

# Chuanping Feng

## List of Publications by Year in descending order

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242  
papers

9,899  
citations

28274  
55  
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54911  
84  
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244  
all docs

244  
docs citations

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times ranked

8227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous reduction of vanadium (V) and chromium (VI) with enhanced energy recovery based on microbial fuel cell technology. <i>Journal of Power Sources</i> , 2012, 204, 34-39.	7.8	276
2	Efficient electrochemical reduction of nitrate to nitrogen using Ti/IrO <sub>2</sub> -Pt anode and different cathodes. <i>Electrochimica Acta</i> , 2009, 54, 4600-4606.	5.2	220
3	Development of a high performance electrochemical wastewater treatment system. <i>Journal of Hazardous Materials</i> , 2003, 103, 65-78.	12.4	211
4	Simultaneous reduction of nitrate and oxidation of by-products using electrochemical method. <i>Journal of Hazardous Materials</i> , 2009, 171, 724-730.	12.4	194
5	Immobilization of heavy metals in sewage sludge by using subcritical water technology. <i>Bioresource Technology</i> , 2013, 137, 18-24.	9.6	181
6	Nitrate removal from groundwater by cooperating heterotrophic with autotrophic denitrification in a biofilm-electrode reactor. <i>Journal of Hazardous Materials</i> , 2011, 192, 1033-1039.	12.4	176
7	Electrochemical degradation of phenol using electrodes of Ti/RuO <sub>2</sub> -Pt and Ti/IrO <sub>2</sub> -Pt. <i>Journal of Hazardous Materials</i> , 2009, 162, 455-462.	12.4	162
8	Pretreatment of anaerobic digestion effluent with ammonia stripping and biogas purification. <i>Journal of Hazardous Materials</i> , 2007, 145, 391-397.	12.4	155
9	Treatment of nitrate contaminated water using an electrochemical method. <i>Bioresource Technology</i> , 2010, 101, 6553-6557.	9.6	154
10	Adsorption for phosphate by crosslinked/non-crosslinked-chitosan-Fe(III) complex sorbents: Characteristic and mechanism. <i>Chemical Engineering Journal</i> , 2018, 353, 361-372.	12.7	144
11	Denitrification of nitrate contaminated groundwater with a fiber-based biofilm reactor. <i>Bioresource Technology</i> , 2009, 100, 2223-2227.	9.6	133
12	Bacterial Communities in the Sediments of Dianchi Lake, a Partitioned Eutrophic Waterbody in China. <i>PLoS ONE</i> , 2012, 7, e37796.	2.5	131
13	Investigations on the batch and fixed-bed column performance of fluoride adsorption by Kanuma mud. <i>Desalination</i> , 2011, 268, 76-82.	8.2	124
14	Pyrite-based autotrophic denitrification for remediation of nitrate contaminated groundwater. <i>Bioresource Technology</i> , 2014, 173, 117-123.	9.6	121
15	Fluoride removal from water by granular ceramic adsorption. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 579-584.	9.4	120
16	Nitrate adsorption from aqueous solution using granular chitosan-Fe <sup>3+</sup> complex. <i>Applied Surface Science</i> , 2015, 347, 1-9.	6.1	120
17	Woodchip-sulfur based heterotrophic and autotrophic denitrification (WSHAD) process for nitrate contaminated water remediation. <i>Water Research</i> , 2016, 89, 171-179.	11.3	119
18	Behavior of autotrophic denitrification and heterotrophic denitrification in an intensified biofilm-electrode reactor for nitrate-contaminated drinking water treatment. <i>Bioresource Technology</i> , 2012, 107, 159-165.	9.6	108

