

Chunping Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

7,836
citations

50
h-index

85
g-index

146
ext. papers

9,548
ext. citations

9
avg, IF

6.61
L-index

#	Paper	IF	Citations
142	Interfacial Charge Transfer between Silver Phosphate and W2N3 Induced by Nitrogen Vacancies Enhances Removal of β -Lactam Antibiotics. <i>Advanced Functional Materials</i> , 2022 , 32, 2108814	15.6	8
141	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	11	0
140	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	6.4	16
139	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 , 107734	6.8	2
138	Transcriptome Profiles of Leaves and Roots of Goldenrain Tree (Laxm.) in Response to Cadmium Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
137	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	15.6	43
136	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	11	7
135	Sulfite-based advanced oxidation and reduction processes for water treatment. <i>Chemical Engineering Journal</i> , 2021 , 414, 128872	14.7	45
134	Construction of bifunctional 3-D ordered mesoporous catalyst for oxidative desulfurization. <i>Separation and Purification Technology</i> , 2021 , 264, 118434	8.3	22
133	Effects of long-term exposure to oxytetracycline on phytoremediation of swine wastewater via duckweed systems. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125508	12.8	11
132	Enhanced Strategies for Antibiotic Removal from Swine Wastewater in Anaerobic Digestion. <i>Trends in Biotechnology</i> , 2021 , 39, 8-11	15.1	25
131	A review: Research progress on microplastic pollutants in aquatic environments. <i>Science of the Total Environment</i> , 2021 , 766, 142572	10.2	50
130	Bisphenol S-doped g-C3N4 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	14.7	25
129	Fate and effects of microplastics in wastewater treatment processes. <i>Science of the Total Environment</i> , 2021 , 757, 143902	10.2	27
128	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 ^{5.1}	5.1	5
127	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	5.5	0
126	Inhibition of tetracycline on anaerobic digestion of swine wastewater. <i>Bioresource Technology</i> , 2021 , 334, 125253	11	11

125	Enhancing anaerobic digestion process with addition of conductive materials. <i>Chemosphere</i> , 2021 , 278, 130449	8.4	20
124	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	6.8	4
123	Inhibition and disinhibition of 5-hydroxymethylfurfural in anaerobic fermentation: A review. <i>Chemical Engineering Journal</i> , 2021 , 424, 130560	14.7	2
122	Effects of humic acids on biotoxicity of tetracycline to microalgae <i>Coelastrella</i> sp.. <i>Algal Research</i> , 2020 , 50, 101962	5	15
121	Contamination of pyrethroids in agricultural soils from the Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2020 , 731, 139181	10.2	7
120	Microplastics in waters and soils: Occurrence, analytical methods and ecotoxicological effects. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 202, 110910	7	44
119	Sustainable livestock wastewater treatment via phytoremediation: Current status and future perspectives. <i>Bioresource Technology</i> , 2020 , 315, 123809	11	50
118	Preparation, Performances, and Mechanisms of Microbial Flocculants for Wastewater Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	19
117	Effects of heteroaggregation with metal oxides and clays on tetracycline adsorption by graphene oxide. <i>Science of the Total Environment</i> , 2020 , 719, 137283	10.2	16
116	Degradation of thiacloprid via unactivated peroxymonosulfate: The overlooked singlet oxygen oxidation. <i>Chemical Engineering Journal</i> , 2020 , 388, 124264	14.7	41
115	Nutrient removal from swine wastewater with growing microalgae at various zinc concentrations. <i>Algal Research</i> , 2020 , 46, 101804	5	50
114	Performance and Biomass Characteristics of SBs Treating High-Salinity Wastewater at Presence of Anionic Surfactants. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
113	Effect of presence of hydrophilic volatile organic compounds on removal of hydrophobic n-hexane in biotrickling filters. <i>Chemosphere</i> , 2020 , 252, 126490	8.4	15
112	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	8.4	25
111	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	11	18
110	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	9.3	12
109	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	14.7	74
108	Insights into mechanisms of UV/ferrate oxidation for degradation of phenolic pollutants: Role of superoxide radicals. <i>Chemosphere</i> , 2020 , 244, 125490	8.4	43

