

Chunping Yang

List of Publications by Year in descending order

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146
papers

11,385
citations

18436

62
h-index

30848

102
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all docs

146
docs citations

146
times ranked

9578
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioremediation of soils contaminated with polycyclic aromatic hydrocarbons, petroleum, pesticides, chlorophenols and heavy metals by composting: Applications, microbes and future research needs. <i>Biotechnology Advances</i> , 2015, 33, 745-755.	6.0	706
2	Biosorption of cadmium(II), zinc(II) and lead(II) by <i>Penicillium simplicissimum</i> : Isotherms, kinetics and thermodynamics. <i>Journal of Hazardous Materials</i> , 2008, 160, 655-661.	6.5	406
3	Efficacy of carbonaceous nanocomposites for sorbing ionizable antibiotic sulfamethazine from aqueous solution. <i>Water Research</i> , 2016, 95, 103-112.	5.3	326
4	Challenges and solutions for biofiltration of hydrophobic volatile organic compounds. <i>Biotechnology Advances</i> , 2016, 34, 1091-1102.	6.0	320
5	Influence of salinity on microorganisms in activated sludge processes: A review. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 520-527.	1.9	271
6	Effect of Cu(II) ions on the enhancement of tetracycline adsorption by Fe ₃ O ₄ @SiO ₂ -Chitosan/graphene oxide nanocomposite. <i>Carbohydrate Polymers</i> , 2017, 157, 576-585.	5.1	245
7	Insights into atrazine degradation by persulfate activation using composite of nanoscale zero-valent iron and graphene: Performances and mechanisms. <i>Chemical Engineering Journal</i> , 2018, 341, 126-136.	6.6	238
8	Biomass accumulation and control strategies in gas biofiltration. <i>Biotechnology Advances</i> , 2010, 28, 531-540.	6.0	234
9	Advantages and challenges of Tween 80 surfactant-enhanced technologies for the remediation of soils contaminated with hydrophobic organic compounds. <i>Chemical Engineering Journal</i> , 2017, 314, 98-113.	6.6	223
10	Biosorption of copper(II) by immobilizing <i>Saccharomyces cerevisiae</i> on the surface of chitosan-coated magnetic nanoparticles from aqueous solution. <i>Journal of Hazardous Materials</i> , 2010, 177, 676-682.	6.5	205
11	Simultaneous Removal of Multicomponent VOCs in Biofilters. <i>Trends in Biotechnology</i> , 2018, 36, 673-685.	4.9	204
12	Performances and mechanisms of efficient degradation of atrazine using peroxymonosulfate and ferrate as oxidants. <i>Chemical Engineering Journal</i> , 2018, 353, 533-541.	6.6	200
13	A review: Research progress on microplastic pollutants in aquatic environments. <i>Science of the Total Environment</i> , 2021, 766, 142572.	3.9	189
14	Effect of salinity on removal performance and activated sludge characteristics in sequencing batch reactors. <i>Bioresource Technology</i> , 2018, 249, 890-899.	4.8	181
15	Preparation of size-controlled silver phosphate catalysts and their enhanced photocatalysis performance via synergetic effect with MWCNTs and PANI. <i>Applied Catalysis B: Environmental</i> , 2019, 245, 71-86.	10.8	181
16	Role of biochar on composting of organic wastes and remediation of contaminated soils—a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16560-16577.	2.7	176
17	Microstructure and performance of Z-scheme photocatalyst of silver phosphate modified by MWCNTs and Cr-doped SrTiO ₃ for malachite green degradation. <i>Applied Catalysis B: Environmental</i> , 2018, 227, 557-570.	10.8	172
18	Sulfite-based advanced oxidation and reduction processes for water treatment. <i>Chemical Engineering Journal</i> , 2021, 414, 128872.	6.6	166

