Chunjiang An

List of Publications by Year
in descending order

146 papers	4,578 citations	81839 39 h-index	133188 59 g-index
147 all docs	147 docs citations	147 times ranked	3787 citing authors

#	Article	IF	Citations
1	Emerging usage of electrocoagulation technology for oil removal from wastewater: A review. Science of the Total Environment, 2017, 579, 537-556.	3.9	309
2	Disposable masks release microplastics to the aqueous environment with exacerbation by natural weathering. Journal of Hazardous Materials, 2021, 417, 126036.	6.5	225
3	Effect of short-chain organic acids on the enhanced desorption of phenanthrene by rhamnolipid biosurfactant in soilâ€“water environment. Water Research, 2011, 45, 5501-5510.	5.3	118
4	Anaerobic digestion of livestock manure in cold regions: Technological advancements and global impacts. Renewable and Sustainable Energy Reviews, 2020, 119, 109494.	8.2	111
5	Combined effects of DOM extracted from site soil/compost and biosurfactant on the sorption and desorption of PAHs in a soilâ€“water system. Journal of Hazardous Materials, 2011, 190, 883-890.	6.5	105
6	Removal of Tetrabromobisphenol A by adsorption on pinecone-derived activated charcoals: Synchrotron FTIR, kinetics and surface functionality analyses. Bioresource Technology, 2018, 247, 812-820.	4.8	103
7	Assessing the impact of COVID-19 pandemic on urban transportation and air quality in Canada. Science of the Total Environment, 2021, 765, 144270.	3.9	100
8	Emerging N-nitrosamines and N-nitramines from amine-based post-combustion CO2 capture â€“ A review. Chemical Engineering Journal, 2018, 335, 921-935.	6.6	94
9	Removal of sulfonated humic acid from aqueous phase by modified coal fly ash waste: Equilibrium and kinetic adsorption studies. Fuel, 2016, 165, 264-271.	3.4	91
10	Removal of Tannin from Aqueous Solution by Adsorption onto Treated Coal Fly Ash: Kinetic, Equilibrium, and Thermodynamic Studies. Industrial & Engineering Chemistry Research, 2013, 52, 15923-15931.	1.8	77
11	Effect of short-chain organic acids and pH on the behaviors of pyrene in soilâ€“water system. Chemosphere, 2010, 81, 1423-1429.	4.2	75
12	Adsorption of anionic azo dyes from aqueous solution on cationic gemini surfactant-modified flax shives: Synchrotron infrared, optimization and modeling studies. Journal of Cleaner Production, 2018, 172, 1986-1997.	4.6	75
13	Treatment of rural domestic wastewater using multi-soil-layering systems: Performance evaluation, factorial analysis and numerical modeling. Science of the Total Environment, 2018, 644, 536-546.	3.9	70
14	Performance of in-vessel composting of food waste in the presence of coal ash and uric acid. Journal of Hazardous Materials, 2012, 203-204, 38-45.	6.5	69
15	Plasma-induced PAA-ZnO coated PVDF membrane for oily wastewater treatment: Preparation, optimization, and characterization through Taguchi OA design and synchrotron-based X-ray analysis. Journal of Membrane Science, 2019, 582, 70-82.	4.1	68
16	Analysis of input set characteristics and variances on k-fold cross validation for a Recurrent Neural Network model on waste disposal rate estimation. Journal of Environmental Management, 2022, 311, 114869.	3.8	68
17	Molecular toxicity of triclosan and carbamazepine to green algae Chlorococcum sp.: A single cell view using synchrotron-based Fourier transform infrared spectromicroscopy. Environmental Pollution, 2017, 226, 12-20.	3.7	61
18	Insights into Long-Term Toxicity of Triclosan to Freshwater Green Algae in Lake Erie. Environmental Science & Technology, 2019, 53, 2189-2198.	4.6	59

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19	Can deep tillage enhance carbon sequestration in soils? A meta-analysis towards GHG mitigation and sustainable agricultural management. Renewable and Sustainable Energy Reviews, 2020, 133, 110293.	8.2	59
20	Environmental Impacts and Challenges Associated with Oil Spills on Shorelines. Journal of Marine Science and Engineering, 2022, 10, 762.	1.2	59
