

Eakalak Khan

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

4,920
citations

94433

37
h-index

118850

62
g-index

189
all docs

189
docs citations

189
times ranked

5378
citing authors

#	ARTICLE	IF	CITATIONS
1	Microplastics as pollutants in agricultural soils. <i>Environmental Pollution</i> , 2020, 265, 114980.	7.5	359
2	Evaluating biochar and its modifications for the removal of ammonium, nitrate, and phosphate in water. <i>Water Research</i> , 2020, 186, 116303.	11.3	248
3	Recent advances in photodegradation of antibiotic residues in water. <i>Chemical Engineering Journal</i> , 2021, 405, 126806.	12.7	234
4	Entrapment of iron nanoparticles in calcium alginate beads for groundwater remediation applications. <i>Journal of Hazardous Materials</i> , 2009, 166, 1339-1343.	12.4	202
5	Emerging contaminants in wastewater, stormwater runoff, and surface water: Application as chemical markers for diffuse sources. <i>Science of the Total Environment</i> , 2019, 676, 252-267.	8.0	143
6	Mineralization and biodegradability enhancement of natural organic matter by ozone+VUV in comparison with ozone, VUV, ozone+UV, and UV: Effects of pH and ozone dose. <i>Water Research</i> , 2010, 44, 3531-3543.	11.3	135
7	Thermal remediation alters soil properties – a review. <i>Journal of Environmental Management</i> , 2018, 206, 826-835.	7.8	126
8	A review on risk assessment techniques for hydraulic fracturing water and produced water management implemented in onshore unconventional oil and gas production. <i>Science of the Total Environment</i> , 2016, 539, 478-493.	8.0	121
9	Use of biomass sorbents for oil removal from gas station runoff. <i>Chemosphere</i> , 2004, 57, 681-689.	8.2	106
10	Freshwater neurotoxins and concerns for human, animal, and ecosystem health: A review of anatoxin-a and saxitoxin. <i>Science of the Total Environment</i> , 2020, 736, 139515.	8.0	102
11	Nanoscale zero-valent iron for metal/metalloid removal from model hydraulic fracturing wastewater. <i>Chemosphere</i> , 2017, 176, 315-323.	8.2	93
12	Degradation of antibiotics by modified vacuum-UV based processes: Mechanistic consequences of H ₂ O ₂ and K ₂ S ₂ O ₈ in the presence of halide ions. <i>Science of the Total Environment</i> , 2019, 664, 312-321.	8.0	92
13	Bioavailable and biodegradable dissolved organic nitrogen in activated sludge and trickling filter wastewater treatment plants. <i>Water Research</i> , 2013, 47, 3201-3210.	11.3	77
14	Removal of 1,4-dioxane from water using sonication: Effect of adding oxidants on the degradation kinetics. <i>Water Research</i> , 2006, 40, 692-698.	11.3	71
15	Impact of nanoscale zero valent iron on bacteria is growth phase dependent. <i>Chemosphere</i> , 2016, 144, 352-359.	8.2	71
16	Characterizations of purple non-sulfur bacteria isolated from paddy fields, and identification of strains with potential for plant growth-promotion, greenhouse gas mitigation and heavy metal bioremediation. <i>Research in Microbiology</i> , 2017, 168, 266-275.	2.1	66
17	Encapsulation of iron nanoparticles in alginate biopolymer for trichloroethylene remediation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6673-6681.	1.9	65
18	Relationship between respirometric activity and community of entrapped nitrifying bacteria: Implications for partial nitrification. <i>Enzyme and Microbial Technology</i> , 2010, 46, 229-236.	3.2	59

