Yan-Fang Guan

List of Publications by Year
in descending order

11	384	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interaction between humic acid and protein in membrane fouling process: A spectroscopic insight. Water Research, 2018, 145, 146-152.	11.3	74
2	Membrane fouling characteristics and mitigation in a coagulation-assisted microfiltration process for municipal wastewater pretreatment. Water Research, 2017, 123, 216-223.	11.3	70
3	Enhancing electricity generation of microbial fuel cell for wastewater treatment using nitrogen-doped carbon dots-supported carbon paper anode. Journal of Cleaner Production, 2019, 229, 412-419.	9.3	67
4	Surface functionalization of reverse osmosis membranes with sulfonic groups for simultaneous mitigation of silica scaling and organic fouling. Water Research, 2020, 185, 116203.	11.3	50
5	Quantification of Humic Substances in Natural Water Using Nitrogen-Doped Carbon Dots. Environmental Science & Technology, 2017, 51, 14092-14099.	10.0	35
6	Silica Removal Using Magnetic Ironâ€“Aluminum Hybrid Nanomaterials: Measurements, Adsorption Mechanisms, and Implications for Silica Scaling in Reverse Osmosis. Environmental Science & Technology, 2019, 53, 13302-13311.	10.0	22
7	Determination of the response characteristics of anaerobic ammonium oxidation bioreactor disturbed by temperature change with the spectral fingerprint. Science of the Total Environment, 2020, 719, 137513.	8.0	20
8	Improved PVDF membrane performance by doping extracellular polymeric substances of activated sludge. Water Research, 2017, 113, 89-96.	11.3	18
9	Joule-Heated Layered Double Hydroxide Sponge for Rapid Removal of Silica from Water. Environmental Science & Technology, 2021, 55, 16130-16142.	10.0	12
10	Modification of forward osmosis membrane with naturally-available humic acid: Towards simultaneously improved filtration performance and antifouling properties. Environment International, 2019, 131, 105045.	10.0	9
11	Adopting vibration to alleviate the solute buildup and membrane fouling in a forward osmosis system. Journal of Cleaner Production, 2021, 323, 129202.	9.3	7