107	Gama-graphyne as photogenerated electrons transfer layer enhances photocatalytic performance of silver phosphate. <i>Applied Catalysis B: Environmental</i> , 2020 , 264, 118479	21.8	44
106	Microalgal and duckweed based constructed wetlands for swine wastewater treatment: A review. <i>Bioresource Technology</i> , 2020 , 318, 123858	11	33
105	Combination of Wastewater Treatment Measures and Landscape Ecological Design in Traditional Villages Based on Sustainability Theory: A Case Study of Miao Village in Xiangxi, China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 526, 012023	0.3	
104	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	15.6	59
103	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	3.4	9
102	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,	4.6	25
101	Effects of Ca and fulvic acids on atrazine degradation by nano-TiO ₂ : Performances and mechanisms. <i>Scientific Reports</i> , 2019 , 9, 8880	4.9	5
100	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	5.8	15
99	The individual and Co-exposure degradation of benzophenone derivatives by UV/HO and UV/PDS in different water matrices. <i>Water Research</i> , 2019 , 159, 102-110	12.5	48
98	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	12.5	65
97	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	21.8	81
96	Phytoremediation of anaerobically digested swine wastewater contaminated by oxytetracycline via <i>Lemna aquinoctialis</i> : Nutrient removal, growth characteristics and degradation pathways. <i>Bioresource Technology</i> , 2019 , 291, 121853	11	42
95	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	9.3	12
94	Enhanced activation of peroxymonosulfate by LaFeO perovskite supported on AlO for degradation of organic pollutants. <i>Chemosphere</i> , 2019 , 237, 124478	8.4	49
93	Enhanced biodegradation of n-hexane by <i>Pseudomonas</i> sp. strain NEE2. <i>Scientific Reports</i> , 2019 , 9, 16614	4.9	6
92	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	5.5	34
91	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	3.4	5
90	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	21.8	124

89	Adsorptive removal of anionic dye using calcined oyster shells: isotherms, kinetics, and thermodynamics. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5944-5954	5.1	36
88	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	8.4	54
87	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	3.3	12
86	Preparation, performances and mechanisms of magnetic <i>Saccharomyces cerevisiae</i> bionanocomposites for atrazine removal. <i>Chemosphere</i> , 2018 , 200, 380-387	8.4	59
85	Simultaneous Removal of Multicomponent VOCs in Biofilters. <i>Trends in Biotechnology</i> , 2018 , 36, 673-685	5.1	139
84	Treatment of Organic Wastewater Containing High Concentration of Sulfate by Crystallization-Fenton-SBR. <i>Journal of Environmental Engineering, ASCE</i> , 2018 , 144, 04018041	2	8
83	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	21.8	126
82	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	14.7	172
81	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	11	92
80	Effects and mechanisms of anionic and nonionic surfactants on biochar removal of chromium. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 18443-18450	5.1	11
79	Magnetic bionanoparticles of <i>Penicillium</i> sp. yz11-22N2 doped with FeO and encapsulated within PVA-SA gel beads for atrazine removal. <i>Bioresource Technology</i> , 2018 , 260, 196-203	11	45
78	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	9.4	57
77	Effect of salinity on removal performance and activated sludge characteristics in sequencing batch reactors. <i>Bioresource Technology</i> , 2018 , 249, 890-899	11	125
76	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	11	68
75	Performances and mechanisms of efficient degradation of atrazine using peroxymonosulfate and ferrate as oxidants. <i>Chemical Engineering Journal</i> , 2018 , 353, 533-541	14.7	122
74	Removal of acenaphthene from water by Triton X-100-facilitated biochar-immobilized .. <i>RSC Advances</i> , 2018 , 8, 23426-23432	3.7	10
73	Toxicity of carbon nanomaterials to plants, animals and microbes: Recent progress from 2015-present. <i>Chemosphere</i> , 2018 , 206, 255-264	8.4	88
72	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	5.1	13

