Chunping Yang

List of Publications by Citations

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	Bioremediation of soils contaminated with polycyclic aromatic hydrocarbons, petroleum, pesticides, chlorophenols and heavy metals by composting: Applications, microbes and future research needs. *Biotechnology Advances*, **2015**, 33, 745-55	17.8	559
141	Biosorption of cadmium(II), zinc(II) and lead(II) by Penicillium simplicissimum: Isotherms, kinetics and thermodynamics. *Journal of Hazardous Materials*, **2008**, 160, 655-61	12.8	369
140	Efficacy of carbonaceous nanocomposites for sorbing ionizable antibiotic sulfamethazine from aqueous solution. *Water Research*, **2016**, 95, 103-12	12.5	260
139	Challenges and solutions for biofiltration of hydrophobic volatile organic compounds. *Biotechnology Advances*, **2016**, 34, 1091-1102	17.8	248
138	Biomass accumulation and control strategies in gas biofiltration. *Biotechnology Advances*, **2010**, 28, 531-40	17.8	211
137	Influence of salinity on microorganisms in activated sludge processes: A review. *International Biodeterioration and Biodegradation*, **2017**, 119, 520-527	4.8	187
136	Biosorption of copper(II) by immobilizing Saccharomyces cerevisiae on the surface of chitosan-coated magnetic nanoparticles from aqueous solution. *Journal of Hazardous Materials*, **2010**, 177, 676-82	12.8	187
135	Effect of Cu(II) ions on the enhancement of tetracycline adsorption by FeO@SiO-Chitosan/graphene oxide nanocomposite. *Carbohydrate Polymers*, **2017**, 157, 576-585	10.3	177
134	Insights into atrazine degradation by persulfate activation using composite of nanoscale zero-valent iron and graphene: Performances and mechanisms. *Chemical Engineering Journal*, **2018**, 341, 126-136	14.7	172
133	Advantages and challenges of Tween 80 surfactant-enhanced technologies for the remediation of soils contaminated with hydrophobic organic compounds. *Chemical Engineering Journal*, **2017**, 314, 98-113	14.7	151
132	Simultaneous Removal of Multicomponent VOCs in Biofilters. *Trends in Biotechnology*, **2018**, 36, 673-685	15.1	139
131	Role of biochar on composting of organic wastes and remediation of contaminated soils-a review. *Environmental Science and Pollution Research*, **2017**, 24, 16560-16577	5.1	131
130	Microstructure and performance of Z-scheme photocatalyst of silver phosphate modified by MWCNTs and Cr-doped SrTiO3 for malachite green degradation. *Applied Catalysis B: Environmental*, **2018**, 227, 557-570	21.8	126
129	Effect of salinity on removal performance and activated sludge characteristics in sequencing batch reactors. *Bioresource Technology*, **2018**, 249, 890-899	11	125
128	Preparation of size-controlled silver phosphate catalysts and their enhanced photocatalysis performance via synergetic effect with MWCNTs and PANI. *Applied Catalysis B: Environmental*, **2019**, 245, 71-86	21.8	124
127	Nutrient removal and lipid production by Coelastrella sp. in anaerobically and aerobically treated swine wastewater. *Bioresource Technology*, **2016**, 216, 135-41	11	123
126	Performances and mechanisms of efficient degradation of atrazine using peroxymonosulfate and ferrate as oxidants. *Chemical Engineering Journal*, **2018**, 353, 533-541	14.7	122

125	Nanoporous Au-based chronocoulometric aptasensor for amplified detection of Pb(2+) using DNAzyme modified with Au nanoparticles. *Biosensors and Bioelectronics*, **2016**, 81, 61-67	11.8	119
124	Effect and aftereffect of gamma radiation pretreatment on enzymatic hydrolysis of wheat straw. *Bioresource Technology*, **2008**, 99, 6240-5	11	107
123	Effects of C/N ratio and bulking agent on speciation of Zn and Cu and enzymatic activity during pig manure composting. *International Biodeterioration and Biodegradation*, **2017**, 119, 429-436	4.8	96
122	Responses of microalgae Coelastrella sp. to stress of cupric ions in treatment of anaerobically digested swine wastewater. *Bioresource Technology*, **2018**, 251, 274-279	11	92
121	Toxicity of carbon nanomaterials to plants, animals and microbes: Recent progress from 2015-present. *Chemosphere*, **2018**, 206, 255-264	8.4	88