21	Insights into the Toxicity of Triclosan to Green Microalga Chlorococcum sp. Using Synchrotron-Based Fourier Transform Infrared Spectromicroscopy: Biophysiological Analyses and Roles of Environmental Factors. Environmental Science & Technology, 2018, 52, 2295-2306.	4.6	58
22	Performance of ceramic disk filter coated with nano ZnO for removing Escherichia coli from water in small rural and remote communities of developing regions. Environmental Pollution, 2018, 238, 52-62.	3.7	58
23	A biophysiological perspective on enhanced nitrate removal from decentralized domestic sewage using gravitational-flow multi-soil-layering systems. Chemosphere, 2020, 240, 124868.	4.2	57
24	Transport of anionic azo dyes from aqueous solution to gemini surfactant-modified wheat bran: Synchrotron infrared, molecular interaction and adsorption studies. Science of the Total Environment, 2017, 595, 723-732.	3.9	55
25	An integrated gravity-driven ecological bed for wastewater treatment in subtropical regions: Process design, performance analysis, and greenhouse gas emissions assessment. Journal of Cleaner Production, 2019, 212, 1143-1153.	4.6	55
26	Interactive Toxicity of Triclosan and Nano-TiO₂ to Green Alga Eremosphaera viridis in Lake Erie: A New Perspective Based on Fourier Transform Infrared Spectromicroscopy and Synchrotron-Based X-ray Fluorescence Imaging. Environmental Science & Technology, 2019, 53, 9884-9894.	4.6	54
27	Recent advances in developing cellulosic sorbent materials for oil spill cleanup: A state-of-the-art review. Journal of Cleaner Production, 2021, 311, 127630.	4.6	54
28	Electrically conductive inorganic membranes: A review on principles, characteristics and applications. Chemical Engineering Journal, 2022, 427, 131987.	6.6	53
29	Efficiency of single and mixed Gemini/conventional micelles on solubilization of phenanthrene. Chemical Engineering Journal, 2011, 168, 201-207.	6.6	49
30	Enhanced nitrogen removal in the treatment of rural domestic sewage using vertical-flow multi-soil-layering systems: Experimental and modeling insights. Journal of Environmental Management, 2019, 240, 273-284.	3.8	49
31	Exploring the decentralized treatment of sulfamethoxazole-contained poultry wastewater through vertical-flow multi-soil-layering systems in rural communities. Water Research, 2021, 188, 116480.	5.3	48
32	Factors influencing the fate of oil spilled on shorelines: a review. Environmental Chemistry Letters, 2021, 19, 1611-1628.	8.3	48
33	Transport behaviors of anionic azo dyes at interface between surfactant-modified flax shives and aqueous solution: Synchrotron infrared and adsorption studies. Applied Surface Science, 2017, 405, 119-128.	3.1	47
34	Plasma-induced poly(acrylic acid)-TiO2 coated polyvinylidene fluoride membrane for produced water treatment: Synchrotron X-Ray, optimization, and insight studies. Journal of Cleaner Production, 2019, 227, 772-783.	4.6	47
35	Immobilization of tetrabromobisphenol A by pinecone-derived biochars at solid-liquid interface: Synchrotron-assisted analysis and role of inorganic fertilizer ions. Chemical Engineering Journal, 2017, 321, 346-357.	6.6	45
36	Stepwise Adsorption of Phenanthrene at the Fly Ashâ€“Water Interface as Affected by Solution Chemistry: Experimental and Modeling Studies. Environmental Science & Technology, 2012, 46, 12742-12750.	4.6	44

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37	Reduction of Escherichia Coli using ceramic disk filter decorated by nano-TiO2: A low-cost solution for household water purification. Science of the Total Environment, 2018, 616-617, 1628-1637.	3.9	44
38	Investigation on the solubilization of polycyclic aromatic hydrocarbons in the presence of single and mixed Gemini surfactants. Journal of Hazardous Materials, 2011, 190, 840-847.	6.5	43
