

Aafaq ur rehman

List of Publications by Year in descending order

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11
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275
citing authors

#	ARTICLE	IF	CITATIONS
1	Xanthan gum-derived materials for applications in environment and eco-friendly materials: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104702.	6.7	114
2	One-pot hydrothermal preparation of hierarchical manganese oxide nanorods for high-performance symmetric supercapacitors. <i>Journal of Energy Chemistry</i> , 2022, 65, 116-126.	12.9	101
3	Al-doped Co ₉ S ₈ encapsulated by nitrogen-doped graphene for solid-state asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2022, 428, 132470.	12.7	74
4	Selective antimicrobial and antibiofilm activity of metal-organic framework NH ₂ -MIL-125 against <i>Staphylococcus aureus</i> . <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 269, 115146.	3.5	26
5	A new seeding method, dry rolling applied to synthesize SAPO-34 zeolite membrane for nitrogen/methane separation. <i>Journal of Membrane Science</i> , 2020, 602, 117825.	8.2	23
6	Effect of process parameters influencing the chemical modification of activated carbon fiber for carbon dioxide removal. <i>Chemical Engineering Research and Design</i> , 2018, 118, 384-396.	5.6	12
7	Polarity-dependent particle size of zeolitic imidazolate framework synthesized in various solvents. <i>Materials Chemistry and Physics</i> , 2021, 259, 124021.	4.0	9
8	Two-Dimensional MFI Zeolite Nanosheets Exfoliated by Surfactant Assisted Solution Process. <i>Nanomaterials</i> , 2021, 11, 2327.	4.1	9
9	Prevention in Thermal Crack Formation in Chabazite (CHA) Zeolite Membrane by Developing Thin Top Zeolite and Thick Intermediate Layers. <i>Nanomaterials</i> , 2021, 11, 2113.	4.1	8
10	Synthesis of SAPO-34 Nanoplates with High Si/Al Ratio and Improved Acid Site Density. <i>Nanomaterials</i> , 2021, 11, 3198.	4.1	4
11	Valorization of CO ₂ in flue gas through alkalinity production: Parametric optimization for application in anaerobic digesters. <i>Environmental Technology and Innovation</i> , 2020, 17, 100522.	6.1	3