120	Removal of triazophos pesticide from wastewater with Fenton reagent. *Journal of Hazardous Materials*, **2009**, 167, 1028-32	12.8	87
119	Treatment of swine wastewater using chemically modified zeolite and bioflocculant from activated sludge. *Bioresource Technology*, **2013**, 143, 289-97	11	85
118	Preparation, characterization, and catalytic performances of cobalt catalysts supported on KIT-6 silicas in oxidative desulfurization of dibenzothiophene. *Fuel*, **2017**, 200, 11-21	7.1	83
117	Exploiting the CRISPR/Cas9 System for Targeted Genome Mutagenesis in Petunia. *Scientific Reports* , **2016**, 6, 20315	4.9	81
116	Spatial separation of photogenerated carriers and enhanced photocatalytic performance on Ag3PO4 catalysts via coupling with PPy and MWCNTs. *Applied Catalysis B: Environmental*, **2019**, 258, 117969	21.8	81
115	Catalytic oxidative desulfurization of BT and DBT from n -octane using cyclohexanone peroxide and catalyst of molybdenum supported on 4A molecular sieve. *Separation and Purification Technology*, **2016**, 163, 153-161	8.3	76
114	Biosorption of zinc(II) from aqueous solution by dried activated sludge. *Journal of Environmental Sciences*, **2010**, 22, 675-80	6.4	75
113	High-performance porous carbon catalysts doped by iron and nitrogen for degradation of bisphenol F via peroxymonosulfate activation. *Chemical Engineering Journal*, **2020**, 392, 123683	14.7	74
112	Biosorption of Cd(II) from synthetic wastewater using dry biofilms from biotrickling filters. *International Journal of Environmental Science and Technology*, **2018**, 15, 1491-1500	3.3	74
111	Treatment of anaerobically digested swine wastewater by Rhodobacter blasticus and Rhodobacter capsulatus. *Bioresource Technology*, **2016**, 222, 33-38	11	72
110	Characterization and application of bioflocculant prepared by Rhodococcus erythropolis using sludge and livestock wastewater as cheap culture media. *Applied Microbiology and Biotechnology*, **2014**, 98, 6847-58	5.7	71
109	Effect of substrate HenryЂs constant on biofilter performance. *Journal of the Air and Waste Management Association*, **2004**, 54, 409-18	2.4	71
108	Oxidative desulfurization of dibenzothiophene using molybdenum catalyst supported on Ti-pillared montmorillonite and separation of sulfones by filtration. *Fuel*, **2018**, 234, 1229-1237	7.1	70

107	Effect of zinc ions on nutrient removal and growth of Lemna aequinoctialis from anaerobically digested swine wastewater. *Bioresource Technology*, **2018**, 249, 457-463	11	68
106	One-pot synthesis of carbon supported calcined-Mg/Al layered double hydroxides for antibiotic removal by slow pyrolysis of biomass waste. *Scientific Reports*, **2016**, 6, 39691	4.9	66
105	Effects of copper ions on removal of nutrients from swine wastewater and on release of dissolved organic matter in duckweed systems. *Water Research*, **2019**, 158, 171-181	12.5	65
104	Oxidative desulfurization of dibenzothiophene using a catalyst of molybdenum supported on modified medicinal stone. *RSC Advances*, **2016**, 6, 17036-17045	3.7	63
103	Removal of cadmium and lead from aqueous solutions using nitrilotriacetic acid anhydride modified ligno-cellulosic material. *RSC Advances*, **2015**, 5, 11475-11484	3.7	62
102	Performances, kinetics and mechanisms of catalytic oxidative desulfurization from oils. *RSC Advances*, **2016**, 6, 103253-103269	3.7	61
101	Biosorption of Pb(II) Ions from Aqueous Solutions by Waste Biomass from Biotrickling Filters: Kinetics, Isotherms, and Thermodynamics. *Journal of Environmental Engineering, ASCE*, **2016**, 142,	2	60
100	Preparation, performances and mechanisms of magnetic Saccharomyces cerevisiae bionanocomposites for atrazine removal. *Chemosphere*, **2018**, 200, 380-387	8.4	59
99	Construction of Built-In Electric Field within Silver Phosphate Photocatalyst for Enhanced Removal of Recalcitrant Organic Pollutants. *Advanced Functional Materials*, **2020**, 30, 2002918	15.6	59
98	Performance of system consisting of vertical flow trickling filter and horizontal flow multi-soil-layering reactor for treatment of rural wastewater. *Bioresource Technology*, **2015**, 193, 424-32	11	58