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19	Preparation and characterization of porous granular ceramic containing dispersed aluminum and iron oxides as adsorbents for fluoride removal from aqueous solution. <i>Journal of Hazardous Materials</i> , 2011, 186, 863-868.	12.4	107
20	Synergistic effect of rice husk addition on hydrothermal treatment of sewage sludge: Fate and environmental risk of heavy metals. <i>Bioresource Technology</i> , 2013, 149, 496-502.	9.6	106
21	Review on electrochemical system for landfill leachate treatment: Performance, mechanism, application, shortcoming, and improvement scheme. <i>Science of the Total Environment</i> , 2020, 745, 140768.	8.0	99
22	Enhancement of bacterial denitrification for nitrate removal in groundwater with electrical stimulation from microbial fuel cells. <i>Journal of Power Sources</i> , 2014, 268, 423-429.	7.8	96
23	Fluoride removal from aqueous solution by Zirconium-Chitosan/Graphene Oxide Membrane. <i>Reactive and Functional Polymers</i> , 2017, 114, 127-135.	4.1	96
24	Insights into heterotrophic denitrification diversity in wastewater treatment systems: Progress and future prospects based on different carbon sources. <i>Science of the Total Environment</i> , 2021, 780, 146521.	8.0	95
25	Electrochemical reduction of nitrate using various anodes and a Cu/Zn cathode. <i>Electrochemistry Communications</i> , 2009, 11, 1853-1856.	4.7	94
26	Effective adsorption of Cr (VI) from aqueous solution using natural Akadama clay. <i>Journal of Colloid and Interface Science</i> , 2013, 395, 198-204.	9.4	94
27	Comparative investigation on integrated vertical-flow biofilters applying sulfur-based and pyrite-based autotrophic denitrification for domestic wastewater treatment. <i>Bioresource Technology</i> , 2016, 211, 125-135.	9.6	91
28	Chromium removal using a magnetic corncob biochar/polypyrrole composite by adsorption combined with reduction: Reaction pathway and contribution degree. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 556, 201-209.	4.7	91
29	Water disinfection by electrochemical treatment. <i>Bioresource Technology</i> , 2004, 94, 21-25.	9.6	90
30	An excellent fluoride sorption behavior of ceramic adsorbent. <i>Journal of Hazardous Materials</i> , 2010, 183, 460-465.	12.4	90
31	Characteristics of heterotrophic/biofilm-electrode autotrophic denitrification for nitrate removal from groundwater. <i>Bioresource Technology</i> , 2013, 148, 121-127.	9.6	89
32	Enhanced microbial reduction of vanadium (V) in groundwater with bioelectricity from microbial fuel cells. <i>Journal of Power Sources</i> , 2015, 287, 43-49.	7.8	80
33	A study of the mechanism of fluoride adsorption from aqueous solutions onto Fe-impregnated chitosan. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12041-12050.	2.8	80
34	Microbial reduction and precipitation of vanadium (V) in groundwater by immobilized mixed anaerobic culture. <i>Bioresource Technology</i> , 2015, 192, 410-417.	9.6	79
35	Hydrogen production by anaerobic co-digestion of rice straw and sewage sludge. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 3142-3149.	7.1	78
36	Antibiotics in coastal water and sediments of the East China Sea: Distribution, ecological risk assessment and indicators screening. <i>Marine Pollution Bulletin</i> , 2020, 151, 110810.	5.0	77