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19	Effect of silver nanoparticles on <i>Pseudomonas putida</i> biofilms at different stages of maturity. <i>Journal of Hazardous Materials</i> , 2015, 290, 127-133.	12.4	58
20	Aging effects on chemical transformation and metal(loid) removal by entrapped nanoscale zero-valent iron for hydraulic fracturing wastewater treatment. <i>Science of the Total Environment</i> , 2018, 615, 498-507.	8.0	55
21	Simultaneous manganese adsorption and biotransformation by <i>Streptomyces violaceus</i> strain SBP1 cell-immobilized biochar. <i>Science of the Total Environment</i> , 2020, 713, 136708.	8.0	54
22	Chromium Removal from Soil by Phytoremediation with Weed Plant Species in Thailand. <i>Water, Air and Soil Pollution</i> , 2006, 6, 191-206.	0.8	53
23	Effects of iron type in Fenton reaction on mineralization and biodegradability enhancement of hazardous organic compounds. <i>Journal of Hazardous Materials</i> , 2009, 161, 1024-1034.	12.4	52
24	Seasonal variation and ex-situ nitrification activity of ammonia oxidizing archaea in biofilm based wastewater treatment processes. <i>Bioresource Technology</i> , 2017, 244, 850-859.	9.6	52
25	A Comparative Study of Immobilized Nitrifying and Co-Immobilized Nitrifying and Denitrifying Bacteria for Ammonia Removal from Sludge Digester Supernatant. <i>Water, Air, and Soil Pollution</i> , 2008, 195, 23-33.	2.4	51
26	Simultaneous bioprecipitation of cadmium to cadmium sulfide nanoparticles and nitrogen fixation by <i>Rhodospseudomonas palustris</i> TN110. <i>Chemosphere</i> , 2019, 223, 455-464.	8.2	51
27	Fate of dissolved organic nitrogen in two stage trickling filter process. <i>Water Research</i> , 2012, 46, 5115-5126.	11.3	49
28	Sorption, Fate, and Mobility of Sulfonamides in Soils. <i>Water, Air, and Soil Pollution</i> , 2011, 218, 49-61.	2.4	45
29	Evidence that <i>Cryptosporidium parvum</i> Populations Are Panmictic and Unstructured in the Upper Midwest of the United States. <i>Applied and Environmental Microbiology</i> , 2012, 78, 8096-8101.	3.1	45
30	Removal of chlorinated organic solvents from hydraulic fracturing wastewater by bare and entrapped nanoscale zero-valent iron. <i>Chemosphere</i> , 2018, 196, 9-17.	8.2	45
31	Nanomaterials for sustainable remediation of chemical contaminants in water and soil. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2611-2660.	12.8	45
32	Carbon-based adsorbents for fluoroquinolone removal from water and wastewater: A critical review. <i>Environmental Research</i> , 2021, 197, 111091.	7.5	44
33	Evaluation of Soil Function Following Remediation of Petroleum Hydrocarbons—a Review of Current Remediation Techniques. <i>Current Pollution Reports</i> , 2017, 3, 192-205.	6.6	43
34	Photodegradation of haloacetonitriles in water by vacuum ultraviolet irradiation: Mechanisms and intermediate formation. <i>Water Research</i> , 2016, 98, 160-167.	11.3	42
35	Effect of Cell-to-matrix Ratio in Polyvinyl Alcohol Immobilized Pure and Mixed Cultures on Atrazine Degradation. <i>Water, Air and Soil Pollution</i> , 2008, 8, 257-266.	0.8	39
36	Impact of solids retention time on dissolved organic nitrogen and its biodegradability in treated wastewater. <i>Water Research</i> , 2016, 92, 44-51.	11.3	39

