

# Deepthi Jose

## List of Publications by Year in descending order

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17  
papers

992  
citations

623574

14  
h-index

839398

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g-index

18  
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18  
docs citations

18  
times ranked

1265  
citing authors

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