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37	Effects of various organic carbon sources on simultaneous V(V) reduction and bioelectricity generation in single chamber microbial fuel cells. <i>Bioresource Technology</i> , 2016, 201, 105-110.	9.6	74
38	Denitrification behavior and microbial community spatial distribution inside woodchip-based solid-phase denitrification (W-SPD) bioreactor for nitrate-contaminated water treatment. <i>Bioresource Technology</i> , 2018, 249, 869-879.	9.6	74
39	Microbial reduction fate of chromium (Cr) in aqueous solution by mixed bacterial consortium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 763-770.	6.0	74
40	Selective removal of cesium from aqueous solutions with nickel (II) hexacyanoferrate (III) functionalized agricultural residue—walnut shell. <i>Journal of Hazardous Materials</i> , 2014, 270, 187-195.	12.4	72
41	Preparation and characterization of lanthanum(III) loaded granular ceramic for phosphorus adsorption from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 783-789.	5.3	71
42	Simultaneous phosphorus and nitrogen recovery from anaerobically digested sludge using a hybrid system coupling hydrothermal pretreatment with MAP precipitation. <i>Bioresource Technology</i> , 2017, 243, 634-640.	9.6	70
43	Optimization of process parameters for electrochemical nitrate removal using Box—Behnken design. <i>Electrochimica Acta</i> , 2010, 56, 265-270.	5.2	69
44	Mechanisms of Cr(VI) removal by FeCl <sub>3</sub> -modified lotus stem-based biochar (FeCl <sub>3</sub> @LS-BC) using mass-balance and functional group expressions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 551, 17-24.	4.7	67
45	Highly recoverable TiO <sub>2</sub> @GO nanocomposites for stormwater disinfection. <i>Water Research</i> , 2016, 94, 363-370.	11.3	66
46	Volatile fatty acids (VFAs) production from swine manure through short-term dry anaerobic digestion and its separation from nitrogen and phosphorus resources in the digestate. <i>Water Research</i> , 2016, 90, 344-353.	11.3	66
47	Polypyrrole-grafted peanut shell biological carbon as a potential sorbent for fluoride removal: Sorption capability and mechanism. <i>Chemosphere</i> , 2016, 163, 81-89.	8.2	65
48	Behavior of solid carbon sources for biological denitrification in groundwater remediation. <i>Water Science and Technology</i> , 2012, 65, 1696-1704.	2.5	63
49	Performance of sequencing batch biofilm reactors with different control systems in treating synthetic municipal wastewater. <i>Bioresource Technology</i> , 2012, 104, 12-18.	9.6	63
50	Study on a fixed zeolite bioreactor for anaerobic digestion of ammonium-rich swine wastes. <i>Bioresource Technology</i> , 2011, 102, 7064-7068.	9.6	62
51	Adsorption of high ammonium nitrogen from wastewater using a novel ceramic adsorbent and the evaluation of the ammonium-adsorbed-ceramic as fertilizer. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 264-270.	9.4	62
52	Simultaneous microbial and electrochemical reductions of vanadium (V) with bioelectricity generation in microbial fuel cells. <i>Bioresource Technology</i> , 2015, 179, 91-97.	9.6	60
53	A graphene oxide nanosheet-modified Ti nanocomposite electrode with enhanced electrochemical property and stability for nitrate reduction. <i>Chemical Engineering Journal</i> , 2018, 348, 171-179.	12.7	60
54	Studies on fluoride adsorption of iron-impregnated granular ceramics from aqueous solution. <i>Materials Chemistry and Physics</i> , 2011, 125, 293-298.	4.0	59

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55	Inhibition of the growth of two blue-green algae species ( <i>Microcystis aruginosa</i> and <i>Anabaena</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 5742-5748.	9.6	59
56	Effect of oyster shell medium and organic substrate on the performance of a particulate pyrite autotrophic denitrification (PPAD) process. <i>Bioresource Technology</i> , 2017, 244, 296-303.	9.6	59
57	Fractal-like kinetics of adsorption on heterogeneous surfaces in the fixed-bed column. <i>Chemical Engineering Journal</i> , 2019, 358, 1471-1478.	12.7	59
58	Identification of removal principles and involved bacteria in microbial fuel cells for sulfide removal and electricity generation. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 14348-14355.	7.1	58
59	Effect of electro-stimulation on activity of heterotrophic denitrifying bacteria and denitrification performance. <i>Bioresource Technology</i> , 2015, 196, 123-128.	9.6	57
60	Insights into mathematical characteristics of adsorption models and physical meaning of corresponding parameters. <i>Journal of Molecular Liquids</i> , 2018, 254, 20-25.	4.9	57
61	Utilization of single-chamber microbial fuel cells as renewable power sources for electrochemical degradation of nitrogen-containing organic compounds. <i>Chemical Engineering Journal</i> , 2015, 280, 99-105.	12.7	56
62	Microbial vanadium (V) reduction in groundwater with different soils from vanadium ore mining areas. <i>Chemosphere</i> , 2018, 202, 272-279.	8.2	56
63	Degradation of phenol by a combined independent photocatalytic and electrochemical process. <i>Chemical Engineering Journal</i> , 2011, 175, 349-355.	12.7	55
64	Heavy metal ions removal from aqueous solution by xanthate-modified cross-linked magnetic chitosan/poly(vinyl alcohol) particles. <i>RSC Advances</i> , 2017, 7, 27992-28000.	3.6	55
65	Research on efficient denitrification system based on banana peel waste in sequencing batch reactors: Performance, microbial behavior and dissolved organic matter evolution. <i>Chemosphere</i> , 2020, 253, 126693.	8.2	54
66	Electrochemical regeneration of zeolites and the removal of ammonia. <i>Journal of Hazardous Materials</i> , 2009, 169, 746-750.	12.4	52
67	Domestic sewage treatment in a sequencing batch biofilm reactor (SBBR) with an intelligent controlling system. <i>Desalination</i> , 2011, 276, 260-265.	8.2	52
68	Electrochemical decolorization of methyl orange powered by bioelectricity from single-chamber microbial fuel cells. <i>Bioresource Technology</i> , 2015, 181, 360-362.	9.6	52
69	Electrochemical depassivation for recovering Fe <sub>0</sub> reactivity by Cr(VI) removal with a permeable reactive barrier system. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 355-360.	12.4	51
70	Research on complexation ability, aromaticity, mobility and cytotoxicity of humic-like substances during degradation process by electrochemical oxidation. <i>Environmental Pollution</i> , 2019, 251, 811-820.	7.5	50
71	Investigation and optimization of the novel UASB-MFC integrated system for sulfate removal and bioelectricity generation using the response surface methodology (RSM). <i>Bioresource Technology</i> , 2012, 124, 1-7.	9.6	49
72	Optimization of C/N and current density in a heterotrophic/biofilm-electrode autotrophic denitrification reactor (HAD-BER). <i>Bioresource Technology</i> , 2014, 171, 389-395.	9.6	49