97	Tween 80 surfactant-enhanced bioremediation: toward a solution to the soil contamination by hydrophobic organic compounds. *Critical Reviews in Biotechnology*, **2018**, 38, 17-30	9.4	57
96	Nitrogen removal of anaerobically digested swine wastewater by pilot-scale tidal flow constructed wetland based on in-situ biological regeneration of zeolite. *Chemosphere*, **2019**, 217, 364-373	8.4	54
95	Sustainable livestock wastewater treatment via phytoremediation: Current status and future perspectives. *Bioresource Technology*, **2020**, 315, 123809	11	50
94	Nutrient removal from swine wastewater with growing microalgae at various zinc concentrations. *Algal Research*, **2020**, 46, 101804	5	50
93	Catalytic oxidative desulfurization of dibenzothiophene using catalyst of tungsten supported on resin D152. *Fuel*, **2014**, 130, 19-24	7.1	50
92	A review: Research progress on microplastic pollutants in aquatic environments. *Science of the Total Environment*, **2021**, 766, 142572	10.2	50
91	Enhanced activation of peroxymonosulfte by LaFeO perovskite supported on AlO for degradation of organic pollutants. *Chemosphere*, **2019**, 237, 124478	8.4	49
90	Sensitive detection of lip genes by electrochemical DNA sensor and its application in polymerase chain reaction amplicons from Phanerochaete chrysosporium. *Biosensors and Bioelectronics*, **2009**, 24, 1474-9	11.8	49

89	The individual and Co-exposure degradation of benzophenone derivatives by UV/HO and UV/PDS in different water matrices. *Water Research*, **2019**, 159, 102-110	12.5	48
88	Electrochemical DNA sensing strategy based on strengthening electronic conduction and a signal amplifier carrier of nanoAu/MCN composited nanomaterials for sensitive lead detection. *Environmental Science: Nano*, **2016**, 3, 1504-1509	7.1	48
87	Novel two-stage vertical flow biofilter system for efficient treatment of decentralized domestic wastewater. *Ecological Engineering*, **2014**, 64, 415-423	3.9	48
86	Effects of surfactants and salt on HenryŦs constant of n-hexane. *Journal of Hazardous Materials*, **2010**, 175, 187-92	12.8	46
85	Effect of saponins on n-hexane removal in biotrickling filters. *Bioresource Technology*, **2015**, 175, 231-8	11	45
84	Magnetic bionanoparticles of Penicillium sp. yz11-22N2 doped with FeO and encapsulated within PVA-SA gel beads for atrazine removal. *Bioresource Technology*, **2018**, 260, 196-203	11	45
83	Sulfite-based advanced oxidation and reduction processes for water treatment. *Chemical Engineering Journal*, **2021**, 414, 128872	14.7	45
82	Extractive desulfurization of dibenzothiophene by a mixed extractant of N,N-dimethylacetamide, N,N-dimethylformamide and tetramethylene sulfone: optimization by BoxBehnken design. *RSC Advances*, **2015**, 5, 66013-66023	3.7	44
81	Microplastics in waters and soils: Occurrence, analytical methods and ecotoxicological effects. *Ecotoxicology and Environmental Safety*, **2020**, 202, 110910	7	44
80	Performance of biotrickling filters packed with structured or cubic polyurethane sponges for VOC removal. *Journal of Environmental Sciences*, **2011**, 23, 1325-33	6.4	44
79	Gama-graphyne as photogenerated electrons transfer layer enhances photocatalytic performance of silver phosphate. *Applied Catalysis B: Environmental*, **2020**, 264, 118479	21.8	44
78	Effect of surfactant on styrene removal from waste gas streams in biotrickling filters. *Journal of Chemical Technology and Biotechnology*, **2012**, 87, 785-790	3.5	43
77	Insights into mechanisms of UV/ferrate oxidation for degradation of phenolic pollutants: Role of superoxide radicals. *Chemosphere*, **2020**, 244, 125490	8.4	43
76	Molybdenum Dioxide Nanoparticles Anchored on Nitrogen-Doped Carbon Nanotubes as Oxidative Desulfurization Catalysts: Role of Electron Transfer in Activity and Reusability. *Advanced Functional Materials*, **2021**, 31, 2100442	15.6	43
75	Phytoremediation of anaerobically digested swine wastewater contaminated by oxytetracycline via Lemna aequinoctialis: Nutrient removal, growth characteristics and degradation pathways. *Bioresource Technology*, **2019**, 291, 121853	11	42
