

Junfeng Niu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8422296/publications.pdf>

Version: 2024-02-01

237
papers

13,852
citations

19608

61
h-index

30010

103
g-index

242
all docs

242
docs citations

242
times ranked

13258
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Photogenerated Reactive Oxygen Species and Correlation with the Antibacterial Properties of Engineered Metal-Oxide Nanoparticles. <i>ACS Nano</i> , 2012, 6, 5164-5173.	7.3	1,282
2	Distribution and speciation of heavy metals in sediments from the mainstream, tributaries, and lakes of the Yangtze River catchment of Wuhan, China. <i>Journal of Hazardous Materials</i> , 2009, 166, 1186-1194.	6.5	391
3	Electrochemical degradation of perfluorooctanoic acid (PFOA) by Ti/SnO ₂ -Sb, Ti/SnO ₂ -Sb/PbO ₂ and Ti/SnO ₂ -Sb/MnO ₂ anodes. <i>Water Research</i> , 2012, 46, 2281-2289.	5.3	367
4	Perfluorooctanoic Acid Degradation Using UV-Persulfate Process: Modeling of the Degradation and Chlorate Formation. <i>Environmental Science & Technology</i> , 2016, 50, 772-781.	4.6	294
5	Electrochemical Mineralization of Perfluorocarboxylic Acids (PFCAs) by Ce-Doped Modified Porous Nanocrystalline PbO ₂ Film Electrode. <i>Environmental Science & Technology</i> , 2012, 46, 10191-10198.	4.6	256
6	Photogeneration of Reactive Oxygen Species on Uncoated Silver, Gold, Nickel, and Silicon Nanoparticles and Their Antibacterial Effects. <i>Langmuir</i> , 2013, 29, 4647-4651.	1.6	244
7	Electrochemical mineralization of sulfamethoxazole by Ti/SnO ₂ -Sb/Ce-PbO ₂ anode: Kinetics, reaction pathways, and energy cost evolution. <i>Electrochimica Acta</i> , 2013, 97, 167-174.	2.6	213
8	Electrochemical oxidation of ofloxacin using a TiO ₂ -based SnO ₂ -Sb/polytetrafluoroethylene resin-PbO ₂ electrode: Reaction kinetics and mass transfer impact. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 515-525.	10.8	212
9	Role of living environments in the accumulation characteristics of heavy metals in fishes and crabs in the Yangtze River Estuary, China. <i>Marine Pollution Bulletin</i> , 2012, 64, 1163-1171.	2.3	199
10	Theoretical and Experimental Insights into the Electrochemical Mineralization Mechanism of Perfluorooctanoic Acid. <i>Environmental Science & Technology</i> , 2013, 47, 14341-14349.	4.6	178
11	Electrochemical oxidation of perfluorinated compounds in water. <i>Chemosphere</i> , 2016, 146, 526-538.	4.2	174
12	Visible-light-mediated Sr-Bi ₂ O ₃ photocatalysis of tetracycline: Kinetics, mechanisms and toxicity assessment. <i>Chemosphere</i> , 2013, 93, 1-8.	4.2	168
13	Risk assessment of sedimentary metals in the Yangtze Estuary: New evidence of the relationships between two typical index methods. <i>Journal of Hazardous Materials</i> , 2012, 241-242, 164-172.	6.5	161
14	Electrochemical degradation of enrofloxacin by lead dioxide anode: Kinetics, mechanism and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2017, 326, 911-920.	6.6	161
15	Development of macroporous Magn ²⁺ phase Ti ₄ O ₇ ceramic materials: As an efficient anode for mineralization of poly- and perfluoroalkyl substances. <i>Chemical Engineering Journal</i> , 2018, 354, 1058-1067.	6.6	161
16	Adsorption of phosphorus on sediments from the Three-Gorges Reservoir (China) and the relation with sediment compositions. <i>Journal of Hazardous Materials</i> , 2009, 162, 92-98.	6.5	160
17	Highly Efficient and Mild Electrochemical Mineralization of Long-Chain Perfluorocarboxylic Acids (C ₉ -C ₁₀) by Ti/SnO ₂ -Sb-Ce, Ti/SnO ₂ -Sb/Ce-PbO ₂ , and Ti/BDD Electrodes. <i>Environmental Science & Technology</i> , 2013, 47, 13039-13046.	4.6	157
18	Photolysis of Enrofloxacin in aqueous systems under simulated sunlight irradiation: Kinetics, mechanism and toxicity of photolysis products. <i>Chemosphere</i> , 2011, 85, 892-897.	4.2	138

#	ARTICLE	IF	CITATIONS
19	Selective electrochemical H ₂ O ₂ generation and activation on a bifunctional catalyst for heterogeneous electro-Fenton catalysis. <i>Journal of Hazardous Materials</i> , 2020, 382, 121102.	6.5	137
20	Characterization, ecological risk assessment and source diagnostics of polycyclic aromatic hydrocarbons in water column of the Yellow River Delta, one of the most plenty biodiversity zones in the world. <i>Journal of Hazardous Materials</i> , 2009, 169, 460-465.	6.5	136
21	Spatial distribution and source apportionment of PAHs in surficial sediments of the Yangtze Estuary, China. <i>Marine Pollution Bulletin</i> , 2012, 64, 636-643.	2.3	134
22	Light-source-dependent role of nitrate and humic acid in tetracycline photolysis: Kinetics and mechanism. <i>Chemosphere</i> , 2013, 92, 1423-1429.	4.2	131
23	Novel dual-effective Z-scheme heterojunction with g-C ₃ N ₄ , Ti ₃ C ₂ MXene and black phosphorus for improving visible light-induced degradation of ciprofloxacin. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120105.	10.8	129
24	Effects of environmental factors on sulfamethoxazole photodegradation under simulated sunlight irradiation: Kinetics and mechanism. <i>Journal of Environmental Sciences</i> , 2013, 25, 1098-1106.	3.2	122
25	Laccase-Carrying Electrospun Fibrous Membranes for Adsorption and Degradation of PAHs in Shool Soils. <i>Environmental Science & Technology</i> , 2011, 45, 10611-10618.	4.6	109
26	Degradation of Pentachlorophenol and 2,4-Dichlorophenol by Sequential Visible-Light Driven Photocatalysis and Laccase Catalysis. <i>Environmental Science & Technology</i> , 2010, 44, 9117-9122.	4.6	108
27	Electrochemical removal of nitrate in industrial wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	3.3	108
28	Photoinduced Hydrodefluorination Mechanisms of Perfluorooctanoic Acid by the SiC/Graphene Catalyst. <i>Environmental Science & Technology</i> , 2016, 50, 5857-5863.	4.6	104
29	In situ encapsulation of laccase in microfibers by emulsion electrospinning: Preparation, characterization, and application. <i>Bioresource Technology</i> , 2010, 101, 8942-8947.	4.8	103
30	Mechanism of Reductive Decomposition of Pentachlorophenol by Ti-Doped Bi ₂ O ₃ under Visible Light Irradiation. <i>Environmental Science & Technology</i> , 2010, 44, 5581-5586.	4.6	101
31	Assessment of heavy metals in sediments from a typical catchment of the Yangtze River, China. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 407-417.	1.3	98
32	Biological Uptake, Distribution, and Depuration of Radio-Labeled Graphene in Adult Zebrafish: Effects of Graphene Size and Natural Organic Matter. <i>ACS Nano</i> , 2017, 11, 2872-2885.	7.3	98
33	Efficient Sorption and Removal of Perfluoroalkyl Acids (PFAAs) from Aqueous Solution by Metal Hydroxides Generated in Situ by Electrocoagulation. <i>Environmental Science & Technology</i> , 2015, 49, 10562-10569.	4.6	95
34	Electrochemical degradation of fluoxetine on nanotube array intercalated anode with enhanced electronic transport and hydroxyl radical production. <i>Chemical Engineering Journal</i> , 2018, 346, 662-671.	6.6	94
35	Removal of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) from water by coagulation: Mechanisms and influencing factors. <i>Journal of Colloid and Interface Science</i> , 2014, 434, 59-64.	5.0	91
36	Photocatalytic degradation kinetics and mechanism of pentachlorophenol based on Superoxide radicals. <i>Journal of Environmental Sciences</i> , 2011, 23, 1911-1918.	3.2	88