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73	Degradation of microcystin-LR by highly efficient AgBr/Ag <sub>3</sub> PO <sub>4</sub> /TiO <sub>2</sub> heterojunction photocatalyst under simulated solar light irradiation. <i>Applied Surface Science</i> , 2015, 325, 1-12.	6.1	49
74	Treatment of organic wastewater containing nitrogen and chlorine by combinatorial electrochemical system: Taking biologically treated landfill leachate treatment as an example. <i>Chemical Engineering Journal</i> , 2019, 364, 349-360.	12.7	49
75	Performance and mechanism of fluoride adsorption from groundwater by lanthanum-modified pomelo peel biochar. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15326-15335.	5.3	48
76	Impact of electro-stimulation on denitrifying bacterial growth and analysis of bacterial growth kinetics using a modified Gompertz model in a bio-electrochemical denitrification reactor. <i>Bioresource Technology</i> , 2017, 232, 344-353.	9.6	47
77	Effect of Fe(II) on reactivity of heterotrophic denitrifiers in the remediation of nitrate- and Fe(II)-contaminated groundwater. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 437-445.	6.0	47
78	Fluoride removal on Fe-Al-impregnated granular ceramic adsorbent from aqueous solution. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 609-617.	4.1	44
79	Treatment of nitrate-contaminated groundwater by heterotrophic denitrification coupled with electro-autotrophic denitrifying packed bed reactor. <i>Biochemical Engineering Journal</i> , 2018, 134, 12-21.	3.6	44
80	Performance of magnetically recoverable core-shell Fe <sub>3</sub> O <sub>4</sub> @Ag <sub>3</sub> PO <sub>4</sub> /AgCl for photocatalytic removal of methylene blue under simulated solar light. <i>Catalysis Communications</i> , 2013, 38, 26-30.	3.3	43
81	Comparison of particulate pyrite autotrophic denitrification (PPAD) and sulfur oxidizing denitrification (SOD) for treatment of nitrified wastewater. <i>Water Science and Technology</i> , 2017, 75, 239-246.	2.5	43
82	Xanthate-modified magnetic chitosan/poly (vinyl alcohol) adsorbent: Preparation, characterization, and performance of Pb(II) removal from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 485-492.	5.3	43
83	Research on the treatment of biologically treated landfill leachate by joint electrochemical system. <i>Waste Management</i> , 2018, 82, 177-187.	7.4	43
84	Electrochemical nitrate removal with simultaneous magnesium recovery from a mimicked RO brine assisted by in situ chloride ions. <i>Journal of Hazardous Materials</i> , 2020, 388, 122085.	12.4	42
85	Soil infiltration bioreactor incorporated with pyrite-based (mixotrophic) denitrification for domestic wastewater treatment. <i>Bioresource Technology</i> , 2015, 187, 14-22.	9.6	41
86	Effect of potassium on nitrate removal from groundwater in agricultural waste-based heterotrophic denitrification system. <i>Science of the Total Environment</i> , 2020, 703, 134830.	8.0	41
87	Nitrate removal efficiency of a mixotrophic denitrification wall for nitrate-polluted groundwater in situ remediation. <i>Ecological Engineering</i> , 2017, 106, 523-531.	3.6	40
88	Efficient Removal of Fluoride Using Polypyrrole-Modified Biochar Derived from Slow Pyrolysis of Pomelo Peel: Sorption Capacity and Mechanism. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1559-1572.	5.0	40
89	A novel tablet porous material developed as adsorbent for phosphate removal and recycling. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 197-204.	9.4	39
90	Predicting equilibrium time by adsorption kinetic equations and modifying Langmuir isotherm by fractal-like approach. <i>Journal of Molecular Liquids</i> , 2018, 268, 728-733.	4.9	39