74	Degradation of thiacloprid via unactivated peroxymonosulfate: The overlooked singlet oxygen oxidation. *Chemical Engineering Journal*, **2020**, 388, 124264	14.7	41
73	Preparation and characteristics of bacterial polymer using pre-treated sludge from swine wastewater treatment plant. *Bioresource Technology*, **2014**, 152, 490-8	11	41
72	Effect of gas empty bed contact time on performances of various types of rotating drum biofilters for removal of VOCs. *Water Research*, **2008**, 42, 3641-50	12.5	41

71	Effects of surfactant and Zn (II) at various concentrations on microbial activity and ethylbenzene removal in biotricking filter. *Chemosphere*, **2013**, 93, 2909-13	8.4	39
70	Comparison of single-layer and multi-layer rotating drum biofilters for VOC removal. *Environmental Progress*, **2003**, 22, 87-94		39
69	Enhanced removal of ethylbenzene from gas streams in biotrickling filters by Tween-20 and Zn(II). *Journal of Environmental Sciences*, **2014**, 26, 2500-7	6.4	38
68	Adsorptive removal of anionic dye using calcined oyster shells: isotherms, kinetics, and thermodynamics. *Environmental Science and Pollution Research*, **2019**, 26, 5944-5954	5.1	36
67	Roles of acid-producing bacteria in anaerobic digestion of waste activated sludge. *Frontiers of Environmental Science and Engineering*, **2018**, 12, 1	5.8	35
66	Influences of anion concentration and valence on dispersion and aggregation of titanium dioxide nanoparticles in aqueous solutions. *Journal of Environmental Sciences*, **2017**, 54, 135-141	6.4	34
65	Fast and deep oxidative desulfurization of dibenzothiophene with catalysts of MoO3TiO2@MCM-22 featuring adjustable Lewis and Brsted acid sites. *Catalysis Science and Technology*, **2019**, 9, 6166-6179	5.5	34
64	Microalgal and duckweed based constructed wetlands for swine wastewater treatment: A review. *Bioresource Technology*, **2020**, 318, 123858	11	33
63	Effects of anionic surfactant on n-hexane removal in biofilters. *Chemosphere*, **2016**, 150, 248-253	8.4	32
62	Performance of rotating drum biofilter for volatile organic compound removal at high organic loading rates. *Journal of Environmental Sciences*, **2008**, 20, 285-90	6.4	30
61	Efficient removal of atrazine from aqueous solutions using magnetic Saccharomyces cerevisiae bionanomaterial. *Applied Microbiology and Biotechnology*, **2018**, 102, 7597-7610	5.7	27
60	Fate and effects of microplastics in wastewater treatment processes. *Science of the Total Environment*, **2021**, 757, 143902	10.2	27
59	Effect of alkaline microwaving pretreatment on anaerobic digestion and biogas production of swine manure. *Scientific Reports*, **2017**, 7, 1668	4.9	26
58	Effects of Pretreatment Methods of Wheat Straw on Adsorption of Cd(II) from Waterlogged Paddy Soil. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	25
57	Removal of a Volatile Organic Compound in a Hybrid Rotating Drum Biofilter. *Journal of Environmental Engineering, ASCE*, **2004**, 130, 282-291	2	25
56	Simultaneous degradation of n-hexane and production of biosurfactants by Pseudomonas sp. strain NEE2 isolated from oil-contaminated soils. *Chemosphere*, **2020**, 242, 125237	8.4	25
55	Enhanced Strategies for Antibiotic Removal from Swine Wastewater in Anaerobic Digestion. *Trends in Biotechnology*, **2021**, 39, 8-11	15.1	25
54	Bisphenol S-doped g-C3N4 nanosheets modified by boron nitride quantum dots as efficient visible-light-driven photocatalysts for degradation of sulfamethazine. *Chemical Engineering Journal*, **2021**, 405, 126661	14.7	25

53	Construction of bifunctional 3-D ordered mesoporous catalyst for oxidative desulfurization. *Separation and Purification Technology*, **2021**, 264, 118434	8.3	22
52	Performance and biofilm characteristics of biotrickling filters for ethylbenzene removal in the presence of saponins. *Environmental Science and Pollution Research*, **2018**, 25, 30021-30030	5.1	22
51	Bioreactor consisting of pressurized aeration and dissolved air flotation for domestic wastewater treatment. *Separation and Purification Technology*, **2014**, 138, 186-190	8.3	21
50	Enhancing anaerobic digestion process with addition of conductive materials. *Chemosphere*, **2021**, 278, 130449	8.4	20