71	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	7.1	70
70	Conservation accord: Let countries govern. <i>Science</i> , 2018 , 360, 1195	33.3	
69	Efficient removal of atrazine from aqueous solutions using magnetic <i>Saccharomyces cerevisiae</i> bionanomaterial. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 7597-7610	5.7	27
68	Roles of acid-producing bacteria in anaerobic digestion of waste activated sludge. <i>Frontiers of Environmental Science and Engineering</i> , 2018 , 12, 1	5.8	35
67	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	5.1	22
66	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	3.3	74
65	Enhanced enzymatic hydrolysis of wheat straw by two-step pretreatment combining alkalization and adsorption. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 9831-9842	5.7	15
64	The road to wild yak protection in China. <i>Science</i> , 2018 , 360, 866	33.3	5
63	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	14.7	151
62	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	6.4	19
61	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	5.1	3
60	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	5.1	131
59	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	7.1	83
58	Effect of alkaline microwaving pretreatment on anaerobic digestion and biogas production of swine manure. <i>Scientific Reports</i> , 2017 , 7, 1668	4.9	26
57	Effect of Cu(II) ions on the enhancement of tetracycline adsorption by FeO@SiO ₂ -Chitosan/graphene oxide nanocomposite. <i>Carbohydrate Polymers</i> , 2017 , 157, 576-585	10.3	177
56	Influence of salinity on microorganisms in activated sludge processes: A review. <i>International Biodeterioration and Biodegradation</i> , 2017 , 119, 520-527	4.8	187
55	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	4.8	96
54	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	6.4	34

53	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,	2	60
52	Exploiting the CRISPR/Cas9 System for Targeted Genome Mutagenesis in Petunia. <i>Scientific Reports</i> , 2016 , 6, 20315	4.9	81
51	Challenges and solutions for biofiltration of hydrophobic volatile organic compounds. <i>Biotechnology Advances</i> , 2016 , 34, 1091-1102	17.8	248
50	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	7.1	48
49	Performances, kinetics and mechanisms of catalytic oxidative desulfurization from oils. <i>RSC Advances</i> , 2016 , 6, 103253-103269	3.7	61
48	Nutrient removal and lipid production by <i>Coelastrella</i> sp. in anaerobically and aerobically treated swine wastewater. <i>Bioresource Technology</i> , 2016 , 216, 135-41	11	123
47	Efficacy of carbonaceous nanocomposites for sorbing ionizable antibiotic sulfamethazine from aqueous solution. <i>Water Research</i> , 2016 , 95, 103-12	12.5	260
46	Oxidative desulfurization of dibenzothiophene using a catalyst of molybdenum supported on modified medicinal stone. <i>RSC Advances</i> , 2016 , 6, 17036-17045	3.7	63
45	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	11.8	119
44	Effects of anionic surfactant on n-hexane removal in biofilters. <i>Chemosphere</i> , 2016 , 150, 248-253	8.4	32
43	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	4.9	66
42	Efficient removal of naphthalene-2-ol from aqueous solutions by solvent extraction. <i>Journal of Environmental Sciences</i> , 2016 , 47, 120-129	6.4	14
41	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	8.3	76
40	Treatment of anaerobically digested swine wastewater by <i>Rhodobacter blasticus</i> and <i>Rhodobacter capsulatus</i> . <i>Bioresource Technology</i> , 2016 , 222, 33-38	11	72
39	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	3.7	9
38	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, 424-32 ¹¹		58
37	Extractive desulfurization of dibenzothiophene by a mixed extractant of N,N-dimethylacetamide, N,N-dimethylformamide and tetramethylene sulfone: optimization by BoxBehnken design. <i>RSC Advances</i> , 2015 , 5, 66013-66023	3.7	44
36	Removal of cadmium and lead from aqueous solutions using nitrilotriacetic acid anhydride modified ligno-cellulosic material. <i>RSC Advances</i> , 2015 , 5, 11475-11484	3.7	62