39	Multi-objective ecological reservoir operation based on water quality response models and improved genetic algorithm: A case study in Three Gorges Reservoir, China. Engineering Applications of Artificial Intelligence, 2014, 36, 332-346.	4.3	43
40	Enhancement of soil retention for phenanthrene in binary cationic gemini and nonionic surfactant mixtures: Characterizing two-step adsorption and partition processes through experimental and modeling approaches. Journal of Hazardous Materials, 2015, 286, 144-151.	6.5	40
41	A robust flexible-probabilistic programming method for planning municipal energy system with considering peak-electricity price and electric vehicle. Energy Conversion and Management, 2017, 137, 97-112.	4.4	40
42	Investigation into the influencing factors and adsorption characteristics in the removal of sulfonamide antibiotics by carbonaceous materials. Journal of Cleaner Production, 2021, 319, 128692.	4.6	40
43	Performance of mesophilic anaerobic granules for removal of octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX) from aqueous solution. Journal of Hazardous Materials, 2010, 179, 526-532.	6.5	38
44	Kinetic and equilibrium studies on the adsorption of calcium lignosulfonate from aqueous solution by coal fly ash. Chemical Engineering Journal, 2012, 200-202, 275-282.	6.6	38
45	Assessment of regional greenhouse gas emission from beef cattle production: A case study of Saskatchewan in Canada. Journal of Environmental Management, 2020, 264, 110443.	3.8	38
46	Enhanced aqueous solubility of naphthalene and pyrene by binary and ternary Gemini cationic and conventional nonionic surfactants. Chemosphere, 2012, 89, 1347-1353.	4.2	35
47	Functional PVDF ultrafiltration membrane for Tetrabromobisphenol-A (TBBPA) removal with high water recovery. Water Research, 2020, 181, 115952.	5.3	34
48	Use of surface-washing agents for the treatment of oiled shorelines: Research advancements, technical applications and future challenges. Chemical Engineering Journal, 2020, 391, 123565.	6.6	33
49	Exploring the use of cellulose nanocrystal as surface-washing agent for oiled shoreline cleanup. Journal of Hazardous Materials, 2021, 402, 123464.	6.5	33
50	Investigation into the oil removal from sand using a surface washing agent under different environmental conditions. Journal of Environmental Management, 2020, 275, 111232.	3.8	30
51	The impact of successive COVID-19 lockdowns on people mobility, lockdown efficiency, and municipal solid waste. Environmental Chemistry Letters, 2021, 19, 3959-3965.	8.3	30
52	A Review on the Factors Affecting the Deposition, Retention, and Biodegradation of Oil Stranded on Beaches and Guidelines for Designing Laboratory Experiments. Current Pollution Reports, 2019, 5, 407-423.	3.1	29
53	Removal of Escherichia Coli from water using functionalized porous ceramic disk filter coated with Fe/TiO2 nano-composites. Journal of Water Process Engineering, 2020, 33, 101013.	2.6	28
54	A scientometric analysis and review of biogenic volatile organic compound emissions: Research hotspots, new frontiers, and environmental implications. Renewable and Sustainable Energy Reviews, 2021, 149, 111317.	8.2	28

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55	Numerical Study of Solute Transport in Heterogeneous Beach Aquifers Subjected to Tides. Water Resources Research, 2020, 56, e2019WR026430.	1.7	27
56	Use of biomass-derived adsorbents for the removal of petroleum pollutants from water: a mini-review. Environmental Systems Research, 2021, 10, 25.	1.5	26
57	Planning of integrated energy-environment systems under dual interval uncertainties. International Journal of Electrical Power and Energy Systems, 2018, 100, 287-298.	3.3	25
58	Investigation into the impact of aged microplastics on oil behavior in shoreline environments. Journal of Hazardous Materials, 2022, 421, 126711.	6.5	25
59	Biophysiological and factorial analyses in the treatment of rural domestic wastewater using multi-soil-layering systems. Journal of Environmental Management, 2018, 226, 83-94.	3.8	24
