

Chuanping Feng

List of Publications by Year in descending order

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242
papers

9,899
citations

32410

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84
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all docs

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docs citations

244
times ranked

9135
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid zeolite-based ion-exchange and sulfur oxidizing denitrification for advanced slaughterhouse wastewater treatment. <i>Journal of Environmental Sciences</i> , 2022, 113, 219-230.	3.2	16
2	Changes in microbial community diversity, composition, and functions upon nitrate and Cr(VI) contaminated groundwater. <i>Chemosphere</i> , 2022, 288, 132476.	4.2	30
3	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.	4.8	29
4	Enhanced Cr(VI) reduction in biocathode microbial electrolysis cell using Fenton-derived ferric sludge. <i>Water Research</i> , 2022, 212, 118144.	5.3	16
5	Simultaneous bio-reduction of nitrate and Cr(VI) by mechanical milling activated corn straw. <i>Journal of Hazardous Materials</i> , 2022, 429, 128258.	6.5	18
6	Bioelectrochemical reactor improved by assembling anode with rice husk for treating nitrate-contaminated groundwater. <i>Journal of Water Process Engineering</i> , 2022, 47, 102778.	2.6	2
7	Rice husk-intensified cathode driving bioelectrochemical reactor for remediating nitrate-contaminated groundwater. <i>Science of the Total Environment</i> , 2022, 837, 155917.	3.9	8
8	Rice washing drainage (RWD) embedded in poly(vinyl alcohol)/sodium alginate as denitrification inoculum for high nitrate removal rate with low biodiversity. <i>Bioresource Technology</i> , 2022, 355, 127288.	4.8	4
9	Synchronous microbial V(V) reduction and denitrification using corn straw as the sole carbon source. <i>Science of the Total Environment</i> , 2022, 839, 156343.	3.9	8
10	Fered-Fenton treatment of car wash wastewater using carbon felt cathode: Carbon dissolution and cathodic corrosion. <i>Journal of Water Process Engineering</i> , 2022, 49, 102954.	2.6	1
11	Human health risk of vanadium in farmland soils near various vanadium ore mining areas and bioremediation assessment. <i>Chemosphere</i> , 2021, 263, 128246.	4.2	17
12	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.	3.9	29
13	Evaluation of advanced phosphorus removal from slaughterhouse wastewater using industrial waste-based adsorbents. <i>Water Science and Technology</i> , 2021, 83, 1407-1417.	1.2	4
14	Annealing enhancement in stability and performance of copper modified boron-doped diamond (Cu-BDD) electrode for electrochemical nitrate reduction. <i>Diamond and Related Materials</i> , 2021, 114, 108310.	1.8	10
15	Wood and sulfur-based cyclic denitrification filters for treatment of saline wastewaters. <i>Bioresource Technology</i> , 2021, 328, 124848.	4.8	27
16	Performance and enhancement mechanism of corncob guiding chromium (VI) bioreduction. <i>Water Research</i> , 2021, 197, 117057.	5.3	38
17	Performance and mechanism of a novel woodchip embedded biofilm electrochemical reactor (WBFR) for nitrate-contaminated wastewater treatment. <i>Chemosphere</i> , 2021, 276, 130250.	4.2	10
18	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.	6.5	38