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91	Simultaneous sulfide removal and electricity generation with corn stover biomass as co-substrate in microbial fuel cells. <i>Bioresource Technology</i> , 2013, 138, 198-203.	9.6	38
92	Performance and enhancement mechanism of corncob guiding chromium (VI) bioreduction. <i>Water Research</i> , 2021, 197, 117057.	11.3	38
93	High redox potential promotes oxidation of pyrite under neutral conditions: Implications for optimizing pyrite autotrophic denitrification. <i>Journal of Hazardous Materials</i> , 2021, 416, 125844.	12.4	38
94	Application of simplex-centroid mixture design in developing and optimizing ceramic adsorbent for As(V) removal from water solution. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 115-121.	4.4	37
95	Nickel Oxide Grafted Andic Soil for Efficient Cesium Removal from Aqueous Solution: Adsorption Behavior and Mechanisms. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 10151-10158.	8.0	37
96	Treatment of old landfill leachate by persulfate enhanced electro-coagulation system: Improving organic matters removal and precipitates settling performance. <i>Chemical Engineering Journal</i> , 2021, 424, 130262.	12.7	37
97	Coupling enhancement of Chromium(VI) bioreduction in groundwater by phosphorus minerals. <i>Chemosphere</i> , 2020, 240, 124896.	8.2	36
98	Denitrification of synthetic nitrate-contaminated groundwater combined with rice washing drainage treatment. <i>Ecological Engineering</i> , 2016, 95, 152-159.	3.6	34
99	Development and reaction mechanism of efficient nano titanium electrode: Reconstructed nanostructure and enhanced nitrate removal efficiency. <i>Journal of Electroanalytical Chemistry</i> , 2016, 782, 270-277.	3.8	34
100	Investigation on the adsorption of phosphorus by Fe-loaded ceramic adsorbent. <i>Journal of Colloid and Interface Science</i> , 2016, 464, 277-284.	9.4	34
101	The mechanism of nitrate-Cr(VI) reduction mediated by microbial under different initial pHs. <i>Journal of Hazardous Materials</i> , 2020, 393, 122434.	12.4	34
102	The feasibility of an up-flow partially aerated biological filter (U-PABF) for nitrogen and COD removal from domestic wastewater. <i>Bioresource Technology</i> , 2016, 218, 307-317.	9.6	33
103	Photocatalytic degradation of methylene blue by magnetically recoverable Fe <sub>3</sub> O <sub>4</sub> /Ag <sub>6</sub> Si <sub>2</sub> O <sub>7</sub> under simulated visible light. <i>Powder Technology</i> , 2018, 326, 247-254.	4.2	33
104	Electrochemical reduction of nitrate on boron-doped diamond electrodes: Effects of surface termination and boron-doping level. <i>Chemosphere</i> , 2020, 251, 126364.	8.2	33
105	Electrochemical degradation of geosmin using electrode of Ti/IrO <sub>2</sub> @Pt. <i>Desalination</i> , 2011, 265, 135-139.	8.2	32
106	Study on interaction between phosphorus and cadmium in sewage sludge during hydrothermal treatment by adding hydroxyapatite. <i>Bioresource Technology</i> , 2014, 159, 176-181.	9.6	32
107	Biological denitrification in marine aquaculture systems: A multiple electron donor microcosm study. <i>Bioresource Technology</i> , 2018, 263, 340-349.	9.6	32
108	Ozonation catalyzed by iron- and/or manganese-supported granular activated carbons for the treatment of phenol. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21022-21033.	5.3	32