#	ARTICLE	IF	CITATIONS
37	Neighboring Pd single atoms surpass isolated single atoms for selective hydrodehalogenation catalysis. <i>Nature Communications</i> , 2021, 12, 5179.	5.8	87
38	Sonophotocatalytic degradation of methyl orange by nano-sized Ag/TiO ₂ particles in aqueous solutions. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 386-392.	3.8	85
39	Photolysis of polycyclic aromatic hydrocarbons adsorbed on spruce [<i>Picea abies</i> (L.) Karst.] needles under sunlight irradiation. <i>Environmental Pollution</i> , 2003, 123, 39-45.	3.7	83
40	Ferrous metal-organic frameworks with strong electron-donating properties for persulfate activation to effectively degrade aqueous sulfamethoxazole. <i>Chemical Engineering Journal</i> , 2020, 394, 125044.	6.6	83
41	Electrochemical mineralization of pentachlorophenol (PCP) by Ti/SnO ₂ -Sb electrodes. <i>Chemosphere</i> , 2013, 92, 1571-1577.	4.2	82
42	Electrochemical oxidation of perfluorooctane sulfonate (PFOS) substitute by modified boron doped diamond (BDD) anodes. <i>Chemical Engineering Journal</i> , 2020, 379, 122280.	6.6	82
43	Occurrence and possible sources of polychlorinated biphenyls in surface sediments from the Wuhan reach of the Yangtze River, China. <i>Chemosphere</i> , 2009, 74, 1522-1530.	4.2	81
44	Relative importance of humic and fulvic acid on ROS generation, dissolution, and toxicity of sulfide nanoparticles. <i>Water Research</i> , 2017, 124, 595-604.	5.3	80
45	Surface-Coating-Dependent Dissolution, Aggregation, and Reactive Oxygen Species (ROS) Generation of Silver Nanoparticles under Different Irradiation Conditions. <i>Environmental Science & Technology</i> , 2013, 47, 130904083900006.	4.6	78
46	Influence of Aqueous Media on the ROS-Mediated Toxicity of ZnO Nanoparticles toward Green Fluorescent Protein-Expressing <i>Escherichia coli</i> under UV-365 Irradiation. <i>Langmuir</i> , 2014, 30, 2852-2862.	1.6	77
47	Sm-doped g-C ₃ N ₄ /Ti ₃ C ₂ MXene heterojunction for visible-light photocatalytic degradation of ciprofloxacin. <i>Chinese Chemical Letters</i> , 2021, 32, 2155-2158.	4.8	77
48	Amorphous Pd-Loaded Ti ₄ O ₇ Electrode for Direct Anodic Destruction of Perfluorooctanoic Acid. <i>Environmental Science & Technology</i> , 2020, 54, 10954-10963.	4.6	76
49	Electronic modulation of iron-bearing heterogeneous catalysts to accelerate Fe(III)/Fe(II) redox cycle for highly efficient Fenton-like catalysis. <i>Applied Catalysis B: Environmental</i> , 2020, 276, 119016.	10.8	75
50	Opportunities for nanotechnology to enhance electrochemical treatment of pollutants in potable water and industrial wastewater – a perspective. <i>Environmental Science: Nano</i> , 2020, 7, 2178-2194.	2.2	74
51	Effects of Chloride Ions on Dissolution, ROS Generation, and Toxicity of Silver Nanoparticles under UV Irradiation. <i>Environmental Science & Technology</i> , 2018, 52, 4842-4849.	4.6	73
52	Fe(II)-promoted activation of peroxymonosulfate by molybdenum disulfide for effective degradation of acetaminophen. <i>Chemical Engineering Journal</i> , 2020, 381, 122718.	6.6	72
53	In situ encapsulation of laccase in nanofibers by electrospinning for development of enzyme biosensors for chlorophenol monitoring. <i>Analyst</i> , 2011, 136, 4802.	1.7	71
54	Single-Atom Pt Catalyst for Effective C-F Bond Activation via Hydrodefluorination. <i>ACS Catalysis</i> , 2018, 8, 9353-9358.	5.5	70