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37	Membrane Alterations in <i>Pseudomonas putida</i> F1 Exposed to Nanoscale Zerovalent Iron: Effects of Short-Term and Repetitive nZVI Exposure. <i>Environmental Science & Technology</i> , 2017, 51, 7804-7813.	10.0	39
38	Current progress in treatment techniques of triclosan from wastewater: A review. <i>Science of the Total Environment</i> , 2019, 696, 133990.	8.0	39
39	Atrazine removal in agricultural infiltrate by bioaugmented polyvinyl alcohol immobilized and free <i>Agrobacterium radiobacter</i> J14a: A sand column study. <i>Chemosphere</i> , 2009, 74, 308-313.	8.2	36
40	Method development for measuring biodegradable organic carbon in reclaimed and treated wastewaters. <i>Water Environment Research</i> , 1998, 70, 1025-1032.	2.7	34
41	Entrapped cells-based-anaerobic membrane bioreactor treating domestic wastewater: Performances, fouling, and bacterial community structure. <i>Chemosphere</i> , 2017, 187, 147-155.	8.2	32
42	Role of oxidative stress in inactivation of <i>Escherichia coli</i> BW25113 by nanoscale zero-valent iron. <i>Science of the Total Environment</i> , 2016, 565, 857-862.	8.0	31
43	Biodegradable dissolved organic carbon for indicating wastewater reclamation plant performance and treated wastewater quality. <i>Water Environment Research</i> , 1998, 70, 1033-1040.	2.7	30
44	Mercury capture from natural gas by carbon supported ionic liquids: Synthesis, evaluation and molecular mechanism. <i>Fuel</i> , 2016, 177, 296-303.	6.4	30
45	Rapid Fractionation of Natural Organic Matter in Water Using a Novel Solid-Phase Extraction Technique. <i>Water Environment Research</i> , 2009, 81, 2299-2308.	2.7	29
46	Recent Advancements in the Removal of Cyanotoxins from Water Using Conventional and Modified Adsorbents—A Contemporary Review. <i>Water (Switzerland)</i> , 2020, 12, 2756.	2.7	29
47	The roles of suspended solids in persulfate/Fe ²⁺ treatment of hydraulic fracturing wastewater: Synergistic interplay of inherent wastewater components. <i>Chemical Engineering Journal</i> , 2020, 388, 124243.	12.7	29
48	North American tree squirrels and ground squirrels with overlapping ranges host different <i>Cryptosporidium</i> species and genotypes. <i>Infection, Genetics and Evolution</i> , 2015, 36, 287-293.	2.3	28
49	Dependence of toxicity of silver nanoparticles on <i>Pseudomonas putida</i> biofilm structure. <i>Chemosphere</i> , 2017, 188, 199-207.	8.2	28
50	Overlapping Photodegradable and Biodegradable Organic Nitrogen in Wastewater Effluents. <i>Environmental Science & Technology</i> , 2013, 47, 7163-7170.	10.0	27
51	Sorption and degradation of 17 β -estradiol-17-sulfate in sterilized soil-water systems. <i>Chemosphere</i> , 2015, 119, 1322-1328.	8.2	27
52	Microbial communities in Bakken region produced water. <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	27
53	Bromate Formation by Ozone-VUV in Comparison with Ozone and Ozone-UV: Effects of pH, Ozone Dose, and VUV Power. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 187-195.	1.4	26
54	Performance indicators for a holistic evaluation of catalyst-based degradation—A case study of selected pharmaceuticals and personal care products (PPCPs). <i>Journal of Hazardous Materials</i> , 2021, 402, 123460.	12.4	26