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19	Nutrient removal and lipid production by <i>Coelastrella</i> sp. in anaerobically and aerobically treated swine wastewater. <i>Bioresource Technology</i> , 2016, 216, 135-141.	4.8	157
20	High-performance porous carbon catalysts doped by iron and nitrogen for degradation of bisphenol F via peroxymonosulfate activation. <i>Chemical Engineering Journal</i> , 2020, 392, 123683.	6.6	150
21	Effect and aftereffect of γ radiation pretreatment on enzymatic hydrolysis of wheat straw. <i>Bioresource Technology</i> , 2008, 99, 6240-6245.	4.8	135
22	Construction of Built-in Electric Field within Silver Phosphate Photocatalyst for Enhanced Removal of Recalcitrant Organic Pollutants. <i>Advanced Functional Materials</i> , 2020, 30, 2002918.	7.8	133
23	Effects of C/N ratio and bulking agent on speciation of Zn and Cu and enzymatic activity during pig manure composting. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 429-436.	1.9	131
24	Nanoporous Au-based chronocoulometric aptasensor for amplified detection of Pb ²⁺ using DNAzyme modified with Au nanoparticles. <i>Biosensors and Bioelectronics</i> , 2016, 81, 61-67.	5.3	126
25	Molybdenum Dioxide Nanoparticles Anchored on Nitrogen-Doped Carbon Nanotubes as Oxidative Desulfurization Catalysts: Role of Electron Transfer in Activity and Reusability. <i>Advanced Functional Materials</i> , 2021, 31, 2100442.	7.8	124
26	Toxicity of carbon nanomaterials to plants, animals and microbes: Recent progress from 2015-present. <i>Chemosphere</i> , 2018, 206, 255-264.	4.2	122
27	Spatial separation of photogenerated carriers and enhanced photocatalytic performance on Ag ₃ PO ₄ catalysts via coupling with PPy and MWCNTs. <i>Applied Catalysis B: Environmental</i> , 2019, 258, 117969.	10.8	122
28	Responses of microalgae <i>Coelastrella</i> sp. to stress of cupric ions in treatment of anaerobically digested swine wastewater. <i>Bioresource Technology</i> , 2018, 251, 274-279.	4.8	114
29	Exploiting the CRISPR/Cas9 System for Targeted Genome Mutagenesis in <i>Petunia</i> . <i>Scientific Reports</i> , 2016, 6, 20315.	1.6	109
30	Effects of copper ions on removal of nutrients from swine wastewater and on release of dissolved organic matter in duckweed systems. <i>Water Research</i> , 2019, 158, 171-181.	5.3	108
31	One-pot synthesis of carbon supported calcined-Mg/Al layered double hydroxides for antibiotic removal by slow pyrolysis of biomass waste. <i>Scientific Reports</i> , 2016, 6, 39691.	1.6	107
32	Sustainable livestock wastewater treatment via phytoremediation: Current status and future perspectives. <i>Bioresource Technology</i> , 2020, 315, 123809.	4.8	104
33	Treatment of swine wastewater using chemically modified zeolite and bioflocculant from activated sludge. <i>Bioresource Technology</i> , 2013, 143, 289-297.	4.8	101
34	Degradation of thiacloprid via unactivated peroxymonosulfate: The overlooked singlet oxygen oxidation. <i>Chemical Engineering Journal</i> , 2020, 388, 124264.	6.6	100
35	Preparation, characterization, and catalytic performances of cobalt catalysts supported on KIT-6 silicas in oxidative desulfurization of dibenzothiophene. <i>Fuel</i> , 2017, 200, 11-21.	3.4	99
36	Removal of triazophos pesticide from wastewater with Fenton reagent. <i>Journal of Hazardous Materials</i> , 2009, 167, 1028-1032.	6.5	95