49	Biodegradation of 3,5-dimethyl-2,4-dichlorophenol in saline wastewater by newly isolated Penicillium sp. yz11-22N2. *Journal of Environmental Sciences*, **2017**, 57, 211-220	6.4	19
48	Preparation, Performances, and Mechanisms of Microbial Flocculants for Wastewater Treatment. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	19
47	Innovative cleaner production for steel phosphorization using Zn-Mn phosphating solution. *Journal of Cleaner Production*, **2010**, 18, 1040-1044	10.3	19
46	Sequential vertical flow trickling filter and horizontal flow multi-soil-layering reactor for treatment of decentralized domestic wastewater with sodium dodecyl benzene sulfonate. *Bioresource Technology*, **2020**, 300, 122634	11	18
45	Tubular biofilter for toluene removal under various organic loading rates and gas empty bed residence times. *Bioresource Technology*, **2012**, 121, 199-204	11	17
44	Modeling variations of medium porosity in rotating drum biofilter. *Chemosphere*, **2009**, 74, 245-9	8.4	17
43	Effects of heteroaggregation with metal oxides and clays on tetracycline adsorption by graphene oxide. *Science of the Total Environment*, **2020**, 719, 137283	10.2	16
42	Efficient degradation of tetracycline by singlet oxygen-dominated peroxymonosulfate activation with magnetic nitrogen-doped porous carbon.. *Journal of Environmental Sciences*, **2022**, 115, 330-340	6.4	16
41	Enhanced nitrogen removal and microbial analysis in partially saturated constructed wetland for treating anaerobically digested swine wastewater. *Frontiers of Environmental Science and Engineering*, **2019**, 13, 1	5.8	15
40	Effects of humic acids on biotoxicity of tetracycline to microalgae Coelastrella sp.. *Algal Research*, **2020**, 50, 101962	5	15
39	Effect of presence of hydrophilic volatile organic compounds on removal of hydrophobic n-hexane in biotrickling filters. *Chemosphere*, **2020**, 252, 126490	8.4	15
38	Enhanced enzymatic hydrolysis of wheat straw by two-step pretreatment combining alkalization and adsorption. *Applied Microbiology and Biotechnology*, **2018**, 102, 9831-9842	5.7	15
37	Modeling biodegradation of toluene in rotating drum biofilter. *Water Science and Technology*, **2006**, 54, 137-44	2.2	14
36	Efficient removal of naphthalene-2-ol from aqueous solutions by solvent extraction. *Journal of Environmental Sciences*, **2016**, 47, 120-129	6.4	14

35	Removal of acenaphthene by biochar and raw biomass with coexisting heavy metal and phenanthrene. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 558, 103-109	5.1	13
34	Effects and mechanisms of phytoalexins on the removal of polycyclic aromatic hydrocarbons (PAHs) by an endophytic bacterium isolated from ryegrass. *Environmental Pollution*, **2019**, 253, 872-881	9.3	12
33	Photocatalytic performances of heterojunction catalysts of silver phosphate modified by PANI and Cr-doped SrTiO for organic pollutant removal from high salinity wastewater. *Journal of Colloid and Interface Science*, **2020**, 561, 379-395	9.3	12
32	Effects of fulvic acids and electrolytes on colloidal stability and photocatalysis of nano-TiO2 for atrazine removal. *International Journal of Environmental Science and Technology*, **2019**, 16, 7275-7284	3.3	12
31	Effects and mechanisms of anionic and nonionic surfactants on biochar removal of chromium. *Environmental Science and Pollution Research*, **2018**, 25, 18443-18450	5.1	11
30	Effects of long-term exposure to oxytetracycline on phytoremediation of swine wastewater via duckweed systems. *Journal of Hazardous Materials*, **2021**, 414, 125508	12.8	11
29	Inhibition of tetracycline on anaerobic digestion of swine wastewater. *Bioresource Technology*, **2021** , 334, 125253	11	11
28	Removal of acenaphthene from water by Triton X-100-facilitated biochar-immobilized .. *RSC Advances*, **2018**, 8, 23426-23432	3.7	10
27	Performance and biofilm characteristics of a gas biofilter for n-hexane removal at various operational conditions. *RSC Advances*, **2015**, 5, 48954-48960	3.7	10
26	Performance of Modified Electro-Fenton Process for Phenol Degradation Using Bipolar Graphite Electrodes and Activated Carbon. *Journal of Environmental Engineering, ASCE*, **2012**, 138, 613-619	2	10