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55	Dissipation and transformation of 17 β -estradiol-17-sulfate in soil-water systems. <i>Journal of Hazardous Materials</i> , 2013, 260, 733-739.	12.4	25
56	<i>Cryptosporidium galli</i> and novel <i>Cryptosporidium</i> avian genotype VI in North American red-winged blackbirds (<i>Agelaius phoeniceus</i>). <i>Parasitology Research</i> , 2016, 115, 1901-1906.	1.6	25
57	Stoichiometric carbocatalysis via epoxide-like C \sim S \sim O configuration on sulfur-doped biochar for environmental remediation. <i>Journal of Hazardous Materials</i> , 2022, 428, 128223.	12.4	25
58	Effects of moisture content and initial pH in composting process on heavy metal removal characteristics of grass clipping compost used for stormwater filtration. <i>Bioresource Technology</i> , 2009, 100, 4454-4461.	9.6	24
59	Effects of field-manure applications on stratified 17 β -estradiol concentrations. <i>Journal of Hazardous Materials</i> , 2011, 192, 748-752.	12.4	23
60	Effects of inoculum type and bulk dissolved oxygen concentration on achieving partial nitrification by entrapped-cell-based reactors. <i>Bioresource Technology</i> , 2014, 164, 254-263.	9.6	22
61	Highly divergent 18S rRNA gene paralogs in a <i>Cryptosporidium</i> genotype from eastern chipmunks (<i>Tamias striatus</i>). <i>Infection, Genetics and Evolution</i> , 2015, 32, 113-123.	2.3	21
62	Risk assessment of human exposure to Ra-226 in oil produced water from the Bakken Shale. <i>Science of the Total Environment</i> , 2018, 626, 867-874.	8.0	21
63	Biofiltration for treatment of recent emerging contaminants in water: Current and future perspectives. <i>Water Environment Research</i> , 2021, 93, 972-992.	2.7	21
64	GenX is not always a better fluorinated organic compound than PFOA: A critical review on aqueous phase treatability by adsorption and its associated cost. <i>Water Research</i> , 2021, 205, 117683.	11.3	20
65	Survey of Microbial Diversity in Flood Areas during Thailand 2011 Flood Crisis Using High-Throughput Tagged Amplicon Pyrosequencing. <i>PLoS ONE</i> , 2015, 10, e0128043.	2.5	20
66	Method Development for Measuring Biodegradable Dissolved Organic Nitrogen in Treated Wastewater. <i>Water Environment Research</i> , 2009, 81, 779-787.	2.7	19
67	Sustainability likelihood of remediation options for metal-contaminated soil/sediment. <i>Chemosphere</i> , 2017, 174, 421-427.	8.2	19
68	Phytoplankton community and algal toxicity at a recurring bloom in Sullivan Bay, Kabetogama Lake, Minnesota, USA. <i>Scientific Reports</i> , 2019, 9, 16129.	3.3	19
69	Factors Influencing Biodegradable Dissolved Organic Carbon Measurement. <i>Journal of Environmental Engineering, ASCE</i> , 1999, 125, 514-521.	1.4	18
70	Nitrate removal by entrapped zero-valent iron nanoparticles in calcium alginate. <i>Water Science and Technology</i> , 2008, 58, 2215-2222.	2.5	18
71	Dissolved organic nitrogen and its biodegradable portion in a water treatment plant with ozone oxidation. <i>Water Research</i> , 2014, 54, 318-326.	11.3	18
72	Bioavailability of dissolved organic nitrogen (DON) in wastewaters from animal feedlots and storage lagoons. <i>Chemosphere</i> , 2017, 186, 695-701.	8.2	18

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73	Iron turning waste media for treating Endosulfan and Heptachlor contaminated water. <i>Science of the Total Environment</i> , 2019, 685, 124-133.	8.0	18
74	Sustainable use of biochar for resource recovery and pharmaceutical removal from human urine: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 3016-3048.	12.8	18
75	Polycyclic Aromatic Hydrocarbon Removal from Water by Natural Fiber Sorption. <i>Water Environment Research</i> , 2007, 79, 901-911.	2.7	17
76	Effects of cell entrapment on growth rate and metabolic activity of mixed cultures in biological wastewater treatment. <i>Enzyme and Microbial Technology</i> , 2008, 43, 245-251.	3.2	17
77	Interferences contributed by leaching from filters on measurements of collective organic constituents. <i>Water Research</i> , 2007, 41, 1841-1850.	11.3	16
78	Assessing tetrazolium and ATP assays for rapid in situ viability quantification of bacterial cells entrapped in hydrogel beads. <i>Enzyme and Microbial Technology</i> , 2010, 47, 166-173.	3.2	16
79	Stability and Performance of Physically Immobilized Ionic Liquids for Mercury Adsorption from a Gas Stream. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 12114-12123.	3.7	16
80	Fouling characterization in entrapped cells-based-membrane bioreactor treating wastewater. <i>Separation and Purification Technology</i> , 2017, 175, 321-329.	7.9	16
81	Synergistic utilization of inherent halides and alcohols in hydraulic fracturing wastewater for radical-based treatment: A case study of di-(2-ethylhexyl) phthalate removal. <i>Journal of Hazardous Materials</i> , 2020, 384, 121321.	12.4	16
82	Evaluation of Fluoride Adsorption Mechanism and Capacity of Different Types of Bone Char. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6878.	2.6	16
83	Template free method for the synthesis of Ag@PPy core-shell nanospheres with inherent colloidal stability. <i>Synthetic Metals</i> , 2014, 197, 134-143.	3.9	15
84	Removal of aqueous cyanide with strongly basic ion-exchange resin. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1612-1622.	2.2	15
85	Entrapped-cells-based anaerobic forward osmosis membrane bioreactor treating medium-strength domestic wastewater: Fouling characterization and performance evaluation. <i>Chemosphere</i> , 2019, 225, 226-237.	8.2	15
86	Phage shock protein and gene responses of Escherichia coli exposed to carbon nanotubes. <i>Chemosphere</i> , 2019, 224, 461-469.	8.2	15
87	Inhibitory effect of phenol on wastewater ammonification. <i>Bioresource Technology</i> , 2020, 309, 123312.	9.6	15
88	Determination of biodegradable dissolved organic carbon using entrapped mixed microbial cells. <i>Water Research</i> , 2003, 37, 4981-4991.	11.3	14
89	Application of commercial biochemical oxygen demand inocula for biodegradable dissolved organic carbon determination. <i>Water Research</i> , 2005, 39, 4824-4834.	11.3	14
90	Hazardous Waste Treatment Technologies. <i>Water Environment Research</i> , 2008, 80, 1654-1708.	2.7	14