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37	Oxidative desulfurization of dibenzothiophene using molybdenum catalyst supported on Ti-pillared montmorillonite and separation of sulfones by filtration. <i>Fuel</i> , 2018, 234, 1229-1237.	3.4	94
38	Nitrogen removal of anaerobically digested swine wastewater by pilot-scale tidal flow constructed wetland based on in-situ biological regeneration of zeolite. <i>Chemosphere</i> , 2019, 217, 364-373.	4.2	93
39	Treatment of anaerobically digested swine wastewater by <i>Rhodobacter blasticus</i> and <i>Rhodobacter capsulatus</i> . <i>Bioresource Technology</i> , 2016, 222, 33-38.	4.8	92
40	Microplastics in waters and soils: Occurrence, analytical methods and ecotoxicological effects. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110910.	2.9	89
41	Insights into mechanisms of UV/ferrate oxidation for degradation of phenolic pollutants: Role of superoxide radicals. <i>Chemosphere</i> , 2020, 244, 125490.	4.2	88
42	Biosorption of zinc(II) from aqueous solution by dried activated sludge. <i>Journal of Environmental Sciences</i> , 2010, 22, 675-680.	3.2	86
43	Catalytic oxidative desulfurization of BT and DBT from n -octane using cyclohexanone peroxide and catalyst of molybdenum supported on 4A molecular sieve. <i>Separation and Purification Technology</i> , 2016, 163, 153-161.	3.9	86
44	Biosorption of Cd(II) from synthetic wastewater using dry biofilms from biotrickling filters. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 1491-1500.	1.8	86
45	Efficient degradation of tetracycline by singlet oxygen-dominated peroxymonosulfate activation with magnetic nitrogen-doped porous carbon. <i>Journal of Environmental Sciences</i> , 2022, 115, 330-340.	3.2	85
46	Performances, kinetics and mechanisms of catalytic oxidative desulfurization from oils. <i>RSC Advances</i> , 2016, 6, 103253-103269.	1.7	84
47	Phytoremediation of anaerobically digested swine wastewater contaminated by oxytetracycline via <i>Lemna aequinoctialis</i> : Nutrient removal, growth characteristics and degradation pathways. <i>Bioresource Technology</i> , 2019, 291, 121853.	4.8	83
48	Characterization and application of bioflocculant prepared by <i>Rhodococcus erythropolis</i> using sludge and livestock wastewater as cheap culture media. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6847-6858.	1.7	81
49	Effect of Substrate Henry's Constant on Biofilter Performance. <i>Journal of the Air and Waste Management Association</i> , 2004, 54, 409-418.	0.9	80
50	Tween 80 surfactant-enhanced bioremediation: toward a solution to the soil contamination by hydrophobic organic compounds. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 17-30.	5.1	80
51	Nutrient removal from swine wastewater with growing microalgae at various zinc concentrations. <i>Algal Research</i> , 2020, 46, 101804.	2.4	80
52	The individual and Co-exposure degradation of benzophenone derivatives by UV/H ₂ O ₂ and UV/PDS in different water matrices. <i>Water Research</i> , 2019, 159, 102-110.	5.3	79
53	Oxidative desulfurization of dibenzothiophene using a catalyst of molybdenum supported on modified medicinal stone. <i>RSC Advances</i> , 2016, 6, 17036-17045.	1.7	78
54	Effect of zinc ions on nutrient removal and growth of <i>Lemna aequinoctialis</i> from anaerobically digested swine wastewater. <i>Bioresource Technology</i> , 2018, 249, 457-463.	4.8	77

