

Nan Chen

List of Publications by Year in descending order

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papers

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101543

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138
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Pyrite-based autotrophic denitrification for remediation of nitrate contaminated groundwater. <i>Bioresource Technology</i> , 2014, 173, 117-123.	9.6	121
4	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
5	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
6	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
7	Fluoride removal from aqueous solution by Zirconium-Chitosan/Graphene Oxide Membrane. <i>Reactive and Functional Polymers</i> , 2017, 114, 127-135.	4.1	96
8	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
9	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
10	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
11	Characteristics of heterotrophic/biofilm-electrode autotrophic denitrification for nitrate removal from groundwater. <i>Bioresource Technology</i> , 2013, 148, 121-127.	9.6	89
12	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
13	A General and Extremely Simple Remote Approach toward Graphene Bulks with In Situ Multifunctionalization. <i>Advanced Materials</i> , 2016, 28, 3305-3312.	21.0	79
14	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
15	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
16	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
17	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
18	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.	4.7	67

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19	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
20	Effect of electro-stimulation on activity of heterotrophic denitrifying bacteria and denitrification performance. <i>Bioresource Technology</i> , 2015, 196, 123-128.	9.6	57
21	Molecular characterization and expression analysis of three hypoxia-inducible factor alpha subunits, HIF-1 α /2 α /3 α of the hypoxia-sensitive freshwater species, Chinese sucker. <i>Gene</i> , 2012, 498, 81-90.	2.2	56
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Research on the treatment of biologically treated landfill leachate by joint electrochemical system. <i>Waste Management</i> , 2018, 82, 177-187.	7.4	43
34	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
35	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
36	Performance and enhancement mechanism of corncob guiding chromium (VI) bioreduction. <i>Water Research</i> , 2021, 197, 117057.	11.3	38

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37	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
38	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
39	Retarding Ostwald Ripening to Directly Cast 3D Porous Graphene Oxide Bulks at Open Ambient Conditions. <i>ACS Nano</i> , 2020, 14, 6249-6257.	14.6	37
40	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
41	Microbial response and adaption to thallium contamination in soil profiles. <i>Journal of Hazardous Materials</i> , 2022, 423, 127080.	12.4	37
42	Coupling enhancement of Chromium(VI) bioreduction in groundwater by phosphorus minerals. <i>Chemosphere</i> , 2020, 240, 124896.	8.2	36
43	The zebrafish miR-462/miR-731 cluster is induced under hypoxic stress via hypoxia-inducible factor 1 α and functions in cellular adaptations. <i>FASEB Journal</i> , 2015, 29, 4901-4913.	0.5	35
44	Denitrification of synthetic nitrate-contaminated groundwater combined with rice washing drainage treatment. <i>Ecological Engineering</i> , 2016, 95, 152-159.	3.6	34
45	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
46	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
47	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.	4.2	33
48	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
49	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
50	Efficient phosphate removal from wastewater by MgAl-LDHs modified hydrochar derived from tobacco stalk. <i>Bioresource Technology Reports</i> , 2019, 8, 100348.	2.7	31
51	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
52	Degradation of p-nitrophenol by nano-pyrite catalyzed Fenton reaction with enhanced peroxide utilization. <i>RSC Advances</i> , 2020, 10, 15901-15912.	3.6	30
53	Changes in microbial community diversity, composition, and functions upon nitrate and Cr(VI) contaminated groundwater. <i>Chemosphere</i> , 2022, 288, 132476.	8.2	30
54	Molecular characterization and mRNA expression of HIF-prolyl hydroxylase-2 (phd2) in hypoxia-sensing pathways from <i>Megalobrama amblycephala</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 186, 28-35.	1.6	29