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91	Field Study of Catch Basin Inserts for the Removal of Pollutants from Urban Runoff. <i>Water Resources Management</i> , 2011, 25, 1205-1217.	3.9	14
92	A new method to determine initial viability of entrapped cells using fluorescent nucleic acid staining. <i>Bioresource Technology</i> , 2011, 102, 1622-1627.	9.6	14
93	Holistic risk assessment of surface water contamination due to Pb-210 in oil produced water from the Bakken Shale. <i>Chemosphere</i> , 2017, 169, 627-635.	8.2	14
94	Photolysis of glutaraldehyde in brine: A showcase study for removal of a common biocide in oil and gas produced water. <i>Journal of Hazardous Materials</i> , 2018, 353, 254-260.	12.4	14
95	<i>Cryptosporidium</i> infecting wild cricetid rodents from the subfamilies Arvicolinae and Neotominae. <i>Parasitology</i> , 2018, 145, 326-334.	1.5	14
96	Effects of cell entrapment on growth rate and metabolic activity of pure cultures commonly found in biological wastewater treatment. <i>Biochemical Engineering Journal</i> , 2009, 46, 286-293.	3.6	13
97	A feasibility study of immobilized and free mixed culture bioaugmentation for treating atrazine in infiltrate. <i>Journal of Hazardous Materials</i> , 2009, 168, 1373-1379.	12.4	13
98	Trichloroethene removal by separately encapsulated and co-encapsulated bacterial degraders and nanoscale zero-valent iron. <i>International Biodeterioration and Biodegradation</i> , 2017, 125, 269-276.	3.9	13
99	Abundance and activity of ammonia oxidizing archaea and bacteria in bulk water and biofilm in water supply systems practicing chlorination and chloramination: Full and laboratory scale investigations. <i>Science of the Total Environment</i> , 2020, 715, 137043.	8.0	13
100	A Novel Jumbo Phage PhiMa05 Inhibits Harmful <i>Microcystis</i> sp.. <i>Frontiers in Microbiology</i> , 2021, 12, 660351.	3.5	13
101	Effects of cell entrapment on nucleic acid content and microbial diversity of mixed cultures in biological wastewater treatment. <i>Bioresource Technology</i> , 2011, 102, 3176-3183.	9.6	12
102	Dissolved oxygen/free ammonia (DO/FA) ratio manipulation to gain distinct proportions of nitrogen species in effluent of entrapped-cell-based reactors. <i>Journal of Environmental Management</i> , 2019, 251, 109541.	7.8	12
103	Virgin (Fe ⁰) and microbially regenerated (Fe ²⁺) iron turning waste for treating chlorinated pesticides in water. <i>Journal of Hazardous Materials</i> , 2020, 398, 122980.	12.4	12
104	Interactions between natural organic matter fractions and nanoscale zero-valent iron. <i>Science of the Total Environment</i> , 2021, 796, 148954.	8.0	12
105	Immobilized-Cell-Augmented Activated Sludge Process for Treating Wastewater Containing Hazardous Compounds. <i>Water Environment Research</i> , 2007, 79, 461-471.	2.7	11
106	Biodegradation of paraquat by <i>Pseudomonas putida</i> and <i>Bacillus subtilis</i> immobilized on ceramic with supplemented wastewater sludge. <i>Environmental Pollution</i> , 2021, 286, 117307.	7.5	11
107	Enhanced removal of ammonium from water using sulfonated reed waste biochar-A lab-scale investigation. <i>Environmental Pollution</i> , 2022, 292, 118412.	7.5	11
108	Immobilized Cell Augmented Activated Sludge Process for Enhanced Nitrogen Removal from Wastewater. <i>Water Environment Research</i> , 2007, 79, 2325-2335.	2.7	10