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55	Preparation, performances and mechanisms of magnetic <i>Saccharomyces cerevisiae</i> bionanocomposites for atrazine removal. <i>Chemosphere</i> , 2018, 200, 380-387.	4.2	75
56	Gama-graphyne as photogenerated electrons transfer layer enhances photocatalytic performance of silver phosphate. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118479.	10.8	75
57	Microalgal and duckweed based constructed wetlands for swine wastewater treatment: A review. <i>Bioresource Technology</i> , 2020, 318, 123858.	4.8	74
58	Enhanced activation of peroxymonosulfate by LaFeO ₃ perovskite supported on Al ₂ O ₃ for degradation of organic pollutants. <i>Chemosphere</i> , 2019, 237, 124478.	4.2	72
59	Performance of system consisting of vertical flow trickling filter and horizontal flow multi-soil-layering reactor for treatment of rural wastewater. <i>Bioresource Technology</i> , 2015, 193, 424-432.	4.8	70
60	Roles of acid-producing bacteria in anaerobic digestion of waste activated sludge. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	3.3	69
61	Removal of cadmium and lead from aqueous solutions using nitrilotriacetic acid anhydride modified ligno-cellulosic material. <i>RSC Advances</i> , 2015, 5, 11475-11484.	1.7	68
62	Biosorption of Pb(II) Ions from Aqueous Solutions by Waste Biomass from Biotrickling Filters: Kinetics, Isotherms, and Thermodynamics. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	67
63	Bisphenol S-doped g-C ₃ N ₄ nanosheets modified by boron nitride quantum dots as efficient visible-light-driven photocatalysts for degradation of sulfamethazine. <i>Chemical Engineering Journal</i> , 2021, 405, 126661.	6.6	64
64	Fate and effects of microplastics in wastewater treatment processes. <i>Science of the Total Environment</i> , 2021, 757, 143902.	3.9	64
65	Adsorptive removal of anionic dye using calcined oyster shells: isotherms, kinetics, and thermodynamics. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5944-5954.	2.7	62
66	Magnetic bionanoparticles of <i>Penicillium</i> sp. yz11-22N2 doped with Fe ₃ O ₄ and encapsulated within PVA-SA gel beads for atrazine removal. <i>Bioresource Technology</i> , 2018, 260, 196-203.	4.8	60
67	Novel two-stage vertical flow biofilter system for efficient treatment of decentralized domestic wastewater. <i>Ecological Engineering</i> , 2014, 64, 415-423.	1.6	58
68	Effect of saponins on n-hexane removal in biotrickling filters. <i>Bioresource Technology</i> , 2015, 175, 231-238.	4.8	58
69	Catalytic oxidative desulfurization of dibenzothiophene using catalyst of tungsten supported on resin D152. <i>Fuel</i> , 2014, 130, 19-24.	3.4	56
70	Effects of surfactants and salt on Henry's constant of n-hexane. <i>Journal of Hazardous Materials</i> , 2010, 175, 187-192.	6.5	55
71	Performance of biotrickling filters packed with structured or cubic polyurethane sponges for VOC removal. <i>Journal of Environmental Sciences</i> , 2011, 23, 1325-1333.	3.2	54
72	Construction of bifunctional 3-D ordered mesoporous catalyst for oxidative desulfurization. <i>Separation and Purification Technology</i> , 2021, 264, 118434.	3.9	54