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109	Biochar stabilized nano zero-valent iron and its removal performance and mechanism of pentavalent vanadium(V(V)). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124882.	4.7	32
110	Optimization of electrochemical ammonia removal using Boxâ€Behnken design. <i>Journal of Electroanalytical Chemistry</i> , 2011, 657, 66-73.	3.8	31
111	A soil infiltration system incorporated with sulfur-utilizing autotrophic denitrification (SISSAD) for domestic wastewater treatment. <i>Bioresource Technology</i> , 2014, 159, 272-279.	9.6	30
112	Degradation of <i>p</i> -nitrophenol by nano-pyrite catalyzed Fenton reaction with enhanced peroxide utilization. <i>RSC Advances</i> , 2020, 10, 15901-15912.	3.6	30
113	Changes in microbial community diversity, composition, and functions upon nitrate and Cr(VI) contaminated groundwater. <i>Chemosphere</i> , 2022, 288, 132476.	8.2	30
114	Bioremediation of nitrate and Fe( <i>ii</i> ) combined contamination in groundwater by heterotrophic denitrifying bacteria and microbial community analysis. <i>RSC Advances</i> , 2016, 6, 108375-108383.	3.6	29
115	Ti nano electrode fabrication for electrochemical denitrification using Boxâ€Behnken design. <i>Journal of Electroanalytical Chemistry</i> , 2016, 773, 13-21.	3.8	29
116	Improvement on Electrochemical Reduction of Nitrate in Synthetic Groundwater by Reducing Anode Surface Area. <i>Journal of the Electrochemical Society</i> , 2017, 164, E103-E112.	2.9	29
117	Feasibility and mechanism of microbial-phosphorus minerals-alginate immobilized particles in bioreduction of hexavalent chromium and synchronous removal of trivalent chromium. <i>Bioresource Technology</i> , 2019, 294, 122213.	9.6	29
118	Roles of functional groups and irons on bromate removal by FeCl <sub>3</sub> modified porous carbon. <i>Applied Surface Science</i> , 2019, 488, 681-687.	6.1	29
119	Effects of levofloxacin exposure on sequencing batch reactor (SBR) behavior and microbial community changes. <i>Science of the Total Environment</i> , 2019, 672, 227-238.	8.0	29
120	Microbial removal of vanadium (V) from groundwater by sawdust used as a sole carbon source. <i>Science of the Total Environment</i> , 2021, 751, 142161.	8.0	29
121	High efficient bio-denitrification of nitrate contaminated water with low ammonium and sulfate production by a sulfur/pyrite-based bioreactor. <i>Bioresource Technology</i> , 2022, 346, 126669.	9.6	29
122	Simultaneous regeneration of zeolites and removal of ammonia using an electrochemical method. <i>Microporous and Mesoporous Materials</i> , 2010, 127, 161-166.	4.4	28
123	Kinetic and isotherm studies of nitrate adsorption on granular Feâ€Zrâ€chitosan complex and electrochemical reduction of nitrate from the spent regenerant solution. <i>RSC Advances</i> , 2016, 6, 61944-61954.	3.6	28
124	Synthesis of a novel narrow-band-gap iron(II,III) oxide/titania/silver silicate nanocomposite as a highly efficient and stable visible light-driven photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2018, 515, 119-128.	9.4	28
125	Application of an electrochemical-ion exchange reactor for ammonia removal. <i>Electrochimica Acta</i> , 2009, 55, 159-164.	5.2	27
126	Batch study of arsenate (V) adsorption using Akadama mud: Effect of water mineralization. <i>Applied Surface Science</i> , 2010, 256, 2961-2967.	6.1	27

