Nan Chen

List of Publications by Year
in descending order

137 papers	4,283 citations	101543 36 h-index	149698 56 g-index
138 all docs	138 docs citations	138 times ranked	4048 citing authors

#	Article	IF	Citations
1	Microbial response and adaption to thallium contamination in soil profiles. Journal of Hazardous Materials, 2022, 423, 127080.	12.4	37
2	Changes in microbial community diversity, composition, and functions upon nitrate and Cr(VI) contaminated groundwater. Chemosphere, 2022, 288, 132476.	8.2	30
3	Enhanced Cr(VI) reduction in biocathode microbial electrolysis cell using Fenton-derived ferric sludge. Water Research, 2022, 212, 118144.	11.3	16
4	Simultaneous bio-reduction of nitrate and Cr(VI) by mechanical milling activated corn straw. Journal of Hazardous Materials, 2022, 429, 128258.	12.4	18
5	Amelioration of Fructus Ligustri Lucidi and its phenol glycosides on hypercalciuria via stimulating PTH1R/PKA/TRPV5 signaling. Phytomedicine, 2022, 98, 153982.	5.3	0
6	Treatment of nitrate containing wastewater by adsorption process using polypyrrole-modified plastic-carbon: Characteristic and mechanism. Chemosphere, 2022, 297, 134107.	8.2	19
7	Bioelectrochemical reactor improved by assembling anode with rice husk for treating nitrate-contaminated groundwater. Journal of Water Process Engineering, 2022, 47, 102778.	5.6	2
8	Rice husk-intensified cathode driving bioelectrochemical reactor for remediating nitrate-contaminated groundwater. Science of the Total Environment, 2022, 837, 155917.	8.0	8
9	Rice washing drainage (RWD) embedded in poly(vinyl alcohol)/sodium alginate as denitrification inoculum for high nitrate removal rate with low biodiversity. Bioresource Technology, 2022, 355, 127288.	9.6	4
10	Synchronous microbial V(V) reduction and denitrification using corn straw as the sole carbon source. Science of the Total Environment, 2022, 839, 156343.	8.0	8
11	Fered-Fenton treatment of car wash wastewater using carbon felt cathode: Carbon dissolution and cathodic corrosion. Journal of Water Process Engineering, 2022, 49, 102954.	5.6	1
12	Landform classification based on landform geospatial structure â€“ a case study on Loess Plateau of China. International Journal of Digital Earth, 2022, 15, 1125-1148.	3.9	7
13	Chemical Labeling of Protein 4â€²â€Phosphopantetheinylation. ChemBioChem, 2021, 22, 1357-1367.	2.6	2
14	Microbial removal of vanadium (V) from groundwater by sawdust used as a sole carbon source. Science of the Total Environment, 2021, 751, 142161.	8.0	29
15	Performance and enhancement mechanism of corncob guiding chromium (VI) bioreduction. Water Research, 2021, 197, 117057.	11.3	38
16	Reusable OIRD Microarray Chips Based on a Bienzyme-Immobilized Polyaniline Nanowire Forest for Multiplexed Detection of Biological Small Molecules. Analytical Chemistry, 2021, 93, 10697-10703.	6.5	11
17	Performance and mechanism of a novel woodchip embedded biofilm electrochemical reactor (WBER) for nitrate-contaminated wastewater treatment. Chemosphere, 2021, 276, 130250.	8.2	10
18	High redox potential promotes oxidation of pyrite under neutral conditions: Implications for optimizing pyrite autotrophic denitrification. Journal of Hazardous Materials, 2021, 416, 125844.	12.4	38

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19	Insights into heterotrophic denitrification diversity in wastewater treatment systems: Progress and future prospects based on different carbon sources. Science of the Total Environment, 2021, 780, 146521.	8.0	95
20	Iron oxide minerals promote simultaneous bio-reduction of Cr(VI) and nitrate: Implications for understanding natural attenuation. Science of the Total Environment, 2021, 786, 147396.	8.0	22
21	Treatment of old landfill leachate by persulfate enhanced electro-coagulation system: Improving organic matters removal and precipitates settling performance. Chemical Engineering Journal, 2021, 424, 130262.	12.7	37
22	Automatic Landform Recognition from the Perspective of Watershed Spatial Structure Based on Digital Elevation Models. Remote Sensing, 2021, 13, 3926.	4.0	16
23	Coupling enhancement of Chromium(VI) bioreduction in groundwater by phosphorus minerals. Chemosphere, 2020, 240, 124896.	8.2	36
