

Maedeh Kamel

List of Publications by Year in descending order

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7
papers

197
citations

1478505

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1872680

6
g-index

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all docs

7
docs citations

7
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective adsorption and dissociation of NO, NO ₂ , and N ₂ O molecules on Si-doped haeckelite boron nitride nanotube: an investigation for sensitive molecular sensors and catalysts. <i>Journal of Molecular Modeling</i> , 2022, 28, 6.	1.8	9
2	Probing and comparison of graphene, boron nitride and boron carbide nanosheets for Flutamide adsorption: A DFT computational study. <i>Journal of Molecular Liquids</i> , 2021, 343, 117487.	4.9	7
3	Density functional theory study towards investigating the adsorption properties of the $\hat{\text{I}}^3\text{-Fe}_2\text{O}_3$ nanoparticles as a nanocarrier for delivery of Flutamide anticancer drug. <i>Adsorption</i> , 2020, 26, 925-939.	3.0	12
4	Understanding the role of hydrogen bonds in destruction of DNA by screening interactions of Flutamide anticancer drug with nucleotides bases: DFT perspective, MD simulation and free energy calculation. <i>Adsorption</i> , 2020, 26, 491-508.	3.0	0
5	Theoretical elucidation of the amino acid interaction with graphene and functionalized graphene nanosheets: insights from DFT calculation and MD simulation. <i>Amino Acids</i> , 2020, 52, 1465-1478.	2.7	22
6	Assessment of the adsorption mechanism of Flutamide anticancer drug on the functionalized single-walled carbon nanotube surface as a drug delivery vehicle: An alternative theoretical approach based on DFT and MD. <i>Applied Surface Science</i> , 2018, 434, 492-503.	6.1	87
7	Theoretical study of solvent and co-solvent effects on the interaction of Flutamide anticancer drug with Carbon nanotube as a drug delivery system. <i>Journal of Molecular Liquids</i> , 2017, 248, 490-500.	4.9	60