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19	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.	3.9	95
20	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.	3.9	22
21	Electrochemical investigation of the oxidation of pyrite in neutral solutions. <i>Electrochimica Acta</i> , 2021, 393, 139078.	2.6	3
22	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.	6.6	37
23	Denitrification performance and mechanism of biofilter constructed with sulfur autotrophic denitrification composite filler in engineering application. <i>Bioresource Technology</i> , 2021, 340, 125699.	4.8	22
24	Coupling enhancement of Chromium(VI) bioreduction in groundwater by phosphorus minerals. <i>Chemosphere</i> , 2020, 240, 124896.	4.2	36
25	One-step synthesis of Ag ₆ Si ₂ O ₇ /AgCl heterojunction composite with extraordinary visible-light photocatalytic activity and stability. <i>Research on Chemical Intermediates</i> , 2020, 46, 15-31.	1.3	4
26	Enhancing electrochemical treatment of nitrogen-containing organic wastewater by iron filings: Performance, inhibition of organochlorine by-products accumulation and cost-effectiveness. <i>Chemical Engineering Journal</i> , 2020, 384, 123321.	6.6	13
27	A novel Z-scheme Ag ₆ Si ₂ O ₇ /AgI nanocomposite photocatalyst: Study on the degradation of various refractory compounds and reduction of vanadium (V). <i>Journal of Alloys and Compounds</i> , 2020, 815, 152706.	2.8	13
28	Treatment of polluted river sediment by electrochemical oxidation: Changes of hydrophilicity and acute cytotoxicity of dissolved organic matter. <i>Chemosphere</i> , 2020, 243, 125283.	4.2	16
29	Denitrification behavior in a woodchip-packed bioreactor with gradient filling for nitrate-contaminated water treatment. <i>Biochemical Engineering Journal</i> , 2020, 154, 107454.	1.8	22
30	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.	3.9	41
31	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.	3.9	99
32	Practical application potential of microbial-phosphorus minerals-alginate immobilized particles on chromium(VI)-bioreduction. <i>Science of the Total Environment</i> , 2020, 742, 140685.	3.9	9
33	Chromium(VI) bioreduction behavior and microbial revolution by phosphorus minerals in continuous flow experiment. <i>Bioresource Technology</i> , 2020, 315, 123847.	4.8	5
34	Research on the redox behavior changes of humic-like substances wastewater during electrochemical oxidation process and using the treated effluent to improve the heavily contaminated soil: Taking petroleum hydrocarbon contaminated soil as example. <i>Journal of Cleaner Production</i> , 2020, 263, 121398.	4.6	8
35	A sulfur-based cyclic denitrification filter for marine recirculating aquaculture systems. <i>Bioresource Technology</i> , 2020, 310, 123465.	4.8	14
36	Abscisic acid-enhanced starch accumulation of bioenergy crop duckweed (<i>Spirodela</i>) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50,62 Td (p	1.7	6

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37	Development of a novel palm fiber biofilm electrode reactor (PBER) for nitrate-contaminated wastewater treatment: performance and mechanism. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 839-850.	1.2	9
38	The mechanism of nitrate-Cr(VI) reduction mediated by microbial under different initial pHs. <i>Journal of Hazardous Materials</i> , 2020, 393, 122434.	6.5	34
39	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.	6.5	42
40	Performance enhancement of H ₂ S-based autotrophic denitrification with bio-gaseous CO ₂ as sole carbon source through new pH adjustment materials. <i>Journal of Environmental Management</i> , 2020, 261, 110157.	3.8	8
41	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.	2.3	32
42	Degradation of <i>p</i> -nitrophenol by nano-pyrite catalyzed Fenton reaction with enhanced peroxide utilization. <i>RSC Advances</i> , 2020, 10, 15901-15912.	1.7	30
43	Electrochemical reduction of nitrate on boron-doped diamond electrodes: Effects of surface termination and boron-doping level. <i>Chemosphere</i> , 2020, 251, 126364.	4.2	33
44	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.	4.2	54
45	Distinct functional microbial communities mediating the heterotrophic denitrification in response to the excessive Fe(II) stress in groundwater under wheat-rice stone and rock phosphate amendments. <i>Environmental Research</i> , 2020, 185, 109391.	3.7	16
46	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.	2.3	77
47	Enhancement of rice bran as carbon and microbial sources on the nitrate removal from groundwater. <i>Biochemical Engineering Journal</i> , 2019, 148, 185-194.	1.8	23
48	One-step synthesis of Fe ₂ O ₃ nano-rod modified reduced graphene oxide composites for effective Cr(VI) removal: removal capability and mechanism. <i>RSC Advances</i> , 2019, 9, 20582-20592.	1.7	18
49	Degradation of nitrogen-containing refractory organic wastewater using a novel alternating-anode electrochemical system. <i>Science of the Total Environment</i> , 2019, 697, 134161.	3.9	15
50	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.	4.8	29
51	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.	6.6	49
52	Effect of sawdust dosage and hydraulic retention time (HRT) on nitrate removal in sawdust/pyrite mixotrophic denitrification (SPMD) systems. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 346-357.	1.2	21
53	Effects of three macroelement cations on P mobility and speciation in sewage sludge derived hydrochar by using hydrothermal treatment. <i>Bioresource Technology Reports</i> , 2019, 7, 100231.	1.5	9
54	Synthesis of a high-performance silver silicate (Ag ₆ Si ₂ O ₇)/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.	2.3	23