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73	Enhancing anaerobic digestion process with addition of conductive materials. <i>Chemosphere</i> , 2021, 278, 130449.	4.2	53
74	Sensitive detection of lip genes by electrochemical DNA sensor and its application in polymerase chain reaction amplicons from <i>Phanerochaete chrysosporium</i> . <i>Biosensors and Bioelectronics</i> , 2009, 24, 1474-1479.	5.3	52
75	Electrochemical DNA sensing strategy based on strengthening electronic conduction and a signal amplifier carrier of nanoAu/MCN composited nanomaterials for sensitive lead detection. <i>Environmental Science: Nano</i> , 2016, 3, 1504-1509.	2.2	52
76	Interfacial Charge Transfer between Silver Phosphate and W_{2O_3} Induced by Nitrogen Vacancies Enhances Removal of β -Lactam Antibiotics. <i>Advanced Functional Materials</i> , 2022, 32, 2108814.	7.8	52
77	Effect of gas empty bed contact time on performances of various types of rotating drum biofilters for removal of VOCs. <i>Water Research</i> , 2008, 42, 3641-3650.	5.3	51
78	Enhanced Strategies for Antibiotic Removal from Swine Wastewater in Anaerobic Digestion. <i>Trends in Biotechnology</i> , 2021, 39, 8-11.	4.9	51
79	Effect of surfactant on styrene removal from waste gas streams in biotrickling filters. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 785-790.	1.6	48
80	Extractive desulfurization of dibenzothiophene by a mixed extractant of N,N-dimethylacetamide, N,N-dimethylformamide and tetramethylene sulfone: optimization by Box-Behnken design. <i>RSC Advances</i> , 2015, 5, 66013-66023.	1.7	47
81	Lanthanum-iron incorporated chitosan beads for adsorption of phosphate and cadmium from aqueous solutions. <i>Chemical Engineering Journal</i> , 2022, 448, 137519.	6.6	47
82	Enhanced removal of ethylbenzene from gas streams in biotrickling filters by Tween-20 and Zn(II). <i>Journal of Environmental Sciences</i> , 2014, 26, 2500-2507.	3.2	46
83	Preparation and characteristics of bacterial polymer using pre-treated sludge from swine wastewater treatment plant. <i>Bioresource Technology</i> , 2014, 152, 490-498.	4.8	46
84	Effects of surfactant and Zn (II) at various concentrations on microbial activity and ethylbenzene removal in biotrickling filter. <i>Chemosphere</i> , 2013, 93, 2909-2913.	4.2	45
85	Inhibition of tetracycline on anaerobic digestion of swine wastewater. <i>Bioresource Technology</i> , 2021, 334, 125253.	4.8	45
86	Preparation, Performances, and Mechanisms of Microbial Flocculants for Wastewater Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1360.	1.2	44
87	Fast and deep oxidative desulfurization of dibenzothiophene with catalysts of $MoO_3@TiO_2@MCM-22$ featuring adjustable Lewis and Brønsted acid sites. <i>Catalysis Science and Technology</i> , 2019, 9, 6166-6179.	2.1	43
88	Contamination of pyrethroids in agricultural soils from the Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2020, 731, 139181.	3.9	43
89	Comparison of single-layer and multi-layer rotating drum biofilters for VOC removal. <i>Environmental Progress</i> , 2003, 22, 87-94.	0.8	42
90	Influences of anion concentration and valence on dispersion and aggregation of titanium dioxide nanoparticles in aqueous solutions. <i>Journal of Environmental Sciences</i> , 2017, 54, 135-141.	3.2	42

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91	Performance and biofilm characteristics of biotrickling filters for ethylbenzene removal in the presence of saponins. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30021-30030.	2.7	42
92	Effect of presence of hydrophilic volatile organic compounds on removal of hydrophobic n-hexane in biotrickling filters. <i>Chemosphere</i> , 2020, 252, 126490.	4.2	42
93	Effects of anionic surfactant on n-hexane removal in biofilters. <i>Chemosphere</i> , 2016, 150, 248-253.	4.2	41
94	Simultaneous degradation of n-hexane and production of biosurfactants by <i>Pseudomonas</i> sp. strain NEE2 isolated from oil-contaminated soils. <i>Chemosphere</i> , 2020, 242, 125237.	4.2	38
95	Efficient removal of atrazine from aqueous solutions using magnetic <i>Saccharomyces cerevisiae</i> bioanomaterial. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7597-7610.	1.7	35
96	Performance of rotating drum biofilter for volatile organic compound removal at high organic loading rates. <i>Journal of Environmental Sciences</i> , 2008, 20, 285-290.	3.2	33
97	Effect of alkaline microwaving pretreatment on anaerobic digestion and biogas production of swine manure. <i>Scientific Reports</i> , 2017, 7, 1668.	1.6	33
98	Effects of Pretreatment Methods of Wheat Straw on Adsorption of Cd(II) from Waterlogged Paddy Soil. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 205.	1.2	32
99	Effects of humic acids on biotoxicity of tetracycline to microalgae <i>Coelastrella</i> sp.. <i>Algal Research</i> , 2020, 50, 101962.	2.4	32
100	Effects of long-term exposure to oxytetracycline on phytoremediation of swine wastewater via duckweed systems. <i>Journal of Hazardous Materials</i> , 2021, 414, 125508.	6.5	32
101	Sequential vertical flow trickling filter and horizontal flow multi-soil-layering reactor for treatment of decentralized domestic wastewater with sodium dodecyl benzene sulfonate. <i>Bioresource Technology</i> , 2020, 300, 122634.	4.8	31
102	Effects of heteroaggregation with metal oxides and clays on tetracycline adsorption by graphene oxide. <i>Science of the Total Environment</i> , 2020, 719, 137283.	3.9	30
103	Enhanced Removal of Hydrophobic Short-Chain <i>n</i> -Alkanes from Gas Streams in Biotrickling Filters in Presence of Surfactant. <i>Environmental Science & Technology</i> , 2022, 56, 10349-10360.	4.6	30
104	Removal of a Volatile Organic Compound in a Hybrid Rotating Drum Biofilter. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 282-291.	0.7	29
105	Innovative cleaner production for steel phosphorization using Zn-Mn phosphating solution. <i>Journal of Cleaner Production</i> , 2010, 18, 1040-1044.	4.6	29
106	Bioreactor consisting of pressurized aeration and dissolved air flotation for domestic wastewater treatment. <i>Separation and Purification Technology</i> , 2014, 138, 186-190.	3.9	28
107	Photocatalytic performances of heterojunction catalysts of silver phosphate modified by PANI and Cr-doped SrTiO ₃ for organic pollutant removal from high salinity wastewater. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 379-395.	5.0	27
108	Enhanced nitrogen removal and microbial analysis in partially saturated constructed wetland for treating anaerobically digested swine wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	26

