Maedeh Kamel

List of Publications by Year
in descending order

7 papers	197 citations	1478505 6 h-index	1872680 6 g-index
7 all docs	7 docs citations	7 times ranked	137 citing authors

#	Article	IF	Citations
1	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. Applied Surface Science, 2018, 434, 492-503.	6.1	87
2	Theoretical study of solvent and co-solvent effects on the interaction of Flutamide anticancer drug with Carbon nanotube as a drug delivery system. Journal of Molecular Liquids, 2017, 248, 490-500.	4.9	60
3	Theoretical elucidation of the amino acid interaction with graphene and functionalized graphene nanosheets: insights from DFT calculation and MD simulation. Amino Acids, 2020, 52, 1465-1478.	2.7	22
4	Density functional theory study towards investigating the adsorption properties of the Î³-Fe2O3 nanoparticles as a nanocarrier for delivery of Flutamide anticancer drug. Adsorption, 2020, 26, 925-939.	3.0	12
5	Selective adsorption and dissociation of NO, NO2, and N2O molecules on Si-doped haeckelite boron nitride nanotube: an investigation for sensitive molecular sensors and catalysts. Journal of Molecular Modeling, 2022, 28, 6.	1.8	9
6	Probing and comparison of graphene, boron nitride and boron carbide nanosheets for Flutamide adsorption: A DFT computational study. Journal of Molecular Liquids, 2021, 343, 117487.	4.9	7
7	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. Adsorption, 2020, 26, 491-508.	3.0	0