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55	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.	2.7	32
56	Roles of functional groups and irons on bromate removal by FeCl ₃ modified porous carbon. <i>Applied Surface Science</i> , 2019, 488, 681-687.	3.1	29
57	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.	3.7	50
58	Insights into simultaneous microbial chromium and nitrate reduction: inhibitory effects and molecular mechanisms. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2589-2596.	1.6	14
59	Fast Capture of Fluoride by Anion-Exchange Zirconium Graphene Hybrid Adsorbent. <i>Langmuir</i> , 2019, 35, 6861-6869.	1.6	24
60	Simultaneous removal of ammonia, phosphate and COD from slaughterhouse wastewater by natural zeolite. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
61	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.	3.9	29
62	Enhanced performance and mechanism of bromate removal in aqueous solution by ruthenium oxide modified biochar (RuO ₂ /BC). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 572, 27-36.	2.3	4
63	Removal of trimethoprim and sulfamethoxazole in artificial composite soil treatment systems and diversity of microbial communities. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	11
64	Identifying human-induced influence on microbial community: A comparative study in the effluent-receiving areas in Hangzhou Bay. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	14
65	Microbial reduction fate of chromium (Cr) in aqueous solution by mixed bacterial consortium. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 763-770.	2.9	74
66	Fabrication of a Novel n Heterojunction BiOCl/Ag ₆ Si ₂ O ₇ Nanocomposite as a Highly Efficient and Stable Visible Light Driven Photocatalyst. <i>Catalysis Letters</i> , 2019, 149, 891-903.	1.4	11
67	Enhanced alure-type biological system (E-ATBS) for carbon, nitrogen and phosphorus removal from slaughterhouse wastewater: A case study. <i>Bioresource Technology</i> , 2019, 274, 244-251.	4.8	14
68	Prediction of breakthrough behaviors using logistic, hyperbolic tangent and double exponential models in the fixed-bed column. <i>Separation and Purification Technology</i> , 2019, 212, 572-579.	3.9	8
69	Fractal-like kinetics of adsorption on heterogeneous surfaces in the fixed-bed column. <i>Chemical Engineering Journal</i> , 2019, 358, 1471-1478.	6.6	59
70	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.	4.2	23
71	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.	3.2	23
72	Simultaneous removal of nitrate and hydrogen sulfide by autotrophic denitrification in nitrate-contaminated water treatment. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2325-2336.	1.2	11

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73	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.	0.8	25
74	Construction and optimization of an iron particle-zeolite packing electrochemical adsorption system for the simultaneous removal of nitrate and by-products. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 86, 101-112.	2.7	18
75	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.	1.8	44
76	Insights into mathematical characteristics of adsorption models and physical meaning of corresponding parameters. <i>Journal of Molecular Liquids</i> , 2018, 254, 20-25.	2.3	57
77	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.	5.0	28
78	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.	6.6	60
79	Raw hematite based Fe(III) bio-reduction process for humified landfill leachate treatment. <i>Journal of Hazardous Materials</i> , 2018, 355, 10-16.	6.5	6
80	Mechanisms of Cr(VI) removal by FeCl ₃ -modified lotus stem-based biochar (FeCl ₃ @LS-BC) using mass-balance and functional group expressions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 551, 17-24.	2.3	67
81	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.	2.7	48
82	Microbial vanadium (V) reduction in groundwater with different soils from vanadium ore mining areas. <i>Chemosphere</i> , 2018, 202, 272-279.	4.2	56
83	Efficient nano titanium electrode via a two-step electrochemical anodization with reconstructed nanotubes: Electrochemical activity and stability. <i>Chemosphere</i> , 2018, 202, 177-183.	4.2	10
84	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.	2.4	40
85	Anaerobic Bioremediation Performance and Indigenous Microbial Communities in Treatment of Trichloroethylene/Nitrate-Contaminated Groundwater. <i>Environmental Engineering Science</i> , 2018, 35, 311-322.	0.8	7
86	Photocatalytic degradation of methylene blue by magnetically recoverable Fe ₃ O ₄ /Ag ₆ Si ₂ O ₇ under simulated visible light. <i>Powder Technology</i> , 2018, 326, 247-254.	2.1	33
87	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.	4.8	74
88	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.	2.9	47
89	Research on the treatment of biologically treated landfill leachate by joint electrochemical system. <i>Waste Management</i> , 2018, 82, 177-187.	3.7	43
90	Electrochemical Degradation of <i>N</i> -Nitrosodimethylamine (NDMA) by Ti-Based Nano-Electrode: Kinetics, Mechanism and Effect on NDMA Removal. <i>Journal of the Electrochemical Society</i> , 2018, 165, E584-E591.	1.3	3