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109	A sustainable solution for removal of glutaraldehyde in saline water with visible light photocatalysis. <i>Chemosphere</i> , 2019, 220, 1083-1090.	8.2	10
110	Iron turning waste: Low cost and sustainable permeable reactive barrier media for remediating dieldrin, endrin, DDT and lindane in groundwater. <i>Environmental Pollution</i> , 2021, 289, 117825.	7.5	10
111	Use of Biodegradable Dissolved Organic Carbon to Assess Treatment Process Performance in Relation to Solids Retention Time. <i>Water Environment Research</i> , 2001, 73, 517-525.	2.7	9
112	Nitrate Removal from Agricultural Infiltrate by Bioaugmented Free and Alginate Entrapped Cells. <i>Water Environment Research</i> , 2010, 82, 617-621.	2.7	9
113	Effects of entrapment on nucleic acid content, cell morphology, cell surface property, and stress of pure cultures commonly found in biological wastewater treatment. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 407-418.	3.6	9
114	The effect of single-walled carbon nanotubes on <i>Escherichia coli</i> : multiple indicators of viability. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	9
115	Impact of operations and cleaning on membrane fouling at a wastewater reclamation facility. <i>Journal of Environmental Management</i> , 2017, 193, 326-333.	7.8	9
116	Unintentional release of antibiotics associated with nutrients recovery from source-separated human urine by biochar. <i>Chemosphere</i> , 2022, 299, 134426.	8.2	9
117	Mitigation of nitrification inhibition by silver nanoparticles using cell entrapment technique. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	8
118	Mitigation of bactericidal effect of carbon nanotubes by cell entrapment. <i>Science of the Total Environment</i> , 2016, 565, 787-794.	8.0	8
119	Perceived risks of produced water management and naturally occurring radioactive material content in North Dakota. <i>Journal of Environmental Management</i> , 2017, 196, 56-62.	7.8	8
120	Vacuum ultraviolet irradiation for mitigating dissolved organic nitrogen and formation of haloacetonitriles. <i>Environmental Research</i> , 2020, 185, 109454.	7.5	8
121	Fundamentals and Applications of Entrapped Cell Bioaugmentation for Contaminant Removal. , 2010, , 147-169.		8
122	Hazardous Waste Treatment Technologies. <i>Water Environment Research</i> , 2007, 79, 1858-1902.	2.7	7
123	Groundwater Remediation Using an Enricher Reactor Permeable Reactive Biobarrier for Periodically Absent Contaminants. <i>Water Environment Research</i> , 2011, 83, 603-612.	2.7	7
124	Effect of carbon source during enrichment on BTEX degradation by anaerobic mixed bacterial cultures. <i>Biodegradation</i> , 2013, 24, 279-293.	3.0	7
125	Optimization of carriers and packaging for effective biofertilizers to enhance <i>Oryza sativa</i> L. growth in paddy soil. <i>Rhizosphere</i> , 2021, 19, 100383.	3.0	7
126	Mineralization and Biodegradability Enhancement of Low Level p-Nitrophenol in Water Using Fenton Reagent. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 327-331.	1.4	6