60	A Multi-Objective Hierarchical Model for Irrigation Scheduling in the Complex Canal System. Sustainability, 2019, 11, 24.	1.6	24
61	Decision support tools for oil spill response (OSR-DSTs): Approaches, challenges, and future research perspectives. Marine Pollution Bulletin, 2021, 167, 112313.	2.3	24
62	Exploring the use of ceramic disk filter coated with Ag/ZnO nanocomposites as an innovative approach for removing Escherichia coli from household drinking water. Chemosphere, 2020, 245, 125545.	4.2	23
63	Removal of arsenic from water through ceramic filter modified by nano-CeO2: A cost-effective approach for remote areas. Science of the Total Environment, 2021, 750, 141510.	3.9	23
64	Exploration of nanocellulose washing agent for the green remediation of phenanthrene-contaminated soil. Journal of Hazardous Materials, 2021, 403, 123861.	6.5	23
65	Physicochemical change and microparticle release from disposable gloves in the aqueous environment impacted by accelerated weathering. Science of the Total Environment, 2022, 832, 154986.	3.9	23
66	Transport of Microplastics in Shore Substrates over Tidal Cycles: Roles of Polymer Characteristics and Environmental Factors. Environmental Science & Technology, 2022, 56, 8187-8196.	4.6	23
67	Effect of different buffer agents on in-vessel composting of food waste: Performance analysis and comparative study. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 772-780.	0.9	22
68	A New Challenge for the Management and Disposal of Personal Protective Equipment Waste during the COVID-19 Pandemic. Sustainability, 2021, 13, 7034.	1.6	22
69	Sources, behaviors, transformations, and environmental risks of organophosphate esters in the coastal environment: A review. Marine Pollution Bulletin, 2022, 180, 113779.	2.3	22
70	An integrated multi-level watershed-reservoir modeling system for examining hydrological and biogeochemical processes in small prairie watersheds. Water Research, 2012, 46, 1207-1224.	5.3	21
71	Spatial distribution, source identification, and risk assessment of heavy metals in the soils from a mining region: a case study of Bayan Obo in northwestern China. Human and Ecological Risk Assessment (HERA), 2021, 27, 1276-1295.	1.7	20
72	Formation of oil-particle aggregates: Impacts of mixing energy and duration. Science of the Total Environment, 2021, 795, 148781.	3.9	20

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73	Solubilization of Mixed Polycyclic Aromatic Hydrocarbons through a Rhamnolipid Biosurfactant. Journal of Environmental Quality, 2011, 40, 477-483.	1.0	19
74	Removal of Sulfonated Humic Acid through a Hybrid Electrocoagulationâ€“Ultrafiltration Process. Industrial & Engineering Chemistry Research, 2015, 54, 5793-5801.	1.8	19
75	A framework for the evaluation and selection of shoreline surface washing agents in oil spill response. Journal of Environmental Management, 2021, 287, 112346.	3.8	19
76	Green biomass-derived materials for oil spill response: recent advancements and future perspectives. Current Opinion in Chemical Engineering, 2022, 36, 100767.	3.8	19
77	Assessing the coastal sensitivity to oil spills from the perspective of ecosystem services: A case study for Canada's pacific coast. Journal of Environmental Management, 2021, 296, 113240.	3.8	18
78	Construction, renovation, and demolition waste in landfill: a review of waste characteristics, environmental impacts, and mitigation measures. Environmental Science and Pollution Research, 2022, 29, 46509-46526.	2.7	18
79	Wastewater treatment in amine-based carbon capture. Chemosphere, 2019, 222, 742-756.	4.2	17
80	Use of Nano-TiO2 self-assembled flax fiber as a new initiative for immiscible oil/water separation. Journal of Cleaner Production, 2020, 249, 119352.	4.6	17
81	Applications of inexact programming methods to waste management under uncertainty: current status and future directions. Environmental Systems Research, 2014, 3, .	1.5	16