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109	Peroxymonosulfate activation via CoP nanoparticles confined in nitrogen-doped porous carbon for enhanced degradation of sulfamethoxazole in wastewater with high salinity. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107734.	3.3	26
110	Biodegradation of 3,5-dimethyl-2,4-dichlorophenol in saline wastewater by newly isolated <i>Penicillium</i> sp. yz11-22N2. <i>Journal of Environmental Sciences</i> , 2017, 57, 211-220.	3.2	25
111	Role of extracellular polymeric substances and enhanced performance for biological removal of carbonaceous organic matters and ammonia from wastewater with high salinity and low nutrient concentrations. <i>Bioresource Technology</i> , 2021, 326, 124764.	4.8	25
112	Inhibition and disinhibition of 5-hydroxymethylfurfural in anaerobic fermentation: A review. <i>Chemical Engineering Journal</i> , 2021, 424, 130560.	6.6	24
113	Tubular biofilter for toluene removal under various organic loading rates and gas empty bed residence times. <i>Bioresource Technology</i> , 2012, 121, 199-204.	4.8	22
114	Effects and mechanisms of phytoalexins on the removal of polycyclic aromatic hydrocarbons (PAHs) by an endophytic bacterium isolated from ryegrass. <i>Environmental Pollution</i> , 2019, 253, 872-881.	3.7	21
115	Removal of acenaphthene by biochar and raw biomass with coexisting heavy metal and phenanthrene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 103-109.	2.3	20
116	Removal of acenaphthene from water by Triton X-100-facilitated biochar-immobilized <i>Pseudomonas aeruginosa</i> . <i>RSC Advances</i> , 2018, 8, 23426-23432.	1.7	19
117	Effects of oxytetracycline and zinc ion on nutrient removal and biomass production via microalgal culturing in anaerobic digester effluent. <i>Bioresource Technology</i> , 2022, 346, 126667.	4.8	19
118	Modeling variations of medium porosity in rotating drum biofilter. <i>Chemosphere</i> , 2009, 74, 245-249.	4.2	17
119	Modeling biodegradation of toluene in rotating drum biofilter. <i>Water Science and Technology</i> , 2006, 54, 137-144.	1.2	16
120	Enhanced enzymatic hydrolysis of wheat straw by two-step pretreatment combining alkalization and adsorption. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9831-9842.	1.7	16
121	The road to wild yak protection in China. <i>Science</i> , 2018, 360, 866-866.	6.0	16
122	Enhanced biodegradation of n-hexane by <i>Pseudomonas</i> sp. strain NEE2. <i>Scientific Reports</i> , 2019, 9, 16615.	1.6	16
123	Effects of fulvic acids and electrolytes on colloidal stability and photocatalysis of nano-TiO ₂ for atrazine removal. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 7275-7284.	1.8	15
124	Surfactant-facilitated alginate-biochar beads embedded with PAH-degrading bacteria and their application in wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4807-4814.	2.7	15
125	Performance and biofilm characteristics of a gas biofilter for n-hexane removal at various operational conditions. <i>RSC Advances</i> , 2015, 5, 48954-48960.	1.7	14
126	Efficient removal of naphthalene-2-ol from aqueous solutions by solvent extraction. <i>Journal of Environmental Sciences</i> , 2016, 47, 120-129.	3.2	14