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127	Use of Low-Frequency Sonication for the Production of Biodegradable Dissolved Organic Carbon in Water. <i>Environmental Engineering Science</i> , 2006, 23, 367-371.	1.6	6
128	Enricher reactor “ Permeable reactive biobarrier approach for removing a mixture of contaminants with substrate interactions. <i>Bioresource Technology</i> , 2013, 146, 336-344.	9.6	6
129	Photodegradation of (E)- and (Z)-Endoxifen in water by ultraviolet light: Efficiency, kinetics, by-products, and toxicity assessment. <i>Water Research</i> , 2020, 171, 115451.	11.3	6
130	Cyanotoxin mixture models: Relating environmental variables and toxin co-occurrence to human exposure risk. <i>Journal of Hazardous Materials</i> , 2021, 415, 125560.	12.4	6
131	Reactivity characterization of SiO ₂ -coated nano zero-valent iron for iodoacetamide degradation: The effects of SiO ₂ thickness, and the roles of dehalogenation, hydrolysis and adsorption. <i>Chemosphere</i> , 2022, 286, 131816.	8.2	6
132	Effect of Leaching from Filters on Laboratory Analyses of Collective Organic Constituents. <i>Proceedings of the Water Environment Federation</i> , 2006, 2006, 901-918.	0.0	5
133	Bromate formation control by enhanced ozonation: A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1154-1198.	12.8	5
134	Effects of cathode coating materials and operational time on the mercury removal performance of electrokinetic remediation system for marine sediment. <i>Journal of Environmental Management</i> , 2021, 288, 112443.	7.8	5
135	Characterization of dissolved organic carbon and disinfection by-products in biochar filter leachate using orbitrap mass spectrometry. <i>Journal of Hazardous Materials</i> , 2022, 424, 127691.	12.4	5
136	Phytoplankton community interactions and cyanotoxin mixtures in three recurring surface blooms within one lake. <i>Journal of Hazardous Materials</i> , 2022, 427, 128142.	12.4	5
137	Vinasse-based biochar magnetic composites: adsorptive removal of tetracycline in aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2023, 30, 8916-8927.	5.3	5
138	Influence of ammonia and NaCl on nitrifying community and activity: Implications for formulating nitrifying culture augmentation. <i>Science of the Total Environment</i> , 2022, 833, 155132.	8.0	5
139	Nutrient balancing for phytoremediation enhancement of urea manufacturing raw wastewater. <i>Journal of Environmental Management</i> , 2017, 202, 225-231.	7.8	4
140	Binary Exchanges of Calcium, Magnesium, and Potassium on Thermally Desorbed Soil. <i>Soil Science Society of America Journal</i> , 2017, 81, 1088-1095.	2.2	4
141	Systemic risk analyses for potential impacts of onshore unconventional oil and gas development on public health and the environment: A critical review. <i>Science of the Total Environment</i> , 2021, 786, 147512.	8.0	4
142	Hydraulic Fracturing Chemical Disclosure Policy and Data Analysis: Metrics and Trends in Transparency. <i>Environmental Science & Technology</i> , 2021, 55, 3918-3928.	10.0	3
143	Nitrogen transformation in slightly polluted surface water by a novel biofilm reactor: Long-term performance and microbial population characteristics. <i>Science of the Total Environment</i> , 2022, 829, 154623.	8.0	3
144	Hazardous Waste Treatment Technologies. <i>Water Environment Research</i> , 2004, 76, 1872-1966.	2.7	2

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145	Hazardous Waste Treatment Technologies. <i>Water Environment Research</i> , 2005, 77, 2144-2243.	2.7	2
146	A Sustainable Rural Food-Energy-Water Nexus Framework for the Northern Great Plains. <i>Agricultural and Environmental Letters</i> , 2016, 1, 160008.	1.2	2
147	Investigating organic nitrogen production in activated sludge process: Size fraction and biodegradability. <i>Science of the Total Environment</i> , 2021, 773, 145695.	8.0	2
148	Production and removal of soluble organic nitrogen by nitrifying biofilm. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105440.	6.7	2
149	Trihalomethanes in Water Supply System and Water Distribution Networks. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9066.	2.6	2
150	<i>Microcystis</i> Sp. Co-Producing Microcystin and Saxitoxin from Songkhla Lake Basin, Thailand. <i>Toxins</i> , 2021, 13, 631.	3.4	2
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