

# Chao Song

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,140  
citations

471509

17  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sonocatalytic degradation of ciprofloxacin using hydrogel beads of TiO <sub>2</sub> incorporated biochar and chitosan. <i>Journal of Hazardous Materials</i> , 2022, 434, 128879.	12.4	34
2	Effects of natural organic matter on the photolysis of tetracycline in aquatic environment: Kinetics and mechanism. <i>Chemosphere</i> , 2021, 263, 128338.	8.2	31
3	AOPs enhance the migration of polystyrene nanoparticles in saturated quartz sand. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 1509-1515.	3.5	4
4	Establishment of a resource recycling strategy by optimizing isobutanol production in engineered cyanobacteria using high salinity stress. <i>Biotechnology for Biofuels</i> , 2021, 14, 174.	6.2	13
5	Selenium Nanoparticles as an Innovative Selenium Fertilizer Exert Less Disturbance to Soil Microorganisms. <i>Frontiers in Microbiology</i> , 2021, 12, 746046.	3.5	14
6	Selenium nanoparticles ameliorate Brassica napus L. cadmium toxicity by inhibiting the respiratory burst and scavenging reactive oxygen species. <i>Journal of Hazardous Materials</i> , 2021, 417, 125900.	12.4	70
7	Warrior's armor: Study on the aging of sulfidated micro-sized zero valent iron in air and its subsequent reactivity for chloramphenicol degradation in different acid systems. <i>Chemosphere</i> , 2021, 285, 131422.	8.2	4
8	Nano zero-valent iron harms methanogenic archaea by interfering with energy conservation and methanogenesis. <i>Environmental Science: Nano</i> , 2021, 8, 3643-3654.	4.3	8
9	Photolysis mechanisms of tetracycline under UV irradiation in simulated aquatic environment surrounding limestone. <i>Chemosphere</i> , 2020, 244, 125582.	8.2	39
10	Biochar-induced migration of tetracycline and the alteration of microbial community in agricultural soils. <i>Science of the Total Environment</i> , 2020, 706, 136086.	8.0	11
11	Exogenous phosphorus-solubilizing bacteria changed the rhizosphere microbial community indirectly. <i>3 Biotech</i> , 2020, 10, 164.	2.2	35
12	Enhanced removal of ciprofloxacin using humic acid modified hydrogel beads. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 76-83.	9.4	56
13	Membrane biofouling retardation by zwitterionic peptide and its impact on the bacterial adhesion. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16674-16681.	5.3	7
14	Enrichment and degradation of tetracycline using three-dimensional graphene/MnO <sub>2</sub> composites. <i>Chemical Engineering Journal</i> , 2019, 358, 1139-1146.	12.7	66
15	Mitigation of membrane biofouling by d-amino acids: Effect of bacterial cell-wall property and d-amino acid type. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 20-26.	5.0	17
16	Influences of graphene oxide on biofilm formation of gram-negative and gram-positive bacteria. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2853-2860.	5.3	45
17	Enhancement of ciprofloxacin sorption on chitosan/biochar hydrogel beads. <i>Science of the Total Environment</i> , 2018, 639, 560-569.	8.0	245
18	Theoretical and experimental study on the degradation mechanism of atrazine in Fenton oxidation treatment. <i>RSC Advances</i> , 2017, 7, 1581-1587.	3.6	11

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19	Fate of tetracycline at high concentrations in enriched mixed culture system: biodegradation and behavior. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1562-1568.	3.2	24
20	Extracellular polymeric substances protect <i>Escherichia coli</i> from organic solvents. <i>RSC Advances</i> , 2016, 6, 59438-59444.	3.6	18
21	Ecological insights into low-level antibiotics interfered biofilms of <i>Synechococcus elongatus</i> . <i>RSC Advances</i> , 2016, 6, 78132-78135.	3.6	9
22	Enhanced conversion and stability of biosynthetic selenium nanoparticles using fetal bovine serum. <i>RSC Advances</i> , 2016, 6, 103948-103954.	3.6	15
23	Adsorption of Cd(II) from aqueous solution by biogenic selenium nanoparticles. <i>RSC Advances</i> , 2016, 6, 15201-15209.	3.6	26
24	Graphene oxide-silver nanoparticle membrane for biofouling control and water purification. <i>Chemical Engineering Journal</i> , 2015, 281, 53-59.	12.7	192
25	Investigation of fate and behavior of tetracycline in nitrifying sludge system. <i>RSC Advances</i> , 2015, 5, 87333-87340.	3.6	25
26	Perchlorate reduction in microbial electrolysis cell with polyaniline modified cathode. <i>Bioresource Technology</i> , 2015, 177, 74-79.	9.6	24
27	Influences of d-tyrosine on the stability of activated sludge flocs. <i>Bioresource Technology</i> , 2014, 154, 26-31.	9.6	13
28	Characterization of the interactions between tetracycline antibiotics and microbial extracellular polymeric substances with spectroscopic approaches. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1786-1795.	5.3	83