24	One-step synthesis of Ag6Si2O7/AgCl heterojunction composite with extraordinary visible-light photocatalytic activity and stability. Research on Chemical Intermediates, 2020, 46, 15-31.	2.7	4
25	Enhancing electrochemical treatment of nitrogen-containing organic wastewater by iron filings: Performance, inhibition of organochlorine by-products accumulation and cost-effectiveness. Chemical Engineering Journal, 2020, 384, 123321.	12.7	13
26	A novel Z-scheme Ag6Si2O7/AgI nanocomposite photocatalyst: Study on the degradation of various refractory compounds and reduction of vanadium (V). Journal of Alloys and Compounds, 2020, 815, 152706.	5.5	13
27	Treatment of polluted river sediment by electrochemical oxidation: Changes of hydrophilicity and acute cytotoxicity of dissolved organic matter. Chemosphere, 2020, 243, 125283.	8.2	16
28	Denitrification behavior in a woodchip-packed bioreactor with gradient filling for nitrate-contaminated water treatment. Biochemical Engineering Journal, 2020, 154, 107454.	3.6	22
29	Insight into efficient phosphorus removal/recovery from enhanced methane production of waste activated sludge with chitosan-Fe supplementation. Water Research, 2020, 187, 116427.	11.3	29
30	Review on electrochemical system for landfill leachate treatment: Performance, mechanism, application, shortcoming, and improvement scheme. Science of the Total Environment, 2020, 745, 140768.	8.0	99
31	Practical application potential of microbial-phosphorus minerals-alginate immobilized particles on chromium(VI)-bioreduction. Science of the Total Environment, 2020, 742, 140685.	8.0	9
32	Numerical Investigation of a Short Polarization Beam Splitter Based on Dual-Core Photonic Crystal Fiber with As2S3 Layer. Micromachines, 2020, 11, 706.	2.9	14
33	Chromium(VI) bioreduction behavior and microbial revolution by phosphorus minerals in continuous flow experiment. Bioresource Technology, 2020, 315, 123847.	9.6	5
34	Broadband Plasmonic Polarization Filter Based on Photonic Crystal Fiber with Dual-Ring Gold Layer. Micromachines, 2020, 11, 470.	2.9	10
35	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. Journal of Cleaner Production, 2020, 263, 121398.	9.3	8
36	Numerical Analysis of Midinfrared D-Shaped Photonic-Crystal-Fiber Sensor Based on Surface-Plasmon-Resonance Effect for Environmental Monitoring. Applied Sciences (Switzerland), 2020, 10, 3897.	2.5	29

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37	Deriving the slope-mean shielded astronomical solar radiation spectrum and slope-mean possible sunshine duration spectrum over the Loess Plateau. Journal of Mountain Science, 2020, 17, 133-146.	2.0	6
38	Development of a novel palm fiber biofilm electrode reactor (PBER) for nitrate-contaminated wastewater treatment: performance and mechanism. Environmental Science: Water Research and Technology, 2020, 6, 839-850.	2.4	9
39	The mechanism of nitrate-Cr(VI) reduction mediated by microbial under different initial pHs. Journal of Hazardous Materials, 2020, 393, 122434.	12.4	34
40	Performance enhancement of H2S-based autotrophic denitrification with bio-gaseous CO2 as sole carbon source through new pH adjustment materials. Journal of Environmental Management, 2020, 261, 110157.	7.8	8
41	Retarding Ostwald Ripening to Directly Cast 3D Porous Graphene Oxide Bulks at Open Ambient Conditions. ACS Nano, 2020, 14, 6249-6257.	14.6	37
42	Biochar stabilized nano zero-valent iron and its removal performance and mechanism of pentavalent vanadium(V(V)). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 599, 124882.	4.7	32
43	Degradation of p-nitrophenol by nano-pyrite catalyzed Fenton reaction with enhanced peroxide utilization. RSC Advances, 2020, 10, 15901-15912.	3.6	30
44	Spectra method for revealing relations between slope and possible sunshine duration in China. Earth Science Informatics, 2020, 13, 695-707.	3.2	4
45	Research on efficient denitrification system based on banana peel waste in sequencing batch reactors: Performance, microbial behavior and dissolved organic matter evolution. Chemosphere, 2020, 253, 126693.	8.2	54