82	Exploring the biophysicochemical alteration of green alga Asterococcus superbus interactively affected by nanoparticles, triclosan and illumination. Journal of Hazardous Materials, 2020, 398, 122855.	6.5	15
83	An inexact two-stage multi-objective waste management planning model under considerations of subsidies and uncertainties: A case study of Baotou, China. Journal of Cleaner Production, 2021, 298, 126873.	4.6	15
84	Biomass supply chain coordination for remote communities: A game-theoretic modeling and analysis approach. Sustainable Cities and Society, 2021, 69, 102819.	5.1	15
85	Inexact inventory-theory-based optimization of oily waste management system in shoreline spill response. Science of the Total Environment, 2021, 777, 146078.	3.9	15
86	Immobilization of phenanthrene onto gemini surfactant modified sepiolite at solid/aqueous interface: Equilibrium, thermodynamic and kinetic studies. Science of the Total Environment, 2017, 598, 619-627.	3.9	14
87	Multiphase CFD simulation of the nearshore spilled oil behaviors. Environmental Pollution, 2021, 288, 117730.	3.7	14
88	Superwetting polyethersulfone membrane functionalized with ZrO2 nanoparticles for polycyclic aromatic hydrocarbon removal. Journal of Materials Science and Technology, 2022, 98, 14-25.	5.6	14
89	Low-cost microbiological purification using a new ceramic disk filter functionalized by chitosan/TiO2 nanocomposites. Separation and Purification Technology, 2020, 248, 116984.	3.9	14
90	Hypersaline Pore Water in Gulf of Mexico Beaches Prevented Efficient Biodegradation of Deepwater Horizon Beached Oil. Environmental Science & Technology, 2021, 55, 13792-13801.	4.6	14

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91	Dispersion modeling of particulate matter from the in-situ burning of spilled oil in the northwest Arctic area of Canada. Journal of Environmental Management, 2022, 301, 113913.	3.8	14
92	Phenanthrene Sorption on Palygorskite Modified with Gemini Surfactants: Insights from Modeling Studies and Effects of Aqueous Solution Chemistry. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	13
93	Performance analysis and life cycle greenhouse gas emission assessment of an integrated gravitational-flow wastewater treatment system for rural areas. Environmental Science and Pollution Research, 2019, 26, 25883-25897.	2.7	13
94	Assessment of Soil and Water Conservation Practices in the Loess Hilly Region Using a Coupled Rainfall-Runoff-Erosion Model. Sustainability, 2020, 12, 934.	1.6	13
95	Exploring the use of alginate hydrogel coating as a new initiative for emergent shoreline oiling prevention. Science of the Total Environment, 2021, 797, 149234.	3.9	12
96	Allelopathy Inhibitory Effects of Hydrodictyon reticulatum on Chlorella pyrenoidosa under Co-Culture and Liquor-Cultured Conditions. Water (Switzerland), 2017, 9, 416.	1.2	11
97	Spatiotemporal analysis of land use pattern and stream water quality in southern Alberta, Canada. Journal of Contaminant Hydrology, 2021, 242, 103852.	1.6	11
98	Will the Chemical Contaminants in Agricultural Soil Affect the Ecotoxicity of Microplastics?. ACS Agricultural Science and Technology, 2021, 1, 3-4.	1.0	11
99	A green initiative for oiled sand cleanup using chitosan/rhamnolipid complex dispersion with pH-stimulus response. Chemosphere, 2022, 288, 132628.	4.2	11
100	Modeling oil biodegradation and bioremediation within beaches. Current Opinion in Chemical Engineering, 2022, 35, 100751.	3.8	11
101	A pH-responsive phosphoprotein surface washing fluid for cleaning oiled shoreline: Performance evaluation, biotoxicity analysis, and molecular dynamic simulation. Chemical Engineering Journal, 2022, 437, 135336.	6.6	11
102	Adsorption behaviours of sulfonated humic acid at fly ashâ€water interface: Investigation of equilibrium and kinetic characteristics. Canadian Journal of Chemical Engineering, 2015, 93, 2043-2050.	0.9	10
