

Ran Shang

List of Publications by Year in descending order

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11
papers

713
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	The adsorption mechanisms of organic micropollutants on high-silica zeolites causing S-shaped adsorption isotherms: An experimental and Monte Carlo simulation study. <i>Chemical Engineering Journal</i> , 2020, 389, 123968.	12.7	49
2	Rapid removal of diclofenac in aqueous solution by soluble Mn(III) (aq) generated in a novel Electro-activated carbon fiber-permanganate (E-ACF-PM) process. <i>Water Research</i> , 2019, 165, 114975.	11.3	45
3	High-silica zeolites for adsorption of organic micro-pollutants in water treatment: A review. <i>Water Research</i> , 2018, 144, 145-161.	11.3	347
4	Application of a novel advanced oxidation process using sulfite and zero-valent iron in treatment of organic pollutants. <i>Chemical Engineering Journal</i> , 2017, 314, 240-248.	12.7	125
5	Integrating powdered activated carbon into wastewater tertiary filter for micro-pollutant removal. <i>Journal of Environmental Management</i> , 2016, 177, 45-52.	7.8	16
6	A triple system of Fe(III)/sulfite/persulfate: Decolorization and mineralization of reactive Brilliant Red X-3B in aqueous solution at near-neutral pH values. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 162-168.	5.3	45
7	Pharmaceutical adsorption from the primary and secondary effluents of a wastewater treatment plant by powdered activated carbon. <i>Desalination and Water Treatment</i> , 2016, 57, 21304-21313.	1.0	6
8	Influence of activated carbon preloading by EfOM fractions from treated wastewater on adsorption of pharmaceutically active compounds. <i>Chemosphere</i> , 2016, 150, 49-56.	8.2	19
9	Reuse of spent granular activated carbon for organic micro-pollutant removal from treated wastewater. <i>Journal of Environmental Management</i> , 2015, 160, 98-104.	7.8	12
10	Tight ceramic UF membrane as RO pre-treatment: The role of electrostatic interactions on phosphate rejection. <i>Water Research</i> , 2014, 48, 498-507.	11.3	48
11	Evaluation of PAC Effect in Integrated PAC/UF System for Surface Water Treatment. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1