

Swati Panigrahi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12170239/publications.pdf>

Version: 2024-02-01

12
papers

469
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	Noncovalent Interaction of Carbon Nanostructures. <i>Accounts of Chemical Research</i> , 2014, 47, 2574-2581.	15.6	147
2	Interaction of Nucleobases with Wrinkled Graphene Surface: Dispersion Corrected DFT and AFM Studies. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4374-4379.	3.1	88
3	Structure, Stability, and Dynamics of Canonical and Noncanonical Base Pairs: Quantum Chemical Studies. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3786-3796.	2.6	50
4	Characterization of citrate capped gold nanoparticle-quercetin complex: Experimental and quantum chemical approach. <i>Journal of Molecular Structure</i> , 2013, 1046, 153-163.	3.6	48
5	Unzipping and binding of small interfering RNA with single walled carbon nanotube: A platform for small interfering RNA delivery. <i>Journal of Chemical Physics</i> , 2012, 136, 065106.	3.0	44
6	Structure and Energy of Non-Canonical Basepairs: Comparison of Various Computational Chemistry Methods with Crystallographic Ensembles. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011, 29, 541-556.	3.5	21
7	Wetting Property of the Edges of Monoatomic Step on Graphite: Frictional-Force Microscopy and ab Initio Quantum Chemical Studies. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14819-14826.	3.1	17
8	Unraveling siRNA unzipping kinetics with graphene. <i>Journal of Chemical Physics</i> , 2012, 137, 054903.	3.0	17
9	RNABP COGEST: a resource for investigating functional RNAs. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, .	3.0	15
10	Reducing polyaromatic hydrocarbons: the capability and capacity of lithium. <i>RSC Advances</i> , 2014, 4, 14557.	3.6	12
11	A comparison of four different conformations adopted by human telomeric G-quadruplex using computer simulations. <i>Biopolymers</i> , 2016, 105, 83-99.	2.4	9
12	Anomalous Lithium Adsorption Propensity of Monolayer Carbonaceous Materials: A Density Functional Study. <i>Journal of Chemical Sciences</i> , 2016, 128, 1641-1649.	1.5	1