103	Effects of freezeâ€“thawing cycles on desorption behaviors of PAH-contaminated soil in the presence of a biosurfactant: a case study in western Canada. Environmental Sciences: Processes and Impacts, 2017, 19, 874-882.	1.7	10
104	Analyzing the Biochemical Alteration of Green Algae During Chronic Exposure to Triclosan Based on Synchrotron-Based Fourier Transform Infrared Spectromicroscopy. Analytical Chemistry, 2019, 91, 7798-7806.	3.2	10
105	Characterization of Pore Water Flow in 3â€Ð Heterogeneous Permeability Fields. Geophysical Research Letters, 2020, 47, e2019GL086879.	1.5	10
106	Comprehensive evaluation of adsorption performances of carbonaceous materials for sulfonamide antibiotics removal. Environmental Science and Pollution Research, 2021, 28, 2400-2414.	2.7	10
107	Nanocellulose enhances the dispersion and toxicity of ZnO NPs to green algae Eremosphaera viridis. Environmental Science: Nano, 2022, 9, 393-405.	2.2	10
108	Treatment of oiled beach sand using a green and responsive washing fluid with nonionic surfactant-modified nanoclay. Journal of Cleaner Production, 2022, 333, 130122.	4.6	10

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109	Buoyant oleophilic magnetic activated carbon nanoparticles for oil spill cleanup. , 2022, 2, 100028.		10
110	Degradation of hexahydroâ€1,3,5â€trinitroâ€1,3, 5â€triazine (RDX) by anaerobic mesophilic granular sludge from a UASB reactor. Journal of Chemical Technology and Biotechnology, 2010, 85, 831-838.	1.6	9
111	A Sustainable Industry-Environment Model for the Identification of Urban Environmental Risk to Confront Air Pollution in Beijing, China. Sustainability, 2018, 10, 962.	1.6	9
112	Environmental Behavior and Effects of Pollutants in Water. Journal of Chemistry, 2020, 2020, 1-2.	0.9	9
113	Multi-Soil-Layering Systems for Wastewater Treatment in Small and Remote Communities. Journal of Environmental Informatics, 0, , .	6.0	9
114	Cleanup of oiled shorelines using a dual responsive nanoclay/sodium alginate surface washing agent. Environmental Research, 2022, 205, 112531.	3.7	9
115	Exploring the characteristics, performance, and mechanisms of a magnetic-mediated washing fluid for the cleanup of oiled beach sand. Journal of Hazardous Materials, 2022, 438, 129447.	6.5	9
116	Functional flax fiber with UV-induced switchable wettability for multipurpose oil-water separation. Frontiers of Environmental Science and Engineering, 2022, 16, .	3.3	9
117	Sorption of Phenanthrene onto Diatomite under the Influences of Solution Chemistry: A Study of Linear Sorption based on Maximal Information Coefficient. Journal of Environmental Informatics, 0, , .	6.0	8
118	A Review on the Use of Nanoclay Adsorbents in Environmental Pollution Control. Water, Air, and Soil Pollution, 2022, 233, 1.	1.1	8
119	Development of a calcium alginate-cellulose nanocrystal-based coating to reduce the impact of oil spills on shorelines. Journal of Hazardous Materials, 2022, 436, 129228.	6.5	8
120	Effect of Different Carbon Substrates on the Removal of Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX) and Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX) by Anaerobic Mesophilic Granular Sludge. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	7
121	Environmental concern on biochar: capture, then what?. Environmental Earth Sciences, 2015, 74, 7861-7863.	1.3	7
122	Biotransformation of RDX and HMX by Anaerobic Granular Sludge with Enriched Sulfate and Nitrate. Water Environment Research, 2017, 89, 472-479.	1.3	6
123	Assessment of regional greenhouse gas emissions from spring wheat cropping system: A case study of Saskatchewan in Canada. Journal of Cleaner Production, 2021, 301, 126917.	4.6	6
124	Life cycle-based water footprint analysis of ceramic filter for point-of-use water purification in remote areas. Science of the Total Environment, 2021, 786, 147424.	3.9	6
