

Chuanqi Zhao

List of Publications by Year in descending order

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17
papers

1,154
citations

623188

14
h-index

887659

17
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all docs

17
docs citations

17
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of graphene oxide concentration on the morphologies and antifouling properties of PVDF ultrafiltration membranes. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 349-354.	3.3	279
2	Highly effective antifouling performance of PVDF/graphene oxide composite membrane in membrane bioreactor (MBR) system. <i>Desalination</i> , 2014, 340, 59-66.	4.0	176
3	Improvement of antifouling performances for modified PVDF ultrafiltration membrane with hydrophilic cellulose nanocrystal. <i>Applied Surface Science</i> , 2018, 440, 1091-1100.	3.1	144
4	Highly antifouling and antibacterial performance of poly (vinylidene fluoride) ultrafiltration membranes blending with copper oxide and graphene oxide nanofillers for effective wastewater treatment. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 341-351.	5.0	84
5	Optimization of preparation conditions of poly(vinylidene fluoride)/graphene oxide microfiltration membranes by the Taguchi experimental design. <i>Desalination</i> , 2014, 334, 17-22.	4.0	83
6	TiO ₂ and polyvinyl alcohol (PVA) coated polyester filter in bioreactor for wastewater treatment. <i>Water Research</i> , 2012, 46, 1969-1978.	5.3	74
7	Hydraulic power and electric field combined antifouling effect of a novel conductive poly(aminoanthraquinone)/reduced graphene oxide nanohybrid blended PVDF ultrafiltration membrane. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20277-20287.	5.2	68
8	Adsorption performance and mechanism of magnetic reduced graphene oxide in glyphosate contaminated water. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21036-21048.	2.7	48
9	Highly enhanced adsorption performance of tetracycline antibiotics on KOH-activated biochar derived from reed plants. <i>RSC Advances</i> , 2020, 10, 5066-5076.	1.7	47
10	Mechanism of adsorption of tetracycline and Cu multi-pollutants by graphene oxide (GO) and reduced graphene oxide (rGO). <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1176-1186.	1.6	29
11	Potential coupling effects of ammonia-oxidizing and anaerobic ammonium-oxidizing bacteria on completely autotrophic nitrogen removal over nitrite biofilm formation induced by the second messenger cyclic diguanylate. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3821-3828.	1.7	25
12	Rapidly self-assembled polydopamine coating membranes with polyhexamethylene guanidine: Formation, characterization and antifouling evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 512, 41-50.	2.3	24
13	A new helical membrane module for increasing permeate flux. <i>Journal of Membrane Science</i> , 2010, 360, 142-148.	4.1	19
14	Combination of complex adsorption and anammox for nitric oxide removal. <i>Journal of Hazardous Materials</i> , 2016, 312, 175-183.	6.5	16
15	Long-term operation of oxygen-limiting membrane bioreactor (MBR) for the development of simultaneous partial nitrification, anammox and denitrification (SNAD) process. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2193-2202.	1.2	13
16	Influence of graphene oxide nanosheets on the cotransport of Cu-tetracycline multi-pollutants in saturated porous media. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10846-10856.	2.7	13
17	Degradation mechanism of tris(2-chloroethyl) phosphate (TCEP) as an emerging contaminant in advanced oxidation processes: A DFT modelling approach. <i>Chemosphere</i> , 2021, 273, 129674.	4.2	12