35	Effect of saponins on n-hexane removal in biotrickling filters. <i>Bioresource Technology</i> , 2015 , 175, 231-8	11	45
34	Performance and biofilm characteristics of a gas biofilter for n-hexane removal at various operational conditions. <i>RSC Advances</i> , 2015 , 5, 48954-48960	3.7	10
33	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, 745-55	17.8	559
32	Preparation and characteristics of bacterial polymer using pre-treated sludge from swine wastewater treatment plant. <i>Bioresource Technology</i> , 2014 , 152, 490-8	11	41
31	Catalytic oxidative desulfurization of dibenzothiophene using catalyst of tungsten supported on resin D152. <i>Fuel</i> , 2014 , 130, 19-24	7.1	50
30	Bioreactor consisting of pressurized aeration and dissolved air flotation for domestic wastewater treatment. <i>Separation and Purification Technology</i> , 2014 , 138, 186-190	8.3	21
29	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, 6847-58	5.7	71
28	Enhanced removal of ethylbenzene from gas streams in biotrickling filters by Tween-20 and Zn(II). <i>Journal of Environmental Sciences</i> , 2014 , 26, 2500-7	6.4	38
27	Novel two-stage vertical flow biofilter system for efficient treatment of decentralized domestic wastewater. <i>Ecological Engineering</i> , 2014 , 64, 415-423	3.9	48
26	Effects of surfactant and Zn (II) at various concentrations on microbial activity and ethylbenzene removal in biotrickling filter. <i>Chemosphere</i> , 2013 , 93, 2909-13	8.4	39
25	Treatment of swine wastewater using chemically modified zeolite and bioflocculant from activated sludge. <i>Bioresource Technology</i> , 2013 , 143, 289-97	11	85
24	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	3.5	43
23	Tubular biofilter for toluene removal under various organic loading rates and gas empty bed residence times. <i>Bioresource Technology</i> , 2012 , 121, 199-204	11	17
22	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	2	10
21	Performance of biotrickling filters packed with structured or cubic polyurethane sponges for VOC removal. <i>Journal of Environmental Sciences</i> , 2011 , 23, 1325-33	6.4	44
20	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, 676-82	12.8	187
19	Biosorption of zinc(II) from aqueous solution by dried activated sludge. <i>Journal of Environmental Sciences</i> , 2010 , 22, 675-80	6.4	75
18	Biomass accumulation and control strategies in gas biofiltration. <i>Biotechnology Advances</i> , 2010 , 28, 531-40.8	40.8	211

17	Innovative cleaner production for steel phosphorization using ZnMn phosphating solution. <i>Journal of Cleaner Production</i> , 2010 , 18, 1040-1044	10.3	19
16	Effects of surfactants and salt on Henry's constant of n-hexane. <i>Journal of Hazardous Materials</i> , 2010 , 175, 187-92	12.8	46
15	Removal of triazophos pesticide from wastewater with Fenton reagent. <i>Journal of Hazardous Materials</i> , 2009 , 167, 1028-32	12.8	87
14	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, 1474-9	11.8	49
13	Modeling variations of medium porosity in rotating drum biofilter. <i>Chemosphere</i> , 2009 , 74, 245-9	8.4	17
12	Simulating accumulation of biofilms in biotrickling filter. <i>International Journal of Environment and Pollution</i> , 2009 , 38, 245	0.7	5
11	Performance of rotating drum biofilter for volatile organic compound removal at high organic loading rates. <i>Journal of Environmental Sciences</i> , 2008 , 20, 285-90	6.4	30
10	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, 3641-50	12.5	41
9	Pierced cylindrical gas inlet device for sulfur dioxide removal from waste gas streams. <i>Separation and Purification Technology</i> , 2008 , 63, 86-91	8.3	10
8	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, 655-61	12.8	369
7	Effect and aftereffect of gamma radiation pretreatment on enzymatic hydrolysis of wheat straw. <i>Bioresource Technology</i> , 2008 , 99, 6240-5	11	107
6	Numerical simulation for volatile organic compound removal in rotating drum biofilter. <i>Science Bulletin</i> , 2007 , 52, 2184-2189		5
5	Modeling biodegradation of toluene in rotating drum biofilter. <i>Water Science and Technology</i> , 2006 , 54, 137-44	2.2	14
4	Removal of a Volatile Organic Compound in a Hybrid Rotating Drum Biofilter. <i>Journal of Environmental Engineering, ASCE</i> , 2004 , 130, 282-291	2	25
3	Effect of substrate Henry's constant on biofilter performance. <i>Journal of the Air and Waste Management Association</i> , 2004 , 54, 409-18	2.4	71
2	Comparison of single-layer and multi-layer rotating drum biofilters for VOC removal. <i>Environmental Progress</i> , 2003 , 22, 87-94		39
1	A two-dimensional water-quality model for a winding and topographically complicated river. <i>Journal of Environmental Management</i> , 2001 , 61, 113-21	7.9	6