46	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. Environmental Research, 2020, 185, 109391.	7.5	16
47	Enhancement of rice bran as carbon and microbial sources on the nitrate removal from groundwater. Biochemical Engineering Journal, 2019, 148, 185-194.	3.6	23
48	Degradation of nitrogen-containing refractory organic wastewater using a novel alternating-anode electrochemical system. Science of the Total Environment, 2019, 697, 134161.	8.0	15
49	Feasibility and mechanism of microbial-phosphorus minerals-alginate immobilized particles in bioreduction of hexavalent chromium and synchronous removal of trivalent chromium. Bioresource Technology, 2019, 294, 122213.	9.6	29
50	Treatment of organic wastewater containing nitrogen and chlorine by combinatorial electrochemical system: Taking biologically treated landfill leachate treatment as an example. Chemical Engineering Journal, 2019, 364, 349-360.	12.7	49
51	Effect of sawdust dosage and hydraulic retention time (HRT) on nitrate removal in sawdust/pyrite mixotrophic denitrification (SPMD) systems. Environmental Science: Water Research and Technology, 2019, 5, 346-357.	2.4	21
52	Effects of three macroelement cations on P mobility and speciation in sewage sludge derived hydrochar by using hydrothermal treatment. Bioresource Technology Reports, 2019, 7, 100231.	2.7	9
53	Synthesis of a high-performance silver silicate (Ag6Si2O7)/silver bromide (AgBr) photocatalyst with enhanced visible light catalytic activity for refractory organic pollutants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 577, 213-223.	4.7	23
54	Ozonation catalyzed by iron- and/or manganese-supported granular activated carbons for the treatment of phenol. Environmental Science and Pollution Research, 2019, 26, 21022-21033.	5.3	32

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55	Roles of functional groups and irons on bromate removal by FeCl3 modified porous carbon. Applied Surface Science, 2019, 488, 681-687.	6.1	29
56	Research on complexation ability, aromaticity, mobility and cytotoxicity of humic-like substances during degradation processÂbyÂelectrochemical oxidation. Environmental Pollution, 2019, 251, 811-820.	7.5	50
57	Insights into simultaneous microbial chromium and nitrate reduction: inhibitory effects and molecular mechanisms. Journal of Chemical Technology and Biotechnology, 2019, 94, 2589-2596.	3.2	14
58	Fast Capture of Fluoride by Anion-Exchange Zirconiumâ€“Graphene Hybrid Adsorbent. Langmuir, 2019, 35, 6861-6869.	3.5	24
59	Enhanced performance and mechanism of bromate removal in aqueous solution by ruthenium oxide modified biochar (RuO2/BC). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 572, 27-36.	4.7	4
60	Research on the Generation Method of Spatiotemporal Link Sensor Data Based on Attribute Integrity. , 2019, , .		0
61	Efficient phosphate removal from wastewater by MgAl-LDHs modified hydrochar derived from tobacco stalk. Bioresource Technology Reports, 2019, 8, 100348.	2.7	31
62	Microbial reduction fate of chromium (Cr) in aqueous solution by mixed bacterial consortium. Ecotoxicology and Environmental Safety, 2019, 170, 763-770.	6.0	74
63	Fabrication of a Novel pâ€“n Heterojunction BiOCl/Ag6Si2O7 Nanocomposite as a Highly Efficient and Stable Visible Light Driven Photocatalyst. Catalysis Letters, 2019, 149, 891-903.	2.6	11
64	Characterizations of dissolved organic matter and bacterial community structures in rice washing drainage (RWD)-based synthetic groundwater denitrification. Chemosphere, 2019, 215, 142-152.	8.2	23
65	Construction and optimization of an iron particleâ€“zeolite packing electrochemicalâ€“adsorption system for the simultaneous removal of nitrate and by-products. Journal of the Taiwan Institute of Chemical Engineers, 2018, 86, 101-112.	5.3	18
66	Treatment of nitrate-contaminated groundwater by heterotrophic denitrification coupled with electro-autotrophic denitrifying packed bed reactor. Biochemical Engineering Journal, 2018, 134, 12-21.	3.6	44
67	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. Journal of Colloid and Interface Science, 2018, 515, 119-128.	9.4	28
