

Sathish Kumar Ramachandran

List of Publications by Year in descending order

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11
papers

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1307594

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227
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton exchange composite membranes comprising SiO_2 , sulfonated SiO_2 , and metal-organic frameworks loaded in SPEEK polymer for fuel cell applications. Journal of Applied Polymer Science, 2021, 138, 50530.	2.6	33
2	Nano-curcumin incorporated polyethersulfone membranes for enhanced anti-biofouling in treatment of sewage plant effluent. Materials Science and Engineering C, 2019, 94, 258-269.	7.3	29
3	Titanium dioxide doped hydroxyapatite incorporated photocatalytic membranes for the degradation of chloramphenicol antibiotic in water. Journal of Chemical Technology and Biotechnology, 2021, 96, 1057-1066.	3.2	29
4	Effective removal of humic acid using xanthan gum incorporated polyethersulfone membranes. Ecotoxicology and Environmental Safety, 2015, 121, 223-228.	6.0	27
5	Enhancement of permeability and antibiofouling properties of polyethersulfone (PES) membrane through incorporation of quorum sensing inhibition (QSI) compound. Journal of the Taiwan Institute of Chemical Engineers, 2017, 72, 200-212.	5.3	20
6	Modification methods of polyethersulfone membranes for minimizing fouling - Review. Membrane Water Treatment, 2015, 6, 323-337.	0.5	20
7	Binary metal oxides incorporated polyethersulfone ultrafiltration mixed matrix membranes for the pretreatment of seawater desalination. Journal of Applied Polymer Science, 2021, 138, 49883.	2.6	9
8	Reduction of chemical oxygen demand and color from the rice mill wastewater by chitosan/2(5H)-furanone-incorporated ultrafiltration membrane system. Separation Science and Technology, 2019, 54, 409-425.	2.5	7
9	Recent Breakthrough of Bismuth-Based Nanostructured Materials for Multimodal Theranostic Applications. Journal of Nanomaterials, 2022, 2022, 1-7.	2.7	7
10	Nuclear Magnetic Resonance (NMR) Spectroscopy. , 2013, , .		4
11	Enhanced performance of Mindel membranes by incorporating conductive polymer and inorganic modifier for application in direct methanol fuel cells. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2473.	1.5	2