#	ARTICLE	IF	CITATIONS
55	Sulfur-modified chitosan derived N,S-co-doped carbon as a bifunctional material for adsorption and catalytic degradation sulfamethoxazole by persulfate. <i>Journal of Hazardous Materials</i> , 2022, 424, 127270.	6.5	70
56	Residues of organochlorine pesticides in water and suspended particulate matter from the Yangtze River catchment of Wuhan, China. <i>Environmental Monitoring and Assessment</i> , 2008, 137, 427-439.	1.3	68
57	Characteristics of biofilms and iron corrosion scales with ground and surface waters in drinking water distribution systems. <i>Corrosion Science</i> , 2015, 90, 331-339.	3.0	67
58	Insight into degradation mechanism of sulfamethoxazole by metal-organic framework derived novel magnetic Fe@C composite activated persulfate. <i>Journal of Hazardous Materials</i> , 2021, 414, 125598.	6.5	67
59	Insights of ibuprofen electro-oxidation on metal-oxide-coated Ti anodes: Kinetics, energy consumption and reaction mechanisms. <i>Chemosphere</i> , 2016, 163, 584-591.	4.2	65
60	Electrochemical properties of the erbium- α -chitosan- α -fluorine- α -modified PbO ₂ electrode for the degradation of 2,4-dichlorophenol in aqueous solution. <i>Chemosphere</i> , 2010, 79, 987-996.	4.2	64
61	The role of carbonate in sulfamethoxazole degradation by peroxymonosulfate without catalyst and the generation of carbonate racial. <i>Journal of Hazardous Materials</i> , 2020, 398, 122827.	6.5	64
62	Insights into the electrochemical degradation of sulfamethoxazole and its metabolite by Ti/SnO ₂ -Sb/Er-PbO ₂ anode. <i>Chinese Chemical Letters</i> , 2020, 31, 2673-2677.	4.8	63
63	Photochemical transformation of tetrabromobisphenol A under simulated sunlight irradiation: Kinetics, mechanism and influencing factors. <i>Chemosphere</i> , 2015, 134, 550-556.	4.2	62
64	Enhanced treatment of tannery wastewater using the electrocoagulation process combined with UVC/VUV photoreactor: Parametric and mechanistic evaluation. <i>Chemical Engineering Journal</i> , 2019, 358, 1038-1046.	6.6	62
65	Release of polycyclic aromatic hydrocarbons from Yangtze River sediment cores during periods of simulated resuspension. <i>Environmental Pollution</i> , 2008, 155, 366-374.	3.7	61
66	Photocatalytic degradation of perfluorooctanoic acid over Pb-BiFeO ₃ /rGO catalyst: Kinetics and mechanism. <i>Chemosphere</i> , 2018, 211, 34-43.	4.2	61
67	Evidence of superoxide radical contribution to demineralization of sulfamethoxazole by visible-light-driven Bi ₂ O ₃ /Bi ₂ O ₂ CO ₃ /Sr ₆ Bi ₂ O ₉ photocatalyst. <i>Journal of Hazardous Materials</i> , 2013, 262, 812-818.	6.5	60
68	Hydroxyl multi-walled carbon nanotube-modified nanocrystalline PbO ₂ anode for removal of pyridine from wastewater. <i>Journal of Hazardous Materials</i> , 2017, 327, 144-152.	6.5	60
69	Removal of trace naproxen from aqueous solution using a laboratory-scale reactive flow-through membrane electrode. <i>Journal of Hazardous Materials</i> , 2019, 379, 120692.	6.5	60
70	Highly efficient and stable Zr-doped nanocrystalline PbO ₂ electrode for mineralization of perfluorooctanoic acid in a sequential treatment system. <i>Science of the Total Environment</i> , 2017, 579, 1600-1607.	3.9	58
71	Electrochemical degradation of sunscreen agent benzophenone-3 and its metabolite by Ti/SnO ₂ -Sb/Ce-PbO ₂ anode: Kinetics, mechanism, toxicity and energy consumption. <i>Science of the Total Environment</i> , 2019, 688, 75-82.	3.9	58
72	Potential of Crystalline and Amorphous Ferric Oxides for Biostimulation of Anaerobic Digestion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 697-708.	3.2	58

#	ARTICLE	IF	CITATIONS
73	Photodegradation of PCDD/Fs adsorbed on spruce (<i>Picea abies</i> (L.) Karst.) needles under sunlight irradiation. <i>Chemosphere</i> , 2003, 50, 1217-1225.	4.2	56
74	Remobilization of polycyclic aromatic hydrocarbons during the resuspension of Yangtze River sediments using a particle entrainment simulator. <i>Environmental Pollution</i> , 2007, 149, 193-200.	3.7	56
75	Evaluating the sub-lethal toxicity of PFOS and PFOA using rotifer <i>Brachionus calyciflorus</i> . <i>Environmental Pollution</i> , 2013, 180, 34-40.	3.7	56
76	Synergistic Photogeneration of Reactive Oxygen Species by Dissolved Organic Matter and C_{60} in Aqueous Phase. <i>Environmental Science & Technology</i> , 2015, 49, 965-973.	4.6	56
77	Porous Ti/SnO ₂ -Sb anode as reactive electrochemical membrane for removing trace antiretroviral drug stavudine from wastewater. <i>Environment International</i> , 2019, 133, 105157.	4.8	56
78	Photochemical Transformation and Photoinduced Toxicity Reduction of Silver Nanoparticles in the Presence of Perfluorocarboxylic Acids under UV Irradiation. <i>Environmental Science & Technology</i> , 2014, 48, 4946-4953.	4.6	55
79	Electrochemically enhanced removal of perfluorinated compounds (PFCs) from aqueous solution by CNTs-graphene composite electrode. <i>Chemical Engineering Journal</i> , 2017, 328, 228-235.	6.6	55
80	Effective degradation of aqueous carbamazepine on a novel blue-colored TiO ₂ nanotube arrays membrane filter anode. <i>Journal of Hazardous Materials</i> , 2021, 402, 123530.	6.5	54
81	Influence of dissolved organic matter on photogenerated reactive oxygen species and metal-oxide nanoparticle toxicity. <i>Water Research</i> , 2016, 98, 9-18.	5.3	53
82	Comparative toxicity of Cd, Mo, and W sulphide nanomaterials toward <i>E. Coli</i> under UV irradiation. <i>Environmental Pollution</i> , 2017, 224, 606-614.	3.7	53
83	A reactive electrochemical filter system with an excellent penetration flux porous Ti/SnO ₂ -Sb filter for efficient contaminant removal from water. <i>RSC Advances</i> , 2018, 8, 13933-13944.	1.7	53
84	High-efficiency electrochemical degradation of antiviral drug abacavir using a penetration flux porous Ti/SnO ₂ -Sb anode. <i>Chemosphere</i> , 2019, 225, 304-310.	4.2	53
85	Enhanced perfluorooctanoic acid degradation by electrochemical activation of peroxymonosulfate in aqueous solution. <i>Environment International</i> , 2020, 137, 105562.	4.8	53
86	Tuning the oxygen evolution reaction on a nickel-iron alloy <i>via</i> active straining. <i>Nanoscale</i> , 2019, 11, 426-430.	2.8	52
87	Pollution assessment and source identifications of polycyclic aromatic hydrocarbons in sediments of the Yellow River Delta, a newly born wetland in China. <i>Environmental Monitoring and Assessment</i> , 2009, 158, 561-571.	1.3	51
88	Oxidative dissolution of polymer-coated CdSe/ZnS quantum dots under UV irradiation: Mechanisms and kinetics. <i>Environmental Pollution</i> , 2012, 164, 259-266.	3.7	51
89	Microbial community evolution of black and stinking rivers during in situ remediation through micro-nano bubble and submerged resin floating bed technology. <i>Bioresource Technology</i> , 2018, 258, 187-194.	4.8	51
90	Electrochemical decomposition of PPCPs on hydrophobic Ti/SnO ₂ -Sb/La-PbO ₂ anodes: Relationship between surface hydrophobicity and decomposition performance. <i>Chemical Engineering Journal</i> , 2022, 429, 132309.	6.6	51

