

Imtiaz Afzal Khan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	A comparison of variations in blocking mechanisms of membrane-fouling models for estimating flux during water treatment. <i>Chemosphere</i> , 2020, 259, 127328.	8.2	41
2	Metal oxide and carbon nanomaterial based membranes for reverse osmosis and membrane distillation: A comparative review. <i>Environmental Research</i> , 2021, 202, 111716.	7.5	29
3	Optimization of membrane modification using SiO ₂ for robust anti-fouling performance with calcium-humic acid feed in membrane distillation. <i>Environmental Research</i> , 2019, 170, 374-382.	7.5	25
4	Identification of scaling during clean-in-place (CIP) in membrane water treatment process. <i>Chemosphere</i> , 2019, 237, 124398.	8.2	19
5	Optimization of preoxidation to reduce scaling during cleaning-in-place of membrane treatment. <i>Journal of Hazardous Materials</i> , 2020, 400, 123212.	12.4	17
6	Degradation analysis of polymeric pipe materials used for water supply systems under various disinfectant conditions. <i>Chemosphere</i> , 2022, 291, 132669.	8.2	13
7	Sensitivity of physical membrane damage detection on low pressure membranes of commercialized specification. <i>Desalination</i> , 2022, 527, 115568.	8.2	10
8	Evaluation of structural/performance variation between $\hat{\pm}$ -Al ₂ O ₃ and polyvinylidene fluoride membranes under long-term clean-in-place treatment used for water treatment. <i>Desalination</i> , 2022, 538, 115921.	8.2	9
9	Efficacy of Continuous Flow Reactors for Biological Treatment of 1,4-Dioxane Contaminated Textile Wastewater Using a Mixed Culture. <i>Fermentation</i> , 2022, 8, 143.	3.0	7
10	Use of ballasted flocculation (BF) sludge for the manufacturing of lightweight aggregates. <i>Journal of Environmental Management</i> , 2022, 305, 114379.	7.8	6
11	Gravimetric analysis of stability of polymeric materials during exposure to chemical disinfectants at different temperatures. <i>Chemosphere</i> , 2022, 302, 134813.	8.2	2