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91	Sulfur autotrophic denitrification (SAD) driven by homogeneous composite particles containing CaCO ₃ -type kitchen waste for groundwater remediation. <i>Chemosphere</i> , 2018, 212, 954-963.	4.2	26
92	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.	2.3	39
93	Fabrication of a Narrow-Band-Gap Ag ₆ Si ₂ O ₇ /BiOBr Composite with High Stability and Enhanced Visible-Light Photocatalytic Activity. <i>Catalysis Letters</i> , 2018, 148, 2777-2788.	1.4	15
94	Adsorption for phosphate by crosslinked/non-crosslinked-chitosan-Fe(III) complex sorbents: Characteristic and mechanism. <i>Chemical Engineering Journal</i> , 2018, 353, 361-372.	6.6	144
95	Biological denitrification in marine aquaculture systems: A multiple electron donor microcosm study. <i>Bioresource Technology</i> , 2018, 263, 340-349.	4.8	32
96	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.	2.3	91
97	Design and applications of Ti nano-electrode for denitrification of groundwater. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 3055-3063.	1.2	6
98	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.	1.2	43
99	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.	4.8	47
100	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.	1.3	29
101	Synthesis and environmental application of zirconium-chitosan/graphene oxide membrane. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 77, 106-112.	2.7	14
102	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.	1.7	55
103	Adsorption of phosphorus based on Hangjin clay granular ceramic from aqueous solution and sewage: Fixed-bed column study. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1323-1332.	1.3	7
104	In-situ biological denitrification using pretreated maize stalks as carbon source for nitrate-contaminated groundwater remediation. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 1-9.	1.0	7
105	Fluoride removal from aqueous solution by Zirconium-Chitosan/Graphene Oxide Membrane. <i>Reactive and Functional Polymers</i> , 2017, 114, 127-135.	2.0	96
106	Abscisic Acid-Induced Starch Accumulation in Bioenergy Crop Duckweed <i>Spirodela polyrrhiza</i> . <i>Bioenergy Research</i> , 2017, 10, 417-426.	2.2	5
107	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.	4.8	70
108	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.	4.8	59