#	ARTICLE	IF	CITATIONS
91	Spatial and seasonal distribution of organochlorine pesticides in the sediments of the Yangtze Estuary. <i>Chemosphere</i> , 2014, 114, 233-240.	4.2	49
92	Promoting nitrogen removal during Fe(III) reduction coupled to anaerobic ammonium oxidation (Feammox) by adding anthraquinone-2,6-disulfonate (AQDS). <i>Environmental Pollution</i> , 2019, 247, 973-979.	3.7	48
93	Photolysis of polycyclic aromatic hydrocarbons associated with fly ash particles under simulated sunlight irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 93-98.	2.0	47
94	Immobilization of horseradish peroxidase by electrospun fibrous membranes for adsorption and degradation of pentachlorophenol in water. <i>Journal of Hazardous Materials</i> , 2013, 246-247, 119-125.	6.5	47
95	Synthesis of direct Z-Scheme Bi ₃ TaO ₇ /CdS composite photocatalysts with enhanced photocatalytic performance for ciprofloxacin degradation under visible light irradiation. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155061.	2.8	47
96	Distribution and Sources of Organochlorine Pesticides in Sediments from Typical Catchment of the Yangtze River, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 303-312.	2.1	46
97	A high activity of Ti/SnO ₂ -Sb electrode in the electrochemical degradation of 2,4-dichlorophenol in aqueous solution. <i>Journal of Environmental Sciences</i> , 2013, 25, 1424-1430.	3.2	46
98	Investigation of chemical-less UVC/VUV process for advanced oxidation of sulfamethoxazole in aqueous solutions: Evaluation of operational variables and degradation mechanism. <i>Separation and Purification Technology</i> , 2018, 190, 90-99.	3.9	46
99	Transformation of ¹⁴ C-labeled Graphene to ¹⁴ CO ₂ in the Shoots of a Rice Plant. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9759-9763.	7.2	46
100	Sorption of polycyclic aromatic hydrocarbons on electrospun nanofibrous membranes: Sorption kinetics and mechanism. <i>Journal of Hazardous Materials</i> , 2011, 192, 1409-1417.	6.5	45
101	Degradation of nitrobenzene by synchronistic oxidation and reduction in an internal circulation microelectrolysis reactor. <i>Journal of Hazardous Materials</i> , 2019, 365, 448-456.	6.5	45
102	Biomass-based porous carbon/graphene self-assembled composite aerogels for high-rate performance supercapacitor. <i>Journal of Cleaner Production</i> , 2021, 315, 128110.	4.6	45
103	Quantitative structure–property relationships on photolysis of PCDD/Fs adsorbed to spruce (Picea) Tj ETQq1 1 0.784314 rgBT /Over	4.2	43
104	Laccase-carrying electrospun fibrous membrane for the removal of polycyclic aromatic hydrocarbons from contaminated water. <i>Separation and Purification Technology</i> , 2013, 104, 1-8.	3.9	43
105	Enhanced visible-light-driven photocatalytic degradation of tetracycline by 16% Er ³⁺ -Bi ₂ WO ₆ photocatalyst. <i>Journal of Hazardous Materials</i> , 2022, 422, 126920.	6.5	43
106	Electrocoagulation mechanism of perfluorooctanoate (PFOA) on a zinc anode: Influence of cathodes and anions. <i>Science of the Total Environment</i> , 2016, 557-558, 542-550.	3.9	42
107	Ti ₃ C ₂ MXene-induced interface electron separation in g-C ₃ N ₄ /Ti ₃ C ₂ MXene/MoSe ₂ Z-scheme heterojunction for enhancing visible light-irradiated enoxacin degradation. <i>Separation and Purification Technology</i> , 2021, 275, 119194.	3.9	42
108	Historical deposition behaviors of PAHs in the Yangtze River Estuary: Role of the sources and water currents. <i>Chemosphere</i> , 2013, 90, 2020-2026.	4.2	41