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55	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
56	Effects of Acute Hypoxia and Reoxygenation on Physiological and Immune Responses and Redox Balance of Wuchang Bream (<i>Megalobrama amblycephala</i> Yih, 1955). <i>Frontiers in Physiology</i> , 2017, 8, 375.	2.8	29
57	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
58	Roles of functional groups and irons on bromate removal by FeCl ₃ modified porous carbon. <i>Applied Surface Science</i> , 2019, 488, 681-687.	6.1	29
59	Insight into efficient phosphorus removal/recovery from enhanced methane production of waste activated sludge with chitosan-Fe supplementation. <i>Water Research</i> , 2020, 187, 116427.	11.3	29
60	Numerical Analysis of Midinfrared D-Shaped Photonic-Crystal-Fiber Sensor Based on Surface-Plasmon-Resonance Effect for Environmental Monitoring. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3897.	2.5	29
61	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
62	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
63	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.	8.2	26
64	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
65	Fast Capture of Fluoride by Anion-Exchange Zirconium-Graphene Hybrid Adsorbent. <i>Langmuir</i> , 2019, 35, 6861-6869.	3.5	24
66	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
67	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.	4.7	23
68	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
69	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
70	Enhancement of textile-dyeing sludge dewaterability using a novel cationic polyacrylamide: role of cationic block structures. <i>RSC Advances</i> , 2017, 7, 11626-11635.	3.6	22
71	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
72	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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73	Sulfur-based autotrophic denitrification with eggshell for nitrate-contaminated synthetic groundwater treatment. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 3094-3103.	2.2	21
74	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.	2.4	21
75	An efficient full-length cDNA amplification strategy based on bioinformatics technology and multiplexed PCR methods. <i>Scientific Reports</i> , 2016, 6, 19420.	3.3	19
76	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.	2.9	19
77	Treatment of nitrate containing wastewater by adsorption process using polypyrrole-modified plastic-carbon: Characteristic and mechanism. <i>Chemosphere</i> , 2022, 297, 134107.	8.2	19
78	Removal of phosphorus from water using scallop shell synthesized ceramic biomaterials. <i>Environmental Earth Sciences</i> , 2014, 71, 2133-2142.	2.7	18
79	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.	5.3	18
80	Simultaneous bio-reduction of nitrate and Cr(VI) by mechanical milling activated corn straw. <i>Journal of Hazardous Materials</i> , 2022, 429, 128258.	12.4	18
81	Zebrafish let-7b acts downstream of hypoxia-inducible factor-1 α to assist in hypoxia-mediated cell proliferation and cell cycle regulation. <i>Life Sciences</i> , 2017, 171, 21-29.	4.3	17
82	Treatment of polluted river sediment by electrochemical oxidation: Changes of hydrophilicity and acute cytotoxicity of dissolved organic matter. <i>Chemosphere</i> , 2020, 243, 125283.	8.2	16
83	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.	7.5	16
84	Automatic Landform Recognition from the Perspective of Watershed Spatial Structure Based on Digital Elevation Models. <i>Remote Sensing</i> , 2021, 13, 3926.	4.0	16
85	Enhanced Cr(VI) reduction in biocathode microbial electrolysis cell using Fenton-derived ferric sludge. <i>Water Research</i> , 2022, 212, 118144.	11.3	16
86	Study on the immune response to recombinant Hsp70 protein from <i>Megalobrama amblycephala</i> . <i>Immunobiology</i> , 2014, 219, 850-858.	1.9	15
87	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.	2.6	15
88	Degradation of nitrogen-containing refractory organic wastewater using a novel alternating-anode electrochemical system. <i>Science of the Total Environment</i> , 2019, 697, 134161.	8.0	15
89	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
90	Synthesis and environmental application of zirconium-chitosan/graphene oxide membrane. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 77, 106-112.	5.3	14

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91	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.	3.2	14
92	Numerical Investigation of a Short Polarization Beam Splitter Based on Dual-Core Photonic Crystal Fiber with As ₂ S ₃ Layer. <i>Micromachines</i> , 2020, 11, 706.	2.9	14
93	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.	12.7	13
94	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.	5.5	13
95	A bibliometric analysis of research on upflow anaerobic sludge blanket (UASB) from 1983 to 2012. <i>Scientometrics</i> , 2014, 100, 189-202.	3.0	12
96	Alternative splicing transcription of <i>Megalobrama amblycephala</i> HIF prolyl hydroxylase PHD3 and up-regulation of PHD3 by HIF-1 α . <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 737-742.	2.1	11
97	Fabrication of a Novel p-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.	2.6	11
98	Reusable OIRD Microarray Chips Based on a Bienzyme-Immobilized Polyaniline Nanowire Forest for Multiplexed Detection of Biological Small Molecules. <i>Analytical Chemistry</i> , 2021, 93, 10697-10703.	6.5	11
99	Kinetic studies for nitrate adsorption on granular chitosan-Fe(III) complex. <i>Desalination and Water Treatment</i> , 0, , 1-11.	1.0	10
100	Involvement of the miR-462/731 cluster in hypoxia response in <i>Megalobrama amblycephala</i> . <i>Fish Physiology and Biochemistry</i> , 2017, 43, 863-873.	2.3	10
101	Broadband Plasmonic Polarization Filter Based on Photonic Crystal Fiber with Dual-Ring Gold Layer. <i>Micromachines</i> , 2020, 11, 470.	2.9	10
102	Performance and mechanism of a novel woodchip embedded biofilm electrochemical reactor (WBER) for nitrate-contaminated wastewater treatment. <i>Chemosphere</i> , 2021, 276, 130250.	8.2	10
103	The zebrafish miR-125c is induced under hypoxic stress via hypoxia-inducible factor 1 α and functions in cellular adaptations and embryogenesis. <i>Oncotarget</i> , 2017, 8, 73846-73859.	1.8	10
104	A bench-scale denitrification wall for simulating the in-situ treatment of nitrate-contaminated groundwater. <i>Ecological Engineering</i> , 2014, 73, 536-544.	3.6	9
105	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
106	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.	2.7	9
107	Practical application potential of microbial-phosphorus minerals-alginate immobilized particles on chromium(VI)-bioreduction. <i>Science of the Total Environment</i> , 2020, 742, 140685.	8.0	9
108	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.	2.4	9

