

Preeti Singla

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

366
citations

1307594

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1474206

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9
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518
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting adsorption behavior and anti-inflammatory activity of naproxen interacting with pure boron nitride and boron phosphide fullerene-like cages. <i>Journal of Molecular Liquids</i> , 2021, 339, 116678.	4.9	24
2	Morphologically Different Boron Nitride Nanomaterials as Efficient Antibiotic Carriers: Adsorption Isotherm and Kinetics Appraisal. <i>Analytical Chemistry Letters</i> , 2018, 8, 163-176.	1.0	6
3	Affinity of boron nitride nanomaterials towards antibiotics established by exhaustive experimental and theoretical investigations. <i>Chemical Engineering Journal</i> , 2016, 299, 403-414.	12.7	28
4	Theoretical study of adsorption of amino acids on graphene and BN sheet in gas and aqueous phase with empirical DFT dispersion correction. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5597-5604.	2.8	135
5	Boron nitride nanomaterials with different morphologies: Synthesis, characterization and efficient application in dye adsorption. <i>Ceramics International</i> , 2015, 41, 10565-10577.	4.8	77
6	Adsorption of oxazole and isoxazole on BNNT surface: A DFT study. <i>Applied Surface Science</i> , 2015, 328, 632-640.	6.1	38
7	A new strategy to tune the BNNT band gap upon adsorption of nitrobenzene and its p-substituted derivatives. <i>Structural Chemistry</i> , 2015, 26, 239-246.	2.0	7
8	Theoretical study on adsorption and dissociation of NO ₂ molecules on BNNT surface. <i>Applied Surface Science</i> , 2013, 283, 881-887.	6.1	45
9	Effect of Magnetic Field on the Growth of Aligned Carbon Nanotubes Using a Metal Free Arc Discharge Method and their Purification. <i>Solid State Phenomena</i> , 2013, 201, 197-209.	0.3	6