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109	Electrochemical Behavior of Ti-Based Nano-Electrode for Highly Efficient Denitrification in Synthetic Groundwater. <i>Journal of the Electrochemical Society</i> , 2017, 164, E326-E331.	1.3	20
110	Nitrate removal efficiency of a mixotrophic denitrification wall for nitrate-polluted groundwater in situ remediation. <i>Ecological Engineering</i> , 2017, 106, 523-531.	1.6	40
111	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.	2.7	43
112	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.	4.8	33
113	Sulfur-based autotrophic denitrification with eggshell for nitrate-contaminated synthetic groundwater treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 3094-3103.	1.2	21
114	Bioremediation of nitrate and Fe(II) combined contamination in groundwater by heterotrophic denitrifying bacteria and microbial community analysis. <i>RSC Advances</i> , 2016, 6, 108375-108383.	1.7	29
115	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.	2.7	27
116	Kinetic studies of nitrate removal from aqueous solution using granular chitosan-Fe(III) complex. <i>Water Science and Technology</i> , 2016, 73, 1211-1220.	1.2	5
117	Ti nano electrode fabrication for electrochemical denitrification using Box-Behnken design. <i>Journal of Electroanalytical Chemistry</i> , 2016, 773, 13-21.	1.9	29
118	Ultrathin titanium oxide nanosheets film with memory bactericidal activity. <i>Nanoscale</i> , 2016, 8, 18050-18056.	2.8	24
119	Polypyrrole-grafted peanut shell biological carbon as a potential sorbent for fluoride removal: Sorption capability and mechanism. <i>Chemosphere</i> , 2016, 163, 81-89.	4.2	65
120	Effect of straw and polyacrylamide on the stability of land/water ecotone soil and the field implementation. <i>Ecological Engineering</i> , 2016, 94, 12-21.	1.6	12
121	Denitrification of synthetic nitrate-contaminated groundwater combined with rice washing drainage treatment. <i>Ecological Engineering</i> , 2016, 95, 152-159.	1.6	34
122	Improvement on Electrochemical Nitrate Removal by Combining with the Three-Dimensional (3-D) Perforated Iron Cathode and the Iron Net Introduction. <i>Journal of the Electrochemical Society</i> , 2016, 163, E397-E406.	1.3	19
123	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.	1.9	34
124	A two-stage soil infiltration system incorporated with heterotrophic denitrification (TSISHD) for urban runoff treatment. <i>Hydrology Research</i> , 2016, 47, 128-136.	1.1	1
125	Kinetic and isotherm studies of nitrate adsorption on granular Fe-Zr-chitosan complex and electrochemical reduction of nitrate from the spent regenerant solution. <i>RSC Advances</i> , 2016, 6, 61944-61954.	1.7	28
126	Investigation on the adsorption of phosphorus by Fe-loaded ceramic adsorbent. <i>Journal of Colloid and Interface Science</i> , 2016, 464, 277-284.	5.0	34

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127	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.	4.8	74
128	Highly recoverable TiO ₂ @GO nanocomposites for stormwater disinfection. <i>Water Research</i> , 2016, 94, 363-370.	5.3	66
129	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.	4.8	91
130	Removal of phosphorus from aqueous solutions by granular mesoporous ceramic adsorbent based on Hangjin clay. <i>Desalination and Water Treatment</i> , 2016, 57, 22400-22412.	1.0	14
131	Electrochemical Degradation of Chloroform Using Ti/IrO ₂ Anode and Cu/Zn Cathode. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	7
132	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.	5.3	66
133	Woodchip-sulfur based heterotrophic and autotrophic denitrification (WSHAD) process for nitrate contaminated water remediation. <i>Water Research</i> , 2016, 89, 171-179.	5.3	119
134	Biological denitrification using rice washing drainage (RWD) as carbon source for removing nitrate from groundwater. <i>Desalination and Water Treatment</i> , 2016, 57, 21990-21999.	1.0	9
135	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.	1.2	22
136	Photocatalytic Removal of Microcystin-LR by Advanced WO ₃ -Based Nanoparticles under Simulated Solar Light. <i>Scientific World Journal, The</i> , 2015, 2015, 1-9.	0.8	8
137	Electrochemical decolorization of methyl orange powered by bioelectricity from single-chamber microbial fuel cells. <i>Bioresource Technology</i> , 2015, 181, 360-362.	4.8	52
138	Effect of phosphate rock on denitrification in a nitrate-polluted groundwater remediation system. <i>Desalination and Water Treatment</i> , 2015, 54, 265-274.	1.0	11
139	Effect of electro-stimulation on activity of heterotrophic denitrifying bacteria and denitrification performance. <i>Bioresource Technology</i> , 2015, 196, 123-128.	4.8	57
140	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.	6.6	56
141	Microbial reduction and precipitation of vanadium (V) in groundwater by immobilized mixed anaerobic culture. <i>Bioresource Technology</i> , 2015, 192, 410-417.	4.8	79
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154	A bibliometric analysis of research on upflow anaerobic sludge blanket (UASB) from 1983 to 2012. <i>Scientometrics</i> , 2014, 100, 189-202.	1.6	12
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162	Degradation of microcystins by an electrochemical oxidative electrode cell. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1027-1033.	1.2	6

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