

Rahul Suresh

List of Publications by Year in descending order

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11
papers

132
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

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. Industrial & Engineering Chemistry Research, 2018, 57, 1225-1232.	3.7	42
2	Adsorptive removal of noxious atrazine using graphene oxide nanosheets: Insights to process optimization, equilibrium, kinetics, and density functional theory calculations. Environmental Research, 2021, 200, 111428.	7.5	35
3	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication. Microbial Pathogenesis, 2021, 159, 105133.	2.9	16
4	Adsorption of volatile organic compounds on pristine and defected nanographene. Computational and Theoretical Chemistry, 2022, 1211, 113664.	2.5	9
5	Adsorption of greenhouse gases on the surface of covalent organic framework of porphyrin “An ab initio study. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 126, 114448.	2.7	8
6	Quantum Chemical Support on the Two-Dimensional Assembly of Porphyrin Rings in the Application of Energy-Storage Devices. Journal of Physical Chemistry C, 2020, 124, 9712-9723.	3.1	7
7	Ab initio studies of adsorption of Haloarenes on Heme group. Journal of Molecular Modeling, 2020, 26, 6.	1.8	6
8	A first principle study of heme molecule as an active adsorbent for halogenated hydrocarbons. Journal of Molecular Modeling, 2021, 27, 209.	1.8	3
9	Amine terminated polyynes as candidates for molecular wire applications: A DFT study. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 137, 115045.	2.7	3
10	Molecular dynamics simulation involved in expounding the activation of adrenoceptors by sympathetic nervous system signaling. Structural Chemistry, 2020, 31, 1869-1885.	2.0	2
11	Electronic and Optical Properties of C ₁₆ S ₈ and C ₁₆ S ₄ Se ₄ Molecules and Crystals. New Journal of Chemistry, 0, , .	2.8	1