#	ARTICLE	IF	CITATIONS
109	Interactions between algal (AOM) and natural organic matter (NOM): Impacts on their photodegradation in surface waters. <i>Environmental Pollution</i> , 2018, 242, 1185-1197.	3.7	41
110	Fabrication of Cu/rGO/MoS2 nanohybrid with energetic visible-light response for degradation of rhodamine B. <i>Chinese Chemical Letters</i> , 2019, 30, 2245-2248.	4.8	41
111	Microwave assisted synthesis of phosphorylated PAN fiber for highly efficient and enhanced extraction of U(VI) ions from water. <i>Chemical Engineering Journal</i> , 2020, 392, 123815.	6.6	41
112	Direct Z-scheme Ag3PO4/Bi4Ti3O12 heterojunction with enhanced photocatalytic performance for sulfamethoxazole degradation. <i>Separation and Purification Technology</i> , 2020, 241, 116622.	3.9	40
113	Estimation of gas-phase reaction rate constants of alkylnaphthalenes with chlorine, hydroxyl and nitrate radicals. <i>Chemosphere</i> , 2007, 67, 2028-2034.	4.2	39
114	Preparation of In2S3 nanosheets decorated KNbO3 nanocubes composite photocatalysts with significantly enhanced activity under visible light irradiation. <i>Separation and Purification Technology</i> , 2020, 230, 115861.	3.9	39
115	A novel vacancy-strengthened Z-scheme g-C3N4/Bp/MoS2 composite for super-efficient visible-light photocatalytic degradation of ciprofloxacin. <i>Separation and Purification Technology</i> , 2021, 272, 118891.	3.9	39
116	Performance and mechanisms for removal of perfluorooctanoate (PFOA) from aqueous solution by activated carbon fiber. <i>RSC Advances</i> , 2015, 5, 86927-86933.	1.7	38
117	Kinetic analysis of aerobic biotransformation pathways of a perfluorooctane sulfonate (PFOS) precursor in distinctly different soils. <i>Environmental Pollution</i> , 2017, 229, 159-167.	3.7	38
118	Conflicting Roles of Coordination Number on Catalytic Performance of Single-Atom Pt Catalysts. <i>ACS Catalysis</i> , 2021, 11, 5586-5592.	5.5	38
119	Quantitative structure–property relationships on photodegradation of polybrominated diphenyl ethers. <i>Chemosphere</i> , 2006, 64, 658-665.	4.2	37
120	Toxicity assessment of perfluorinated carboxylic acids (PFCAs) towards the rotifer <i>Brachionus calyciflorus</i> . <i>Science of the Total Environment</i> , 2014, 491-492, 266-270.	3.9	37
121	Directional electron transfer mechanisms with graphene quantum dots as the electron donor for photodecomposition of perfluorooctane sulfonate. <i>Chemical Engineering Journal</i> , 2017, 323, 406-414.	6.6	37
122	Adsorption and transformation of PAHs from water by a laccase-loading spider-type reactor. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 254-260.	6.5	36
123	BiOCl Decorated NaNbO3 Nanocubes: A Novel p-n Heterojunction Photocatalyst With Improved Activity for Ofloxacin Degradation. <i>Frontiers in Chemistry</i> , 2018, 6, 393.	1.8	36
124	Structural Effects of Amines in Enhancing Methanesulfonic Acid-Driven New Particle Formation. <i>Environmental Science & Technology</i> , 2020, 54, 13498-13508.	4.6	36
125	Role of uniform pore structure and high positive charges in the arsenate adsorption performance of Al13-modified montmorillonite. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 317-325.	6.5	35
126	Porous loofah-sponge-like ternary heterojunction g-C3N4/Bi2WO6/MoS2 for highly efficient photocatalytic degradation of sulfamethoxazole under visible-light irradiation. <i>Chemosphere</i> , 2021, 279, 130552.	4.2	35

#	ARTICLE	IF	CITATIONS
127	Photochemical degradation of nebulivolol in different natural organic matter solutions under simulated sunlight irradiation: Kinetics, mechanism and degradation pathway. <i>Water Research</i> , 2020, 173, 115524.	5.3	35
128	Photocatalytic reduction of triclosan on Au@Cu ₂ O nanowire arrays as plasmonic photocatalysts under visible light irradiation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17421-17428.	1.3	34
129	Electrokinetic Enhancement of Water Flux and Ion Rejection through Graphene Oxide/Carbon Nanotube Membrane. <i>Environmental Science & Technology</i> , 2020, 54, 15433-15441.	4.6	33
130	The role of UV-B on the degradation of PCDD/Fs and PAHs sorbed on surfaces of spruce (<i>Picea abies</i> (L.)) Tj ETQq0 0 0 rgBT /Overlock 10	3.9	32
131	Effects of carbonate and organic matter on sorption and desorption behavior of polycyclic aromatic hydrocarbons in the sediments from Yangtze River. <i>Journal of Hazardous Materials</i> , 2008, 154, 811-817.	6.5	32
132	Toxicological assessment of TiO ₂ nanoparticles by recombinant <i>Escherichia coli</i> bacteria. <i>Journal of Environmental Monitoring</i> , 2011, 13, 42-48.	2.1	32
133	The electron structure and photocatalytic activity of Ti(IV) doped Bi ₂ O ₃ . <i>Science China Chemistry</i> , 2011, 54, 180-185.	4.2	32
134	Sedimentary records of metal speciation in the Yangtze Estuary: Role of hydrological events. <i>Chemosphere</i> , 2014, 107, 415-422.	4.2	32
135	Removal of PFAS from aqueous solution using PbO ₂ from lead-acid battery. <i>Chemosphere</i> , 2019, 219, 36-44.	4.2	32
136	Enhanced sorption of perfluorooctane sulfonate (PFOS) on carbon nanotube-filled electrospun nanofibrous membranes. <i>Chemosphere</i> , 2013, 93, 1593-1599.	4.2	31
137	Computer-Based First-Principles Kinetic Modeling of Degradation Pathways and Byproduct Fates in Aqueous-Phase Advanced Oxidation Processes. <i>Environmental Science & Technology</i> , 2014, 48, 5718-5725.	4.6	31
138	Electrochemical Degradation of Triclosan at a Ti/SnO ₂ @Sb/Ce@PbO ₂ Anode. <i>Clean - Soil, Air, Water</i> , 2015, 43, 958-966.	0.7	31
139	Synergistic removal of Cr(VI) and dye contaminants by OD/2D bismuth molybdate homojunction photocatalyst under visible light. <i>Applied Surface Science</i> , 2019, 484, 1080-1088.	3.1	31
140	Green synthesis of high-performance supercapacitor electrode materials from agricultural corncob waste by mild potassium hydroxide soaking and a one-step carbonization. <i>Industrial Crops and Products</i> , 2021, 161, 113215.	2.5	31
141	One-Hundred-Year Sedimentary Record of Polycyclic Aromatic Hydrocarbons in Urban Lake Sediments from Wuhan, Central China. <i>Water, Air, and Soil Pollution</i> , 2011, 217, 577-587.	1.1	30
142	Fabrication of Bi ₂ WO ₆ quantum dots/ultrathin nanosheets OD/2D homojunctions with enhanced photocatalytic activity under visible light irradiation. <i>Chinese Journal of Catalysis</i> , 2018, 39, 1910-1918.	6.9	30
143	In situ synthesis of PPy-FexOy-CTS nanostructured gel membrane for highly efficient solar steam generation. <i>Solar Energy Materials and Solar Cells</i> , 2019, 201, 110046.	3.0	30
144	Electrochemical mineralization mechanisms of perfluorooctanoic acid in water assisted by low frequency ultrasound. <i>Journal of Cleaner Production</i> , 2020, 263, 121546.	4.6	30