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127	Effects and mechanisms of anionic and nonionic surfactants on biochar removal of chromium. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18443-18450.	2.7	14
128	Performance promotion and its mechanism for n-hexane removal in a lab-scale biotrickling filter with reticular polyurethane sponge under intermittent spraying mode. <i>Chemical Engineering Research and Design</i> , 2021, 152, 654-662.	2.7	14
129	Performance of Modified Electro-Fenton Process for Phenol Degradation Using Bipolar Graphite Electrodes and Activated Carbon. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 613-619.	0.7	13
130	Treatment of Organic Wastewater Containing High Concentration of Sulfate by Crystallization-Fenton-SBR. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	12
131	Effects of 5-hydroxymethylfurfural on removal performance and microbial community structure of aerobic activated sludge treating digested swine wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106104.	3.3	12
132	Combined effect of ryegrass and <i>Hyphomicrobium</i> sp. GHH on the remediation of EE2-Cd co-contaminated soil. <i>Journal of Soils and Sediments</i> , 2020, 20, 425-434.	1.5	11
133	Pierced cylindrical gas inlet device for sulfur dioxide removal from waste gas streams. <i>Separation and Purification Technology</i> , 2008, 63, 86-91.	3.9	10
134	The recovery of gallic acid from wastewater by extraction with tributyl phosphate/4-methyl-2-pentanone/n-hexane, tributyl phosphate/n-octanol/n-hexane and n-hexanol. <i>RSC Advances</i> , 2016, 6, 93626-93639.	1.7	10
135	Transcriptome Profiles of Leaves and Roots of Goldenrain Tree (<i>Koeleria paniculata</i> Laxm.) in Response to Cadmium Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12046.	1.2	10
136	Effects of Ca ²⁺ and fulvic acids on atrazine degradation by nano-TiO ₂ : Performances and mechanisms. <i>Scientific Reports</i> , 2019, 9, 8880.	1.6	9
137	A two-dimensional water-quality model for a winding and topographically complicated river. <i>Journal of Environmental Management</i> , 2001, 61, 113-121.	3.8	7
138	Interaction of <i>Lolium perenne</i> and <i>Hyphomicrobium</i> sp. GHH enhances the removal of 17 β -ethinyestradiol (EE2) from soil. <i>Journal of Soils and Sediments</i> , 2019, 19, 1297-1305.	1.5	7
139	Numerical simulation for volatile organic compound removal in rotating drum biofilter. <i>Science Bulletin</i> , 2007, 52, 2184-2189.	1.7	6
140	Simulating accumulation of biofilms in biotrickling filter. <i>International Journal of Environment and Pollution</i> , 2009, 38, 245.	0.2	5
141	Performance and Biomass Characteristics of SBRs Treating High-Salinity Wastewater at Presence of Anionic Surfactants. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2689.	1.2	4
142	Sequestration of HCHs and DDTs in sediments in Dongting Lake of China with multiwalled carbon nanotubes: implication for in situ sequestration. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7726-7739.	2.7	3
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