68	Mechanisms of Cr(VI) removal by FeCl3-modified lotus stem-based biochar (FeCl3@LS-BC) using mass-balance and functional group expressions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 551, 17-24.	4.7	67
69	Performance and mechanism of fluoride adsorption from groundwater by lanthanum-modified pomelo peel biochar. Environmental Science and Pollution Research, 2018, 25, 15326-15335.	5.3	48
70	Efficient Removal of Fluoride Using Polypyrrole-Modified Biochar Derived from Slow Pyrolysis of Pomelo Peel: Sorption Capacity and Mechanism. Journal of Polymers and the Environment, 2018, 26, 1559-1572.	5.0	40
71	Anaerobic Bioremediation Performance and Indigenous Microbial Communities in Treatment of Trichloroethylene/Nitrate-Contaminated Groundwater. Environmental Engineering Science, 2018, 35, 311-322.	1.6	7
72	Photocatalytic degradation of methylene blue by magnetically recoverable Fe3O4/Ag6Si2O7 under simulated visible light. Powder Technology, 2018, 326, 247-254.	4.2	33

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73	Denitrification behavior and microbial community spatial distribution inside woodchip-based solid-phase denitrification (W-SPD) bioreactor for nitrate-contaminated water treatment. Bioresource Technology, 2018, 249, 869-879.	9.6	74
74	Effect of Fe(II) on reactivity of heterotrophic denitrifiers in the remediation of nitrate- and Fe(II)-contaminated groundwater. Ecotoxicology and Environmental Safety, 2018, 166, 437-445.	6.0	47
75	Research on the treatment of biologically treated landfill leachate by joint electrochemical system. Waste Management, 2018, 82, 177-187.	7.4	43
76	Sulfur autotrophic denitrification (SAD) driven by homogeneous composite particles containing CaCO3-type kitchen waste for groundwater remediation. Chemosphere, 2018, 212, 954-963.	8.2	26
77	Fabrication of a Narrow-Band-Gap Ag6Si2O7/BiOBr Composite with High Stability and Enhanced Visible-Light Photocatalytic Activity. Catalysis Letters, 2018, 148, 2777-2788.	2.6	15
78	Adsorption for phosphate by crosslinked/non-crosslinked-chitosan-Fe(III) complex sorbents: Characteristic and mechanism. Chemical Engineering Journal, 2018, 353, 361-372.	12.7	144
79	Chromium removal using a magnetic corncob biochar/polypyrrole composite by adsorption combined with reduction: Reaction pathway and contribution degree. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 556, 201-209.	4.7	91
80	The molecular characterization, expression pattern and alternative initiation of Megalobrama amblycephala Hif prolyl hydroxylase Phd1. Gene, 2018, 678, 219-225.	2.2	6
81	Zebrafish let-7b acts downstream of hypoxia-inducible factor-1Î± to assist in hypoxia-mediated cell proliferation and cell cycle regulation. Life Sciences, 2017, 171, 21-29.	4.3	17
82	Enhancement of textile-dyeing sludge dewaterability using a novel cationic polyacrylamide: role of cationic block structures. RSC Advances, 2017, 7, 11626-11635.	3.6	22
83	Involvement of the miR-462/731 cluster in hypoxia response in Megalobrama amblycephala. Fish Physiology and Biochemistry, 2017, 43, 863-873.	2.3	10
84	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. Bioresource Technology, 2017, 232, 344-353.	9.6	47
85	Improvement on Electrochemical Reduction of Nitrate in Synthetic Groundwater by Reducing Anode Surface Area. Journal of the Electrochemical Society, 2017, 164, E103-E112.	2.9	29
86	Synthesis and environmental application of zirconiumâ€“chitosan/graphene oxide membrane. Journal of the Taiwan Institute of Chemical Engineers, 2017, 77, 106-112.	5.3	14
87	Heavy metal ions removal from aqueous solution by xanthate-modified cross-linked magnetic chitosan/poly(vinyl alcohol) particles. RSC Advances, 2017, 7, 27992-28000.	3.6	55
88	Adsorption of phosphorus based on Hangjin clay granular ceramic from aqueous solution and sewage: Fixedâ€bed column study. Environmental Progress and Sustainable Energy, 2017, 36, 1323-1332.	2.3	7
89	Fluoride removal from aqueous solution by Zirconium-Chitosan/Graphene Oxide Membrane. Reactive and Functional Polymers, 2017, 114, 127-135.	4.1	96
90	Simultaneous phosphorus and nitrogen recovery from anaerobically digested sludge using a hybrid system coupling hydrothermal pretreatment with MAP precipitation. Bioresource Technology, 2017, 243, 634-640.	9.6	70

