Technology</i> , 2020, 310, 123420.	9.6	27
69	Electrocatalytic activity of lithium polysulfides adsorbed into porous TiO ₂ coated MWCNTs hybrid structure for lithium-sulfur batteries. <i>Scientific Reports</i> , 2017, 7, 40679.	3.3	26
70	Phase-controlled solvothermal synthesis and morphology evolution of nickel sulfide and its pseudocapacitance performance. <i>Ceramics International</i> , 2017, 43, 3080-3088.	4.8	26
71	Hierarchically Porous and Defective Carbon Fiber Cathode for Efficient Zn-Air Batteries and Microbial Fuel Cells. <i>Advanced Fiber Materials</i> , 2022, 4, 795-806.	16.1	26
72	Synergistic effect of water content and composite conditioner of Fenton's reagent combined with red mud on the enhanced hydrogen production from sludge pyrolysis. <i>Water Research</i> , 2017, 123, 378-387.	11.3	25

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73	Adsorption of arsenic on iron modified attapulgite (Fe/ATP): surface complexation model and DFT studies. <i>Adsorption</i> , 2018, 24, 459-469.	3.0	25
74	Recirculation of reject water in deep-dewatering process to influent of wastewater treatment plant and dewaterability of sludge conditioned with Fe ²⁺ /H ₂ O ₂ , Fe ²⁺ /Ca(ClO) ₂ , and Fe ²⁺ /Na ₂ S ₂ O ₈ : From bench to pilot-scale study. <i>Environmental Research</i> , 2022, 203, 111825.	7.5	25
75	A closed-loop ammonium salt system for recovery of high-purity lead tetroxide product from spent lead-acid battery paste. <i>Journal of Cleaner Production</i> , 2020, 250, 119488.	9.3	23
76	Predicting the higher heating value of syngas pyrolyzed from sewage sludge using an artificial neural network. <i>Environmental Science and Pollution Research</i> , 2020, 27, 785-797.	5.3	23
77	Deciphering the impacts of composition of extracellular polymeric substances on sludge dewaterability: An often overlooked role of amino acids. <i>Chemosphere</i> , 2021, 284, 131297.	8.2	22
78	Ultrasensitive and Simultaneous Electrochemical Determination of Pb ²⁺ and Cd ²⁺ Based on Biomass Derived Lotus Root-Like Hierarchical Porous Carbon/Bismuth Composite. <i>Journal of the Electrochemical Society</i> , 2020, 167, 087505.	2.9	22
79	The integration of different pretreatments and ionic liquid processing of eucalyptus: Hemicellulosic products and regenerated cellulose fibers. <i>Industrial Crops and Products</i> , 2017, 101, 11-20.	5.2	20
80	Facile synthesis of mesoporous graphene platelets with in situ nitrogen and sulfur doping for lithium-sulfur batteries. <i>RSC Advances</i> , 2017, 7, 22567-22577.	3.6	20
81	Coupling of hydrothermal and ionic liquid pretreatments for sequential biorefinery of <i>Tamarix austromongolica</i> . <i>Applied Energy</i> , 2018, 229, 745-755.	10.1	20
82	The evaluation of long term performance of microbial fuel cell based Pb toxicity shock sensor. <i>Chemosphere</i> , 2021, 270, 129455.	8.2	19
83	Efficient degradation of refractory pollutant in a microbial fuel cell with novel hybrid photocatalytic air-cathode: Intimate coupling of microbial and photocatalytic processes. <i>Bioresource Technology</i> , 2021, 340, 125717.	9.6	19
84	Hierarchically porous biochar preparation and simultaneous nutrient recovery from sewage sludge via three steps of alkali-activated pyrolysis, water leaching and acid leaching. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105953.	10.8	19
85	A study on Pb ²⁺ /Pb electrodes for soluble lead redox flow cells prepared with methanesulfonic acid and recycled lead. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 861-868.	2.9	18
86	Ferrite as an effective catalyst for HCB removal in soil: Characterization and catalytic performance. <i>Chemical Engineering Journal</i> , 2016, 294, 246-253.	12.7	18
87	Synthesis of the PbS Dendritic Nanostructure Recovered from a Spent Lead-Acid Battery via an Integrated Vacuum Chlorinating and Hydrothermal Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17333-17339.	6.7	18
88	Stabilization and Mineralization Mechanism of Cd with Cu-Loaded Attapulgite Stabilizer Assisted with Microwave Irradiation. <i>Environmental Science & Technology</i> , 2018, 52, 12624-12632.	10.0	18
89	A facile lead acetate conversion process for synthesis of high-purity alpha-lead oxide derived from spent lead-acid batteries. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 88-97.	3.2	18
90	Predicting the hormesis and toxicological interaction of mixtures by an improved inverse distance weighted interpolation. <i>Environment International</i> , 2019, 130, 104892.	10.0	18

