

Yan-Fang Guan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

384
citations

1040056

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1281871

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all docs

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docs citations

11
times ranked

565
citing authors

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