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127	Nitrate removal from aqueous solution using granular chitosan-Fe(III)-Al(III) complex: Kinetic, isotherm and regeneration studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 63, 216-225.	5.3	27
128	Wood and sulfur-based cyclic denitrification filters for treatment of saline wastewaters. <i>Bioresource Technology</i> , 2021, 328, 124848.	9.6	27
129	Sulfur autotrophic denitrification (SAD) driven by homogeneous composite particles containing CaCO <sub>3</sub> -type kitchen waste for groundwater remediation. <i>Chemosphere</i> , 2018, 212, 954-963.	8.2	26
130	An electrochemically modified novel tablet porous material developed as adsorbent for phosphate removal from aqueous solution. <i>Chemical Engineering Journal</i> , 2013, 220, 367-374.	12.7	25
131	Effect of Pyrite Pretreatment, Particle Size, Dose, and Biomass Concentration on Particulate Pyrite Autotrophic Denitrification of Nitrified Domestic Wastewater. <i>Environmental Engineering Science</i> , 2018, 35, 875-886.	1.6	25
132	Behavior of total phosphorus removal in an intelligent controlled sequencing batch biofilm reactor for municipal wastewater treatment. <i>Bioresource Technology</i> , 2013, 132, 190-196.	9.6	24
133	Influence of Operating Conditions on Electrochemical Reduction of Nitrate in Groundwater. <i>Water Environment Research</i> , 2013, 85, 224-231.	2.7	24
134	Ultrathin titanium oxide nanosheets film with memory bactericidal activity. <i>Nanoscale</i> , 2016, 8, 18050-18056.	5.6	24
135	Fast Capture of Fluoride by Anion-Exchange Zirconium-Graphene Hybrid Adsorbent. <i>Langmuir</i> , 2019, 35, 6861-6869.	3.5	24
136	Treatment of ammonium-rich swine waste in modified porphyritic andesite fixed-bed anaerobic bioreactor. <i>Bioresource Technology</i> , 2012, 111, 70-75.	9.6	23
137	Enhancement of rice bran as carbon and microbial sources on the nitrate removal from groundwater. <i>Biochemical Engineering Journal</i> , 2019, 148, 185-194.	3.6	23
138	Synthesis of a high-performance silver silicate (Ag <sub>6</sub> Si <sub>2</sub> O <sub>7</sub> )/silver bromide (AgBr) photocatalyst with enhanced visible light catalytic activity for refractory organic pollutants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 213-223.	4.7	23
139	Characterizations of dissolved organic matter and bacterial community structures in rice washing drainage (RWD)-based synthetic groundwater denitrification. <i>Chemosphere</i> , 2019, 215, 142-152.	8.2	23
140	Stimulation impact of electric currents on heterotrophic denitrifying microbial viability and denitrification performance in high concentration nitrate-contaminated wastewater. <i>Journal of Environmental Sciences</i> , 2019, 77, 363-371.	6.1	23
141	An electrochemical process intensified by bipolar iron particles for nitrate removal from synthetic groundwater. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1013-1020.	2.5	22
142	Optimization of enhanced bioelectrical reactor with electricity from microbial fuel cells for groundwater nitrate removal. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1008-1017.	2.2	22
143	Denitrification behavior in a woodchip-packed bioreactor with gradient filling for nitrate-contaminated water treatment. <i>Biochemical Engineering Journal</i> , 2020, 154, 107454.	3.6	22
144	Iron oxide minerals promote simultaneous bio-reduction of Cr(VI) and nitrate: Implications for understanding natural attenuation. <i>Science of the Total Environment</i> , 2021, 786, 147396.	8.0	22

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145	Denitrification performance and mechanism of biofilter constructed with sulfur autotrophic denitrification composite filler in engineering application. <i>Bioresource Technology</i> , 2021, 340, 125699.	9.6	22
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