

SUBRAHMANYA T.M.

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

399
citations

1162367

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h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Quantum Dots for Energy Applications: A Review. ACS Applied Nano Materials, 2021, 4, 6515-6541.	2.4	145
2	A review of recent progress in polymeric electrospun nanofiber membranes in addressing safe water global issues. RSC Advances, 2021, 11, 9638-9663.	1.7	84
3	An eco-friendly and reusable syringe filter membrane for the efficient removal of dyes from water via low pressure filtration assisted self-assembling of graphene oxide and SBA-15/PDA. Journal of Cleaner Production, 2022, 349, 131425.	4.6	38
4	A review on the recent advancements in graphene-based membranes and their applications as stimuli-responsive separation materials. Journal of Materials Chemistry A, 2021, 9, 21510-21531.	5.2	36
5	High performance self-heated membrane distillation system for energy efficient desalination process. Journal of Materials Chemistry A, 2021, 9, 7868-7880.	5.2	36
6	Tailoring of graphene-organic frameworks membrane to enable reversed electrical-switchable permselectivity in CO ₂ separation. Carbon, 2021, 182, 545-558.	5.4	17
7	Facile coconut inflorescence sap mediated synthesis of silver nanoparticles and its diverse antimicrobial and cytotoxic properties. Materials Science and Engineering C, 2020, 111, 110834.	3.8	16
8	Synthesis of poly(4,4'-biphenylene sulfonyl succinamide)-polysulfone blend membranes for removal of toxic metal ions from water. Journal of Applied Polymer Science, 2019, 136, 48254.	1.3	12
9	Bioinspired ionic liquid-graphene based smart membranes with electrical tunable channels for gas separation. Applied Materials Today, 2022, 27, 101441.	2.3	8
10	Electrospun nanofibers: role of nanofibers in water remediation and effect of experimental variables on their nano topography and application processes. Environmental Science: Water Research and Technology, 2021, 7, 2166-2205.	1.2	6