

Deepthi Jose

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

992
citations

623574

14
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839398

18
g-index

18
all docs

18
docs citations

18
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures and Chemical Properties of Silicene: Unlike Graphene. <i>Accounts of Chemical Research</i> , 2014, 47, 593-602.	7.6	291
2	Understanding of the Buckling Distortions in Silicene. <i>Journal of Physical Chemistry C</i> , 2012, 116, 24639-24648.	1.5	188
3	Structures and electronic properties of silicene clusters: a promising material for FET and hydrogen storage. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7304.	1.3	125
4	Molecular Balances Based on Aliphatic CH ^{δ+} and Lone-Pair ^{δ-} Interactions. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1493-1496.	2.1	78
5	Role of Multicentered Bonding in Controlling Magnetic Interactions in π -Stacked Bis-dithiazolyl Radical. <i>Crystal Growth and Design</i> , 2011, 11, 3137-3140.	1.4	45
6	Electronic structure, lattice energies and Born exponents for alkali halides from first principles. <i>AIP Advances</i> , 2012, 2, .	0.6	42
7	Do Cation $\cdots\cdots$ Interactions Always Need to be 1:1?. <i>ChemPhysChem</i> , 2012, 13, 695-698.	1.0	37
8	Why Does Gold(III) Porphyrin Act as a Selective Catalyst in the Cycloisomerization of Allenones?. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2187-2195.	1.5	33
9	Tip enhanced Raman spectroscopy (TERS) as a probe for the buckling distortion in silicene. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 8700.	1.3	26
10	Structures and Electronic Properties of Heavier Congeners of Disk-Like Molecules: (Si, Ge) Sulflower and (Si, Ge) Olympicene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12115-12120.	1.5	25
11	Tunneling Governs Intramolecular Proton Transfer in Thiotropolone at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9389-9392.	7.2	23
12	Molecular Rotor Inside a Phosphonate Cavitand: Role of Supramolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1363-1366.	2.1	22
13	Metal encapsulation mediated planar to three dimensional structural transformation in Au-clusters: The venus flytrap effect. <i>Computational and Theoretical Chemistry</i> , 2011, 966, 133-136.	1.1	22
14	Tribocatalytic behaviour of a TiO ₂ atmospheric plasma spray (APS) coating in the presence of the friction modifier MoDTC: a parametric study. <i>RSC Advances</i> , 2018, 8, 15056-15068.	1.7	15
15	Investigating the interaction of a nitrobenzoxadiazole derivative with metal ions: Photophysical and theoretical (DFT) study. <i>Chemical Physics Letters</i> , 2012, 528, 11-15.	1.2	7
16	Tunnelling effects in chemistry. <i>Resonance</i> , 2014, 19, 160-174.	0.2	4
17	A Vision on Organosilicon Chemistry and Silicene. <i>Nanoscience and Technology</i> , 2018, , 1-21.	1.5	2