125	Treatment of decentralized low-strength livestock wastewater using microcurrent-assisted multi-soil-layering systems: performance assessment and microbial analysis. Chemosphere, 2022, 294, 133536.	4.2	6
126	Assessment of reductions in NO2 emissions from thermal power plants in Canada based on the analysis of policy, inventory, and satellite data. Journal of Cleaner Production, 2022, 341, 130859.	4.6	6

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127	Impact from the evolution of private vehicle fleet composition on traffic related emissions in the small-medium automotive city. Science of the Total Environment, 2022, 840, 156657.	3.9	6
128	Influence of uric acid amendment on the inâ€vessel process of composting composite food waste. Journal of Chemical Technology and Biotechnology, 2012, 87, 1558-1566.	1.6	5
129	Prevention of stack corrosion under wet flue gas desulfurization conditions in a coal-fired power plant: performance analysis and comparative study. Environmental Systems Research, 2016, 5, .	1.5	5
130	Removal of copper, zinc and cadmium ions through adsorption on water-quenched blast furnace slag. Desalination and Water Treatment, 2016, 57, 22493-22506.	1.0	5
131	Transport of reactive Xâ€3B dye at the interface between cationic surfactantâ€modified waterâ€quenched blast furnace slag and aqueous solution. Canadian Journal of Chemical Engineering, 2018, 96, 1240-1249.	0.9	5
132	Immobilization of TBBPA on pyrogenic carbon subjected to natural organic matter under freezeâ€“thawing conditions: insights into surface functionalization, coverage processes and binding affinity. Environmental Science: Nano, 2020, 7, 472-485.	2.2	5
133	Numerical simulation of benzene transport in shoreline groundwater affected by tides under different conditions. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	3.3	5
134	Planning Water Resources in an Agroforest Ecosystem for Improvement of Regional Ecological Function Under Uncertainties. Water (Switzerland), 2018, 10, 415.	1.2	4
135	Rural Sustainable Environmental Management. Sustainability, 2020, 12, 6688.	1.6	4
136	Influence of Short-Chain Aliphatic Acids on the Phenanthrene Desorption and Mobilization from Contaminated Soil. Soil and Sediment Contamination, 2012, 21, 192-206.	1.1	3
137	Spatial distribution of non-point source nitrogen in urban area of Beijing City, China. Environmental Systems Research, 2013, 2, 12.	1.5	3
138	Exploring the effects of microalgal biomass on the oil behavior in a sand-water system. Environmental Science and Pollution Research, 2021, 28, 32985-32994.	2.7	3
139	Assessing the regional biogenic methanol emission from spring wheat during the growing season: A Canadian case study. Environmental Pollution, 2021, 287, 117602.	3.7	3
140	Exploring the effects of substrate mineral fines on oil translocation in the shoreline environment: Experimental analysis, numerical simulation, and implications for spill response. Journal of Hazardous Materials, 2022, 437, 129341.	6.5	3
141	High Pressure Injection of Chemicals in a Gravel Beach. Processes, 2019, 7, 525.	1.3	2
142	Handling of Amine-Based Wastewater Produced During Carbon Capture. Journal of Environmental Informatics Letters, 0, , .	0.6	2
143	Assessing the Impact of Urban Form on the Greenhouse Gas Emissions from Household Vehicles: A Review. Journal of Environmental Informatics Letters, 0, , .	0.6	2
144	Long-term effects of TBBPA-contaminated pyrogenic organic matter under abiotic aging: insights on immobilization capacity, surface functionality correlation, and phytotoxicity to Thinopyrum ponticum. Environmental Science: Nano, 2021, 8, 1896-1909.	2.2	1

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145	Wormhole Network Imaging in Post-Chops Process Using Ground-Penetrating Radar. Journal of Environmental Informatics Letters, 0, , .	0.6	0
146	Experimental and modeling studies of the effects of nanoclay on the oil behaviors in a waterâ€“sand system. Environmental Science and Pollution Research, 2022, , 1.	2.7	0