#	ARTICLE	IF	CITATIONS
145	Removal of aqueous triclosan using TiO ₂ nanotube arrays reactive membrane by sequential adsorption and electrochemical degradation. <i>Chemical Engineering Journal</i> , 2021, 420, 127615.	6.6	30
146	Preparation and photocatalytic activity of nanoporous zirconia electrospun fiber mats. <i>Materials Letters</i> , 2011, 65, 3131-3133.	1.3	29
147	Electrochemical oxidation of 2,4,5-trichlorophenoxyacetic acid by metal-oxide-coated Ti electrodes. <i>Chemosphere</i> , 2015, 136, 145-152.	4.2	29
148	Full life-cycle toxicity assessment on triclosan using rotifer <i>Brachionus calyciflorus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 30-35.	2.9	28
149	Synergistic effects of multiple heterojunctions significantly enhance the photocatalytic H ₂ evolution rate CdS/La ₂ Ti ₂ O ₇ /NiS ₂ ternary composites. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 19603-19613.	3.8	27
150	Modulating hierarchically microporous biochar via molten alkali treatment for efficient adsorption removal of perfluorinated carboxylic acids from wastewater. <i>Science of the Total Environment</i> , 2021, 757, 143719.	3.9	27
151	Chronic effects of PFOA and PFOS on sexual reproduction of freshwater rotifer <i>Brachionus calyciflorus</i> . <i>Chemosphere</i> , 2014, 114, 114-120.	4.2	26
152	Degradation of a persistent organic pollutant perfluorooctane sulphonate with Ti/SnO ₂ @Sb ₂ O ₅ /PbO ₂ -PTFE anode. <i>Emerging Contaminants</i> , 2020, 6, 44-52.	2.2	26
153	Synergistic effects on d-band center via coordination sites of M-N ₃ P ₁ (M = Co and Ni) in dual single atoms that enhances photocatalytic dechlorination from tetrachlorobisphenol A. <i>Journal of Hazardous Materials</i> , 2022, 430, 128419.	6.5	26
154	Synthesis of LaFeO ₃ /Bi ₃ NbO ₇ p-n heterojunction photocatalysts with enhanced visible-light-responsive activity for photocatalytic reduction of Cr(VI). <i>Journal of Alloys and Compounds</i> , 2020, 815, 152492.	2.8	25
155	Rapid dechlorination of chlorophenols in aqueous solution by [Ni Cu] microcell. <i>Journal of Hazardous Materials</i> , 2012, 209-210, 414-420.	6.5	24
156	Atmospheric oxidation mechanism and kinetics of isoprene initiated by chlorine radicals: A computational study. <i>Science of the Total Environment</i> , 2020, 712, 136330.	3.9	24
157	Electro-oxidation of Ni(II)-citrate complexes at BDD electrode and simultaneous recovery of metallic nickel by electrodeposition. <i>Journal of Environmental Sciences</i> , 2022, 116, 103-113.	3.2	24
158	Size effect of single-walled carbon nanotube on adsorption of perfluorooctanesulfonate. <i>Chemosphere</i> , 2013, 91, 784-790.	4.2	23
159	Carbonization of camphor sulfonic acid and melamine to N,S-co-doped carbon for sulfamethoxazole degradation via persulfate activation: Nonradical dominant pathway. <i>Separation and Purification Technology</i> , 2021, 279, 119723.	3.9	23
160	Insights into mechanism of Fe-dominated active sites via phosphorus bridging in Fe-Ni bimetal single atom photocatalysts. <i>Separation and Purification Technology</i> , 2022, 286, 120443.	3.9	23
161	Effects of Fe ₂ O ₃ , organic matter and carbonate on photocatalytic degradation of lindane in the sediment from the Liao River, China. <i>Chemosphere</i> , 2003, 52, 1749-1755.	4.2	22
162	Insights into the degradation and detoxication mechanisms of aqueous capecitabine in electrochemical oxidation process. <i>Chemosphere</i> , 2020, 241, 125058.	4.2	22

#	ARTICLE	IF	CITATIONS
163	Extensive incorporation of carboxyl groups into g-C ₃ N ₄ by integrated oxygen doping and HNO ₃ oxidation for enhanced catalytic ozonation of para-chlorobenzoic acid and atrazine. <i>Separation and Purification Technology</i> , 2021, 256, 117806.	3.9	22
164	Enhanced decomposition of long-chain perfluorocarboxylic acids (C ₉ ~C ₁₀) by electrochemical activation of peroxymonosulfate in aqueous solution. <i>Science of the Total Environment</i> , 2021, 758, 143666.	3.9	22
165	Insights into the electrochemical degradation of triclosan from human urine: Kinetics, mechanism and toxicity. <i>Chemosphere</i> , 2021, 264, 128598.	4.2	22
166	Temperature-dependent sorption of polycyclic aromatic hydrocarbons on natural and treated sediments. <i>Chemosphere</i> , 2011, 82, 895-900.	4.2	21
167	Effects of dissolved organic matter derived from freshwater and seawater on photodegradation of three antiviral drugs. <i>Environmental Pollution</i> , 2020, 258, 113700.	3.7	21
168	Sorption of triclosan on electrospun fibrous membranes: Effects of pH and dissolved organic matter. <i>Emerging Contaminants</i> , 2015, 1, 25-32.	2.2	20
169	Advanced oxidation of formaldehyde in aqueous solution using the chemical-less UVC/VUV process: Kinetics and mechanism evaluation. <i>Journal of Water Process Engineering</i> , 2019, 27, 120-125.	2.6	20
170	Degradation of anticancer drug capecitabine in aquatic media by three advanced oxidation processes: Mechanisms, toxicity changes and energy cost evaluation. <i>Chemical Engineering Journal</i> , 2021, 413, 127489.	6.6	20
171	Atmospheric Chemistry of Allylic Radicals from Isoprene: A Successive Cyclization-Driven Autoxidation Mechanism. <i>Environmental Science & Technology</i> , 2021, 55, 4399-4409.	4.6	20
172	Design of visible light responsive photocatalysts for selective reduction of chlorinated organic compounds in water. <i>Applied Catalysis A: General</i> , 2016, 521, 90-95.	2.2	19
173	Transformation of ¹⁴ C-labeled Graphene to ¹⁴ CO ₂ in the Shoots of a Rice Plant. <i>Angewandte Chemie</i> , 2018, 130, 9907-9911.	1.6	19
174	Oxygen vacancy confining effect on photocatalytic efficiency of Pt ₁ -black TiO ₂ single-atom photocatalysts for hydrogen generation and phenol decomposition. <i>Environmental Chemistry Letters</i> , 2021, 19, 1815-1821.	8.3	19
175	Photodegradation of three antidepressants in natural waters: Important roles of dissolved organic matter and nitrate. <i>Science of the Total Environment</i> , 2022, 802, 149825.	3.9	19
176	Ammonia adsorption and nitrification in sediments derived from the Three Gorges Reservoir, China. <i>Environmental Earth Sciences</i> , 2010, 60, 1653-1660.	1.3	18
177	Electrochemical degradation of tris(2-chloroethyl) phosphate by metal-oxide-coated Ti anodes: Kinetics, toxicity and mechanism. <i>Separation and Purification Technology</i> , 2021, 265, 118489.	3.9	18
178	Prediction of Biodegradation Rate Constants of Hydroxylated Polychlorinated Biphenyls by Fungal Laccases from <i>Trametes versicolor</i> and <i>Pleurotus ostreatus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 1-6.	1.3	17
179	Treatment of Ni-EDTA containing wastewater by electrochemical degradation using Ti ³⁺ self-doped TiO ₂ nanotube arrays anode. <i>Chemosphere</i> , 2021, 278, 130465.	4.2	17
180	Molecular structural characteristics governing biocatalytic oxidation of PAHs with hemoglobin. <i>Environmental Toxicology and Pharmacology</i> , 2004, 18, 39-45.	2.0	16