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91	Nitrate removal efficiency of a mixotrophic denitrification wall for nitrate-polluted groundwater in situ remediation. Ecological Engineering, 2017, 106, 523-531.	3.6	40
92	Xanthate-modified magnetic chitosan/poly (vinyl alcohol) adsorbent: Preparation, characterization, and performance of Pb(II) removal from aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 485-492.	5.3	43
93	Effects of Acute Hypoxia and Reoxygenation on Physiological and Immune Responses and Redox Balance of Wuchang Bream (Megalobrama amblycephala Yih, 1955). Frontiers in Physiology, 2017, 8, 375.	2.8	29
94	The zebrafish miR-125c is induced under hypoxic stress via hypoxia-inducible factor 1Î± and functions in cellular adaptations and embryogenesis. Oncotarget, 2017, 8, 73846-73859.	1.8	10
95	A General and Extremely Simple Remote Approach toward Graphene Bulks with In Situ Multifunctionalization. Advanced Materials, 2016, 28, 3305-3312.	21.0	79
96	Sulfur-based autotrophic denitrification with eggshell for nitrate-contaminated synthetic groundwater treatment. Environmental Technology (United Kingdom), 2016, 37, 3094-3103.	2.2	21
97	An efficient full-length cDNA amplification strategy based on bioinformatics technology and multiplexed PCR methods. Scientific Reports, 2016, 6, 19420.	3.3	19
98	Influence of Liquid Height to the Oxidation Process of Landfill Leachate by Using Ozone. Ozone: Science and Engineering, 2016, 38, 367-372.	2.5	0
99	Kinetic studies of nitrate removal from aqueous solution using granular chitosan-Fe(III) complex. Water Science and Technology, 2016, 73, 1211-1220.	2.5	5
100	Polypyrrole-grafted peanut shell biological carbon as a potential sorbent for fluoride removal: Sorption capability and mechanism. Chemosphere, 2016, 163, 81-89.	8.2	65
101	Denitrification of synthetic nitrate-contaminated groundwater combined with rice washing drainage treatment. Ecological Engineering, 2016, 95, 152-159.	3.6	34
102	Improvement on Electrochemical Nitrate Removal by Combining with the Three-Dimensional (3-D) Perforated Iron Cathode and the Iron Net Introduction. Journal of the Electrochemical Society, 2016, 163, E397-E406.	2.9	19
103	Molecular response and association analysis of Megalobrama amblycephala fih-1 with hypoxia. Molecular Genetics and Genomics, 2016, 291, 1615-1624.	2.1	7
104	Investigation on the adsorption of phosphorus by Fe-loaded ceramic adsorbent. Journal of Colloid and Interface Science, 2016, 464, 277-284.	9.4	34
105	Comparative investigation on integrated vertical-flow biofilters applying sulfur-based and pyrite-based autotrophic denitrification for domestic wastewater treatment. Bioresource Technology, 2016, 211, 125-135.	9.6	91
106	Removal of phosphorus from aqueous solutions by granular mesoporous ceramic adsorbent based on Hangjin clay. Desalination and Water Treatment, 2016, 57, 22400-22412.	1.0	14
107	Alternative splicing transcription of Megalobrama amblycephala HIF prolyl hydroxylase PHD3 and up-regulation of PHD3 by HIF-1Î±. Biochemical and Biophysical Research Communications, 2016, 469, 737-742.	2.1	11
108	Woodchip-sulfur based heterotrophic and autotrophic denitrification (WSHAD) process for nitrate contaminated water remediation. Water Research, 2016, 89, 171-179.	11.3	119

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109	Biological denitrification using rice washing drainage (RWD) as carbon source for removing nitrate from groundwater. Desalination and Water Treatment, 2016, 57, 21990-21999.	1.0	9
110	Effect of electro-stimulation on activity of heterotrophic denitrifying bacteria and denitrification performance. Bioresource Technology, 2015, 196, 123-128.	9.6	57
111	Molecular characterization and mRNA expression of HIF-prolyl hydroxylase-2 (phd2) in hypoxia-sensing pathways from Megalobrama amblycephala. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 186, 28-35.	1.6	29
112	A study of the mechanism of fluoride adsorption from aqueous solutions onto Fe-impregnated chitosan. Physical Chemistry Chemical Physics, 2015, 17, 12041-12050.	2.8	80