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91	Synergistic effect of floatable hydroxyapatite-modified biochar adsorption and low-level CaCl ₂ leaching on Cd removal from paddy soil. <i>Science of the Total Environment</i> , 2022, 807, 150872.	8.0	18
92	Aerobic granular sludge inoculated microbial fuel cells for enhanced epoxy reactive diluent wastewater treatment. <i>Bioresource Technology</i> , 2017, 229, 126-133.	9.6	17
93	The mechanism of microwave-induced mineral transformation and stabilization of arsenic in realgar tailings using ferrous sulfate. <i>Chemical Engineering Journal</i> , 2020, 393, 124732.	12.7	17
94	Recent Advances on the Development of Functional Materials in Microbial Fuel Cells: From Fundamentals to Challenges and Outlooks. <i>Energy and Environmental Materials</i> , 2022, 5, 401-426.	12.8	17
95	An efficient hydrodynamic-biokinetic model for the optimization of operational strategy applied in a full-scale oxidation ditch by CFD integrated with ASM2. <i>Water Research</i> , 2021, 193, 116888.	11.3	17
96	The effect of barium sulfate-doped lead oxide as a positive active material on the performance of lead acid batteries. <i>RSC Advances</i> , 2016, 6, 27205-27212.	3.6	16
97	Ionic liquid mediated technology for fabrication of cellulose film using gutta percha as an additive. <i>Industrial Crops and Products</i> , 2017, 108, 140-148.	5.2	16
98	Improvement of sludge dewaterability by ammonium sulfate and the potential reuse of sludge as nitrogen fertilizer. <i>Environmental Research</i> , 2020, 191, 110050.	7.5	15
99	A thermoresponsive hydrogel poly(<i>N</i> -isopropylacrylamide) micropatterning method using microfluidic techniques. <i>Journal of Micromechanics and Microengineering</i> , 2009, 19, 127001.	2.6	13
100	N-doped hollow carbon nanoparticles encapsulated fibers derived from ZIF-8 self-sacrificed template for advanced lithium-sulfur batteries. <i>Microporous and Mesoporous Materials</i> , 2021, 317, 111000.	4.4	13
101	Conjugated oligoelectrolyte represses hydrogen oxidation by <i>Geobacter sulfurreducens</i> in microbial electrolysis cells. <i>Bioelectrochemistry</i> , 2015, 106, 379-382.	4.6	11
102	Comparison of different valent iron on anaerobic sludge digestion: Focusing on oxidation reduction potential, dissolved organic nitrogen and microbial community. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	11
103	High catalytic oxidation of As(III) by molecular oxygen over Fe-loaded silicon carbide with MW activation. <i>Chemosphere</i> , 2018, 198, 537-545.	8.2	10
104	Anaerobic digestion of sludge by different pretreatments: Changes of amino acids and microbial community. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	6.0	10
105	Ammonia chloride assisted air-chlorination recovery of tin from pyrometallurgical slag of spent lead-acid battery. <i>Resources, Conservation and Recycling</i> , 2021, 170, 105611.	10.8	10
106	Repression of hydrogen uptake using conjugated oligoelectrolytes in microbial electrolysis cells. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 19407-19415.	7.1	9
107	Comparison of Electrokinetic Remediation on Lead-Contaminated Kaolinite and Natural Soils. <i>Clean - Soil, Air, Water</i> , 2019, 47, 1800337.	1.1	8
108	Three-Dimensional PbO ₂ -Modified Carbon Felt Electrode for Efficient Electrocatalytic Oxidation of Phenol Characterized with In Situ ATR-FTIR. <i>Journal of Physical Chemistry C</i> , 2022, 126, 912-921.	3.1	8

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109	A closed-loop acetic acid system for recovery of PbO@C composite derived from spent lead-acid battery. <i>Resources, Conservation and Recycling</i> , 2022, 184, 106391.	10.8	8
110	Direct reuse of two deep-dewatered sludge cakes without a solidifying agent as landfill cover: geotechnical properties and heavy metal leaching characteristics. <i>RSC Advances</i> , 2017, 7, 3823-3830.	3.6	7
111	Insight into effects of organic and inorganic phosphorus speciations on phosphorus removal efficiency in secondary effluent. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11736-11748.	5.3	7
112	Prediction on the combined toxicities of stimulation-only and inhibition-only contaminants using improved inverse distance weighted interpolation. <i>Chemosphere</i> , 2022, 287, 132045.	8.2	7
113	Role of Iron Impurity in Hydrometallurgical Recovery Process of Spent Lead-Acid Battery: Phase Transformation of Positive Material Made from Recovered Lead Oxide. <i>Journal of the Electrochemical Society</i> , 2019, 166, A1715-A1724.	2.9	6
114	Thermoresponsive Double Network Micropillared Hydrogels for Controlled Cell Release. <i>Macromolecular Bioscience</i> , 2014, 14, 1346-1352.	4.1	5
115	Lead@Carbon Batteries: Synthesis of Nanostructured PbO@C Composite Derived from Spent Lead-Acid Battery for Next-Generation Lead-Carbon Battery (<i>Adv. Funct. Mater.</i> 9/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870056.	14.9	5
116	Simulation on flow field and gas hold-up of a pilot-scale oxidation ditch by using liquid-gas CFD model. <i>Water Science and Technology</i> , 2018, 78, 1956-1965.	2.5	5
117	Fate of New Persistent Organic Chemical 3,6-Dichlorocarbazole in Chlorinated Drinking Water. <i>ACS ES&T Water</i> , 2021, 1, 1728-1736.	4.6	5
118	Pretreatment of sludge with sodium iron chlorophyllin-H ₂ O ₂ for enhanced biogas production during anaerobic digestion. <i>Environmental Research</i> , 2022, 204, 112223.	7.5	5
119	Enhanced silicon bioavailability of biochar derived from sludge conditioned with Fenton's reagent and lime. <i>Science of the Total Environment</i> , 2022, 806, 150941.	8.0	4
120	Enhance cathodic capacitance to eliminate power overshoot in microbial fuel cells. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1659-1667.	2.5	3
121	Nanofibrous Kevlar Hydrogel Ultrafiltration Membrane with High Acid Resistance and Antifouling Properties for Wastewater Treatment. <i>ACS ES&T Water</i> , 2023, 3, 1747-1755.	4.6	2
122	A microfabricated microbial fuel cell array for high throughput screening (HTS) of electricity generating microbes from environment. , 2010, , .		0