#	ARTICLE	IF	CITATIONS
181	Crystalline transformation and photocatalytic performance of Bi ₂ O ₃ by yttrium doping. <i>Materials Letters</i> , 2013, 92, 372-375.	1.3	16
182	Electrochemical Degradation of Rhodamine B over Ti/SnO ₂ @Sb Electrode. <i>Water Environment Research</i> , 2015, 87, 304-311.	1.3	16
183	Aerobic degradation of aqueous pollutants with nanoscale zero-valent aluminum in alkaline condition: Performance and mechanism especially at particle surface. <i>Journal of Cleaner Production</i> , 2020, 244, 118905.	4.6	16
184	The role of sediment resuspension duration in release of PAHs. <i>Science Bulletin</i> , 2008, 53, 2777-2782.	4.3	15
185	Polychlorinated Biphenyls in Urban Lake Sediments from Wuhan, Central China: Occurrence, Composition, and Sedimentary Record. <i>Journal of Environmental Quality</i> , 2009, 38, 1441-1448.	1.0	15
186	Distribution characteristics of phenanthrene in the water, suspended particles and sediments from Yangtze River under hydrodynamic conditions. <i>Journal of Hazardous Materials</i> , 2009, 165, 441-446.	6.5	15
187	Effects of nitrate and humic acid on enrofloxacin photolysis in an aqueous system under three light conditions: kinetics and mechanism. <i>Environmental Chemistry</i> , 2014, 11, 333.	0.7	15
188	A three-dimensional self-standing Mo ₂ C/nitrogen-doped graphene aerogel: Enhancement hydrogen production from landfill leachate wastewater in MFCs-AEC coupled system. <i>Environmental Research</i> , 2020, 184, 109283.	3.7	15
189	Total oxidisable precursor assay towards selective detection of PFAS in AFFF. <i>Journal of Cleaner Production</i> , 2021, 328, 129568.	4.6	15
190	Ultralong-lifetime Ti/RuO ₂ @IrO ₂ /Pt anodes with a strong metal-support interaction for efficient electrochemical mineralization of perfluorooctanoic acid. <i>Nanoscale</i> , 2022, 14, 3579-3588.	2.8	15
191	Controlled synthesis of water-soluble Pt nanoclusters and their co-catalysis with RuO ₂ /IrO ₂ for electrochemical degradation of tetracycline. <i>Separation and Purification Technology</i> , 2022, 295, 121323.	3.9	15
192	Efficient electrocatalysis for denitrification by using TiO ₂ nanotube arrays cathode and adding chloride ions. <i>Chemosphere</i> , 2021, 274, 129706.	4.2	14
193	Sorption mechanisms of coexisting PAHs on sediment organic fractions. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 576-581.	2.2	13
194	Self-template bagasse-based porous carbons for high performance supercapacitors. <i>Industrial Crops and Products</i> , 2022, 176, 114291.	2.5	13
195	Bicarbonate enhancing electrochemical degradation of antiviral drug lamivudine in aqueous solution. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113314.	1.9	12
196	Elucidating the Role of Single-Atom Pd for Electrocatalytic Hydrodechlorination. <i>Environmental Science & Technology</i> , 2021, 55, 13306-13316.	4.6	12
197	Synchronous mineralization of three aqueous non-steroidal anti-inflammatory drugs in electrochemical advanced oxidation process. <i>Chinese Chemical Letters</i> , 2022, 33, 3701-3704.	4.8	12
198	Formation of stable imine intermediates in the coexistence of sulfamethoxazole and humic acid by electrochemical oxidation. <i>Journal of Hazardous Materials</i> , 2022, 427, 128166.	6.5	12

