

Rahul Suresh

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

132
citations

1478280

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1372474

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all docs

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docs citations

11
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131
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetite Nanoparticle Decorated Reduced Graphene Oxide Composite as an Efficient and Recoverable Adsorbent for the Removal of Cesium and Strontium Ions. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1225-1232.	1.8	42
2	Adsorptive removal of noxious atrazine using graphene oxide nanosheets: Insights to process optimization, equilibrium, kinetics, and density functional theory calculations. <i>Environmental Research</i> , 2021, 200, 111428.	3.7	35
3	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication. <i>Microbial Pathogenesis</i> , 2021, 159, 105133.	1.3	16
4	Adsorption of volatile organic compounds on pristine and defected nanographene. <i>Computational and Theoretical Chemistry</i> , 2022, 1211, 113664.	1.1	9
5	Adsorption of greenhouse gases on the surface of covalent organic framework of porphyrin " An ab initio study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 126, 114448.	1.3	8
6	Quantum Chemical Support on the Two-Dimensional Assembly of Porphyrin Rings in the Application of Energy-Storage Devices. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9712-9723.	1.5	7
7	Ab initio studies of adsorption of Haloarenes on Heme group. <i>Journal of Molecular Modeling</i> , 2020, 26, 6.	0.8	6
8	A first principle study of heme molecule as an active adsorbent for halogenated hydrocarbons. <i>Journal of Molecular Modeling</i> , 2021, 27, 209.	0.8	3
9	Amine terminated polyynes as candidates for molecular wire applications: A DFT study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 137, 115045.	1.3	3
10	Molecular dynamics simulation involved in expounding the activation of adrenoceptors by sympathetic nervous system signaling. <i>Structural Chemistry</i> , 2020, 31, 1869-1885.	1.0	2
11	Electronic and Optical Properties of C ₁₆ S ₈ and C ₁₆ S ₄ Se ₄ Molecules and Crystals. <i>New Journal of Chemistry</i> , 0, , .	1.4	1