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109	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.	9.3	8
110	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.	7.8	8
111	Rice husk-intensified cathode driving bioelectrochemical reactor for remediating nitrate-contaminated groundwater. <i>Science of the Total Environment</i> , 2022, 837, 155917.	8.0	8
112	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.	8.0	8
113	Production of reducing sugars from corn stover by electrolysis. <i>Journal of Applied Electrochemistry</i> , 2014, 44, 797-806.	2.9	7
114	Chemical regeneration mechanism of Fe-impregnated chitosan using ferric chloride. <i>RSC Advances</i> , 2015, 5, 77610-77618.	3.6	7
115	Molecular response and association analysis of <i>Megalobrama amblycephala</i> fih-1 with hypoxia. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1615-1624.	2.1	7
116	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.	2.3	7
117	Anaerobic Bioremediation Performance and Indigenous Microbial Communities in Treatment of Trichloroethylene/Nitrate-Contaminated Groundwater. <i>Environmental Engineering Science</i> , 2018, 35, 311-322.	1.6	7
118	Landform classification based on landform geospatial structure – a case study on Loess Plateau of China. <i>International Journal of Digital Earth</i> , 2022, 15, 1125-1148.	3.9	7
119	Isolation of polymorphic microsatellite loci from an endangered freshwater species Chinese sucker, <i>Myxocyprinus asiaticus</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 73-75.	0.8	6
120	The molecular characterization, expression pattern and alternative initiation of <i>Megalobrama amblycephala</i> Hif prolyl hydroxylase Phd1. <i>Gene</i> , 2018, 678, 219-225.	2.2	6
121	Deriving the slope-mean shielded astronomical solar radiation spectrum and slope-mean possible sunshine duration spectrum over the Loess Plateau. <i>Journal of Mountain Science</i> , 2020, 17, 133-146.	2.0	6
122	Preparation and characterization of ferric-impregnated granular ceramics (FGCs) for phosphorus removal from aqueous solution. <i>Clean Technologies and Environmental Policy</i> , 2013, 15, 375-382.	4.1	5
123	Kinetic studies of nitrate removal from aqueous solution using granular chitosan-Fe(III) complex. <i>Water Science and Technology</i> , 2016, 73, 1211-1220.	2.5	5
124	Chromium(VI) bioreduction behavior and microbial revolution by phosphorus minerals in continuous flow experiment. <i>Bioresource Technology</i> , 2020, 315, 123847.	9.6	5
125	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.	4.7	4
126	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.	2.7	4

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127	Spectra method for revealing relations between slope and possible sunshine duration in China. Earth Science Informatics, 2020, 13, 695-707.	3.2	4
128	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
129	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
130	Chromium(VI) removal from aqueous solution using a new synthesized adsorbent. Desalination and Water Treatment, 0, , 1-11.	1.0	2
131	Chemical Labeling of Protein 4â€²â€²Phosphopantetheinylation. ChemBioChem, 2021, 22, 1357-1367.	2.6	2
132	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
133	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
134	Analysis of P-glycoprotein structure and binding sites. , 2010, , .		0
135	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
136	Research on the Generation Method of Spatiotemporal Link Sensor Data Based on Attribute Integrity. , 2019, , .		0
137	Amelioration of Fructus Ligustri Lucidi and its phenol glycosides on hypercalciuria via stimulating PTH1R/PKA/TRPV5 signaling. Phytomedicine, 2022, 98, 153982.	5.3	0