

# Yao Cheng

## List of Publications by Year in descending order

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29  
papers

985  
citations

471509

17  
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501196

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docs citations

29  
times ranked

1190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial community structures and functions of wastewater treatment systems in plateau and cold regions. <i>Bioresource Technology</i> , 2018, 249, 684-693.	9.6	178
2	Treatment of pharmaceutical wastewater using interior micro-electrolysis/Fenton oxidation-coagulation and biological degradation. <i>Chemosphere</i> , 2016, 152, 23-30.	8.2	88
3	Evaluation of porous calcium silicate hydrate derived from carbide slag for removing phosphate from wastewater. <i>Chemical Engineering Journal</i> , 2018, 354, 1-11.	12.7	66
4	Prediction of the effect of fine grit on the MLVSS/MLSS ratio of activated sludge. <i>Bioresource Technology</i> , 2015, 190, 51-56.	9.6	65
5	Synthesis of homogeneous protein-stabilized rutin nanodispersions by reversible assembly of soybean ( <i>Glycine max</i> ) seed ferritin. <i>RSC Advances</i> , 2015, 5, 31533-31540.	3.6	60
6	Highly efficient adsorption of three antibiotics from aqueous solutions using glucose-based mesoporous carbon. <i>Applied Surface Science</i> , 2020, 528, 147048.	6.1	50
7	Biodegradation potential of polycyclic aromatic hydrocarbons by immobilized <i>Klebsiella</i> sp. in soil washing effluent. <i>Chemosphere</i> , 2019, 223, 140-147.	8.2	47
8	Degradation of phenanthrene and fluoranthene in a slurry bioreactor using free and Ca-alginate-immobilized <i>Sphingomonas pseudosanguinis</i> and <i>Pseudomonas stutzeri</i> bacteria. <i>Journal of Environmental Management</i> , 2019, 249, 109388.	7.8	42
9	Denitrification performance and microbial diversity using starch-polycaprolactone blends as external solid carbon source and biofilm carriers for advanced treatment. <i>Chemosphere</i> , 2020, 255, 126901.	8.2	42
10	Removal of phosphate from wastewater by modified bentonite entrapped in Ca-alginate beads. <i>Journal of Environmental Management</i> , 2020, 260, 110130.	7.8	42
11	Nitrogen removal and microbial diversity of activated sludge entrapped in modified poly(vinyl Tj ETQq1 1 0.784314 3.9 BT /Overlock 10 T	3.9	39
12	Developing the new kinetics model based on the adsorption process: From fitting to comparison and prediction. <i>Science of the Total Environment</i> , 2020, 725, 138490.	8.0	33
13	LFG-500 Inhibits the Invasion of Cancer Cells via Down-Regulation of PI3K/AKT/NF- $\kappa$ B Signaling Pathway. <i>PLoS ONE</i> , 2014, 9, e91332.	2.5	27
14	Biodegradation potential of polycyclic aromatic hydrocarbons by bacteria strains enriched from Yangtze River sediments. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 513-520.	2.2	27
15	Treatment of high-strength ammonium wastewater by polyvinyl alcohol-sodium alginate immobilization of activated sludge. <i>Process Biochemistry</i> , 2017, 63, 214-220.	3.7	27
16	Removal of Ammonium from Swine Wastewater Using Synthesized Zeolite from Fly Ash. <i>Sustainability</i> , 2020, 12, 3423.	3.2	27
17	Optimization of nitrate removal from wastewater with a low C/N ratio using solid-phase denitrification. <i>Environmental Science and Pollution Research</i> , 2016, 23, 698-708.	5.3	17
18	Optimization of hydrothermal synthesis of hydroxyapatite from chicken eggshell waste for effective adsorption of aqueous Pb(II). <i>Environmental Science and Pollution Research</i> , 2021, 28, 58189-58205.	5.3	17

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19	PAHs biodegradation in soil washing effluent by native mixed bacteria embedded in polyvinyl alcohol-sodium alginate-nano alumina gel beads. <i>Journal of Environmental Management</i> , 2021, 297, 113415.	7.8	16
20	Extraction techniques using isopropanol and Tenax to characterize polycyclic aromatic hydrocarbons bioavailability in sediment. <i>Science of the Total Environment</i> , 2017, 579, 238-244.	8.0	14
21	Removal of diclofenac and oxytetracycline from synthetic urine by furfuryl alcohol-derived mesoporous carbon. <i>Chemosphere</i> , 2022, 288, 132317.	8.2	14
22	Effect of Tenax addition amount and desorption time on desorption behaviour for bioavailability prediction of polycyclic aromatic hydrocarbons. <i>Science of the Total Environment</i> , 2019, 651, 427-434.	8.0	12
23	FoxG1 Directly Represses Dentate Granule Cell Fate During Forebrain Development. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 452.	3.7	8
24	Effect of Source-Classified Collection of Municipal Solid Waste on Heavy Metals and Pozzolanic Properties of Incineration Residues. <i>International Journal of Environmental Research</i> , 2018, 12, 661-670.	2.3	8
25	Effect of magnetite on the catalytic oxidation of polycyclic aromatic hydrocarbons in fly ash from MSW incineration: A comparative study of one-step and two-step hydrothermal processes. <i>Journal of Environmental Management</i> , 2022, 303, 114238.	7.8	8
26	Analysis on the effect of large-scale compound ecological engineering system on pollution control of the estuary of a lake. <i>Journal of Water Reuse and Desalination</i> , 2021, 11, 649-659.	2.3	5
27	Clustering gully profiles for investigating the spatial variation in landform formation on the Chinese Loess Plateau. <i>Journal of Mountain Science</i> , 2021, 18, 2742-2760.	2.0	4
28	Comparative study on turbulence models simulating inorganic particle removal in a Pista grit chamber. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 3181-3192.	2.2	2
29	Effects of mixing speed of a composite on its friction coefficient and wear resistance. <i>International Journal of Materials Research</i> , 2017, 108, 155-158.	0.3	0