113	Chemical regeneration mechanism of Fe-impregnated chitosan using ferric chloride. RSC Advances, 2015, 5, 77610-77618.	3.6	7
114	The zebrafish miRâ€462/miRâ€731 cluster is induced under hypoxic stress via hypoxiaâ€inducible factor 1Î± and functions in cellular adaptations. FASEB Journal, 2015, 29, 4901-4913.	0.5	35
115	Removal of phosphorus from water using scallop shell synthesized ceramic biomaterials. Environmental Earth Sciences, 2014, 71, 2133-2142.	2.7	18
116	Fluoride removal on Feâ€“Al-impregnated granular ceramic adsorbent from aqueous solution. Clean Technologies and Environmental Policy, 2014, 16, 609-617.	4.1	44
117	A soil infiltration system incorporated with sulfur-utilizing autotrophic denitrification (SISSAD) for domestic wastewater treatment. Bioresource Technology, 2014, 159, 272-279.	9.6	30
118	A bibliometric analysis of research on upflow anaerobic sludge blanket (UASB) from 1983 to 2012. Scientometrics, 2014, 100, 189-202.	3.0	12
119	Study on the immune response to recombinant Hsp70 protein from Megalobrama amblycephala. Immunobiology, 2014, 219, 850-858.	1.9	15
120	Pyrite-based autotrophic denitrification for remediation of nitrate contaminated groundwater. Bioresource Technology, 2014, 173, 117-123.	9.6	121
121	Optimization of C/N and current density in a heterotrophic/biofilm-electrode autotrophic denitrification reactor (HAD-BER). Bioresource Technology, 2014, 171, 389-395.	9.6	49
122	Production of reducing sugars from corn stover by electrolysis. Journal of Applied Electrochemistry, 2014, 44, 797-806.	2.9	7
123	A bench-scale denitrification wall for simulating the in-situ treatment of nitrate-contaminated groundwater. Ecological Engineering, 2014, 73, 536-544.	3.6	9
124	Behavior of total phosphorus removal in an intelligent controlled sequencing batch biofilm reactor for municipal wastewater treatment. Bioresource Technology, 2013, 132, 190-196.	9.6	24
125	Characteristics of heterotrophic/biofilm-electrode autotrophic denitrification for nitrate removal from groundwater. Bioresource Technology, 2013, 148, 121-127.	9.6	89
126	An electrochemical process intensified by bipolar iron particles for nitrate removal from synthetic groundwater. Journal of Solid State Electrochemistry, 2013, 17, 1013-1020.	2.5	22

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127	Preparation and characterization of ferric-impregnated granular ceramics (FGCs) for phosphorus removal from aqueous solution. Clean Technologies and Environmental Policy, 2013, 15, 375-382.	4.1	5
128	Preparation and characterization of lanthanum(III) loaded granular ceramic for phosphorus adsorption from aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 783-789.	5.3	71
129	Molecular characterization and expression analysis of three hypoxia-inducible factor alpha subunits, HIF-1Î±/2Î±/3Î± of the hypoxia-sensitive freshwater species, Chinese sucker. Gene, 2012, 498, 81-90.	2.2	56
130	Investigations on the batch and fixed-bed column performance of fluoride adsorption by Kanuma mud. Desalination, 2011, 268, 76-82.	8.2	124
131	Preparation and characterization of porous granular ceramic containing dispersed aluminum and iron oxides as adsorbents for fluoride removal from aqueous solution. Journal of Hazardous Materials, 2011, 186, 863-868.	12.4	107
132	Isolation of polymorphic microsatellite loci from an endangered freshwater species Chinese sucker, Myxocyprinus asiaticus. Conservation Genetics Resources, 2010, 2, 73-75.	0.8	6
133	Application of simplex-centroid mixture design in developing and optimizing ceramic adsorbent for As(V) removal from water solution. Microporous and Mesoporous Materials, 2010, 131, 115-121.	4.4	37
134	Analysis of P-glycoprotein structure and binding sites. , 2010, , .		0
135	Application of Taguchi experimental design methodology in optimization for adsorption of phosphorus onto Al/Ca-impregnated granular clay material. Desalination and Water Treatment, 0, , 1-11.	1.0	2
136	Chromium(VI) removal from aqueous solution using a new synthesized adsorbent. Desalination and Water Treatment, 0, , 1-11.	1.0	2
137	Kinetic studies for nitrate adsorption on granular chitosanâ€“Fe(III) complex. Desalination and Water Treatment, 0, , 1-11.	1.0	10