#	ARTICLE	IF	CITATIONS
199	Alginate affects agglomeration state and uptake of ¹⁴ C-labeled few-layer graphene by freshwater snails: Implications for the environmental fate of graphene in aquatic systems. <i>Environmental Pollution</i> , 2018, 234, 513-522.	3.7	11
200	Insights into electrochemical decomposition mechanism of lipopolysaccharide using TiO ₂ nanotubes arrays electrode. <i>Journal of Hazardous Materials</i> , 2020, 391, 122259.	6.5	11
201	Role of hydrogen bond capacity of solvents in reactions of amines with CO ₂ : A computational study. <i>Journal of Environmental Sciences</i> , 2020, 91, 271-278.	3.2	11
202	Photodegradation of acebutolol in natural waters: Important roles of carbonate radical and hydroxyl radical. <i>Chemosphere</i> , 2022, 287, 132318.	4.2	11
203	Understanding of the Dual Roles of Phosphorus in Atomically Distributed Fe/Co-N ₄ P ₂ over Carbon Nitride for Photocatalytic Debromination from Tetrabromobisphenol A. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5376-5383.	4.0	11
204	Quantitative structure-activity relationships for prediction of the toxicity of hydroxylated and quinoid PCB metabolites. <i>Journal of Molecular Modeling</i> , 2006, 13, 163-169.	0.8	10
205	Sorption of Perfluorooctane Sulfonate (PFOS) on Electrospun Fiber Membranes. <i>Procedia Environmental Sciences</i> , 2013, 18, 472-477.	1.3	10
206	Effect of aqueous media on the copper-ion-mediated phototoxicity of CuO nanoparticles toward green fluorescent protein-expressing <i>Escherichia coli</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 238-244.	2.9	10
207	An efficient reduction of unsaturated bonds and halogen-containing groups by nascent hydrogen over Raney Ni catalyst. <i>Journal of Hazardous Materials</i> , 2020, 389, 121912.	6.5	10
208	Degradation of florfenicol in a flow-through electro-Fenton system enhanced by wood-derived block carbon (WBC) cathode. <i>Chinese Chemical Letters</i> , 2022, 33, 4740-4745.	4.8	10
209	QSARs on photodegradation half-lives of atmospheric chlorinated polycyclic aromatic hydrocarbons associated with particulates. <i>Ecotoxicology and Environmental Safety</i> , 2007, 66, 272-277.	2.9	9
210	A QSAR Model for Predicting Mutagenicity of Nitronaphthalenes and Methylnitronaphthalenes. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 498-502.	1.3	9
211	Advanced oxidation processes for removal of organics from cooling tower blowdown: Efficiencies and evaluation of chlorinated species. <i>Separation and Purification Technology</i> , 2021, 278, 119537.	3.9	9
212	Kinetics and Quantitative Structure-Activity Relationship Study on the Degradation Reaction from Perfluorooctanoic Acid to Trifluoroacetic Acid. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14153-14165.	1.8	8
213	Efficient and Stable Photocatalytic Hydrogen Evolution Activity of Multi-Heterojunction Composite Photocatalysts: CdS and NiS ₂ Co-modified NaNbO ₃ Nanocubes. <i>Frontiers in Chemistry</i> , 2019, 7, 880.	1.8	8
214	Ultrasonication-Enhanced Reduction of Tetrabromobisphenol A by Activating Nascent H ₂ on Raney Ni Catalyst: Kinetics, Mechanisms, and Hydrogenation Pathways. <i>ACS ES&T Engineering</i> , 2021, 1, 884-894.	3.7	8
215	Mechanism of bicarbonate enhancing the photodegradation of β -blockers in natural waters. <i>Water Research</i> , 2021, 197, 117078.	5.3	8
216	Dichlorine radicals (Cl ₂ ^{••}) promote the photodegradation of propranolol in estuarine and coastal waters. <i>Journal of Hazardous Materials</i> , 2021, 414, 125536.	6.5	8

#	ARTICLE	IF	CITATIONS
217	Liquid-phase hydrodechlorination of trichloroethylene driven by nascent H ₂ under an open system: Hydrogenation activity, solvent effect and sulfur poisoning. <i>Journal of Environmental Sciences</i> , 2021, 108, 96-106.	3.2	8
218	Functional bacteria as potential indicators of water quality in Three Gorges Reservoir, China. <i>Environmental Monitoring and Assessment</i> , 2010, 163, 607-617.	1.3	7
219	Sunlight irradiation triggers changes in the fouling potentials of natural dissolved organic matter. <i>Science of the Total Environment</i> , 2018, 627, 227-234.	3.9	7
220	Structural parameter optimization for novel internal-loop iron-carbon micro-electrolysis reactors using computational fluid dynamics. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 737-744.	1.7	7
221	Synergistic enhancement of piezocatalysis and electrochemical oxidation for the degradation of ciprofloxacin by PbO ₂ intercalation material. <i>Separation and Purification Technology</i> , 2022, 297, 121528.	3.9	7
222	Distribution and Transformation of Nutrients and Eutrophication in Large-scale Lakes and Reservoirs. <i>Advanced Topics in Science and Technology in China</i> , 2013, , .	0.0	6
223	Photocatalytic degradation of fipronil in water by silver-modified lithium vanadium phosphate spheres under visible light irradiation. <i>Science China Chemistry</i> , 2015, 58, 1912-1917.	4.2	6
224	Numerical simulation of the hydrodynamic behavior and the synchronistic oxidation and reduction in an internal circulation micro-electrolysis reactor. <i>Chemical Engineering Journal</i> , 2020, 381, 122709.	6.6	6
225	Construction of Fe ²⁺ /Fe ³⁺ cycle system at dual-defective carbon nitride interfaces for photogenerated electron utilization. <i>Separation and Purification Technology</i> , 2022, 285, 120357.	3.9	6
226	Coupling O ₂ and K ₂ S ₂ O ₈ Dual Co-reactant with Fe-Ni Modified Electrode for Ultrasensitive Electrochemiluminescence Signal Amplification. <i>ChemistrySelect</i> , 2019, 4, 1673-1680.	0.7	5
227	Photodegradation of propranolol in surface waters: An important role of carbonate radical and enhancing toxicity phenomenon. <i>Chemosphere</i> , 2022, 297, 134106.	4.2	5
228	Efficient hydrogenation of p-chlorophenol and Cr(VI) driven by hydrogen rich balls over Pd/C catalysts. <i>Journal of Hazardous Materials</i> , 2022, 437, 129434.	6.5	5
229	Preparation and Photocatalytic Activity of Ag Modified Ti-Doped-Bi ₂ O ₃ Photocatalyst. <i>Advances in Condensed Matter Physics</i> , 2014, 1-6.	0.4	4
230	Regeneration of porous electrospun membranes embedding alumina nanoparticles saturated with minocycline by UV radiation. <i>Chemosphere</i> , 2019, 237, 124495.	4.2	4
231	Utilizing transparent and conductive SnO ₂ as electron mediator to enhance the photocatalytic performance of Z-scheme Si-SnO ₂ -TiO _x . <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	4
232	Raney nickel coupled nascent hydrogen as a novel strategy for enhanced reduction of nitrate and nitrite. <i>Chemosphere</i> , 2021, 263, 128187.	4.2	4
233	Micelles inhibit electro-oxidation degradation of nonylphenol ethoxylates. <i>Chemical Engineering Journal</i> , 2022, 430, 133167.	6.6	3
234	Synthesis of hollow sphere-like mesoporous silica with reformer naphtha as a swelling agent. <i>Materials Letters</i> , 2009, 63, 2212-2214.	1.3	1

#	ARTICLE	IF	CITATIONS
235	Photocatalytic Degradation of Crystal Violet Using Prepared Bismuth Titanate Mixed Oxide. , 2009, , .		0
236	Reply to Comment on "Photolysis of Enrofloxacin in aqueous systems under simulated sunlight irradiation: Kinetics, mechanism and toxicity of photolysis products" [Li et al., Chemosphere 85 (2011) 892-897]. Chemosphere, 2013, 92, 1581-1584.	4.2	0
237	Hydrodynamic Effects. Advanced Topics in Science and Technology in China, 2013, , 43-66.	0.0	0