25	Pierced cylindrical gas inlet device for sulfur dioxide removal from waste gas streams. *Separation and Purification Technology*, **2008**, 63, 86-91	8.3	10
24	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. *RSC Advances*, **2016**, 6, 93626-93639	3.7	9
23	Combined effect of ryegrass and Hyphomicrobium sp. GHH on the remediation of EE2-Cd co-contaminated soil. *Journal of Soils and Sediments*, **2020**, 20, 425-434	3.4	9
22	Treatment of Organic Wastewater Containing High Concentration of Sulfate by Crystallization-Fenton-SBR. *Journal of Environmental Engineering, ASCE*, **2018**, 144, 04018041	2	8
21	Interfacial Charge Transfer between Silver Phosphate and W2N3 Induced by Nitrogen Vacancies Enhances Removal of Lactam Antibiotics. *Advanced Functional Materials*, **2022**, 32, 2108814	15.6	8
20	Contamination of pyrethroids in agricultural soils from the Yangtze River Delta, China. *Science of the Total Environment*, **2020**, 731, 139181	10.2	7
19	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. *Bioresource Technology*, **2021**, 326, 124764	11	7
18	A two-dimensional water-quality model for a winding and topographically complicated river. *Journal of Environmental Management*, **2001**, 61, 113-21	7.9	6

17	Enhanced biodegradation of n-hexane by Pseudomonas sp. strain NEE2. *Scientific Reports*, **2019**, 9, 16615	4.9	6
16	Effects of Ca and fulvic acids on atrazine degradation by nano-TiO: Performances and mechanisms. *Scientific Reports*, **2019**, 9, 8880	4.9	5
15	Simulating accumulation of biofilms in biotrickling filter. *International Journal of Environment and Pollution*, **2009**, 38, 245	0.7	5
14	Numerical simulation for volatile organic compound removal in rotating drum biofilter. *Science Bulletin*, **2007**, 52, 2184-2189		5
13	Interaction of Lolium perenne and Hyphomicrobium sp. GHH enhances the removal of 17□ethinyestradiol (EE2) from soil. *Journal of Soils and Sediments*, **2019**, 19, 1297-1305	3.4	5
12	Surfactant-facilitated alginate-biochar beads embedded with PAH-degrading bacteria and their application in wastewater treatment. *Environmental Science and Pollution Research*, **2021**, 28, 4807-4814	5.1	5
11	The road to wild yak protection in China. *Science*, **2018**, 360, 866	33.3	5
10	Effects of 5-hydroxymethylfurfural on removal performance and microbial community structure of aerobic activated sludge treating digested swine wastewater. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106104	6.8	4
9	Sequestration of HCHs and DDTs in sediments in Dongting Lake of China with multiwalled carbon nanotubes: implication for in situ sequestration. *Environmental Science and Pollution Research*, **2017**, 24, 7726-7739	5.1	3
8	Performance and Biomass Characteristics of SBs Treating High-Salinity Wastewater at Presence of Anionic Surfactants. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	2
7	Inhibition and disinhibition of 5-hydroxymethylfurfural in anaerobic fermentation: A review. *Chemical Engineering Journal*, **2021**, 424, 130560	14.7	2
6	Peroxymonosulfate activation via CoP nanoparticles confined in nitrogen-doped porous carbon for enhanced degradation of sulfamethoxazole in wastewater with high salinity. *Journal of Environmental Chemical Engineering*, **2022**, 107734	6.8	2
5	Transcriptome Profiles of Leaves and Roots of Goldenrain Tree (Laxm.) in Response to Cadmium Stress. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
4	Effects of oxytetracycline and zinc ion on nutrient removal and biomass production via microalgal culturing in anaerobic digester effluent.. *Bioresource Technology*, **2022**, 346, 126667	11	0
3	Performance promotion and its mechanism for n-hexane removal in a lab-scale biotrickling filter with reticular polyurethane sponge under intermittent spraying mode. *Chemical Engineering Research and Design*, **2021**, 152, 654-662	5.5	0
2	Conservation accord: Let countries govern. *Science*, **2018**, 360, 1195	33.3	
1	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. *IOP Conference Series: Earth and Environmental Science*, **2020**, 526, 012023	0.3	