Farideh Badalkhani-Khamseh

List of Publications by Year
in descending order

10 papers	180 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	85 citing authors

#	Article	IF	Citations
1	Theoretical study on the Al-doped biphenylene nanosheets as NO sensors. Chemical Physics Letters, 2020, 754, 137712.	2.6	27
2	Influence of dendrimer surface chemistry and pH on the binding and release pattern of chalcone studied by molecular dynamics simulations. Journal of Molecular Recognition, 2019, 32, e2757.	2.1	26
3	Adsorption behavior of pristine, Al-, and Si-doped carbon nanotubes upon 5-fluorouracil. Chemical Physics Letters, 2020, 750, 137492.	2.6	26
4	Complexation of nicotinic acid with first generation poly(amidoamine) dendrimers: A microscopic view from density functional theory. Chemical Physics Letters, 2017, 684, 103-112.	2.6	23
5	Atomistic computer simulations on multi-loaded PAMAM dendrimers: a comparison of amine- and hydroxyl-terminated dendrimers. Journal of Computer-Aided Molecular Design, 2017, 31, 1097-1111.	2.9	22
6	PAMAM and polyester dendrimers as favipiravir nanocarriers: a comparative study using DFT method. Journal of Nanoparticle Research, 2021, 23, 231.	1.9	19
7	Exploration of phosphorene as doxorubicin nanocarrier: An atomistic view from DFT calculations and MD simulations. Colloids and Surfaces B: Biointerfaces, 2022, 215, 112513.	5.0	13
8	Heteroatom-containing phosphoramides as carbon steel corrosion inhibitors: Density functional theory and molecular dynamics simulations. Chemical Physics Impact, 2022, 5, 100099.	3.5	12
9	Evaluation of BLG ability for binding to 5-FU and Irinotecan simultaneously under acidic condition: A spectroscopic, molecular docking and molecular dynamic simulation study. Journal of Molecular Liquids, 2021, 344, 117758.	4.9	10
10	Effect of methyl groups substitution on the strength of intramolecular hydrogen bonding of naphthazarin: DFT and NBO studies. Journal of the Iranian Chemical Society, 2013, 10, 685-694.	2.2	2