

R S Swathi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,272
citations

687363

13
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling of Elementary Electronic Excitations: Drawing Parallels Between Excitons and Plasmons. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 919-932.	4.6	28
2	Interlocked benzenes in triangular π -architectures: anchoring groups dictate ion binding and transmission. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10264-10273.	2.8	5
3	Linear and Polygonal Assemblies of Plasmonic Nanoparticles: Incident Light Polarization Dictates Hot Spots. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18733-18740.	3.1	14
4	Cation- π Interactions and Rattling Motion through Two-Dimensional Carbon Networks: Graphene vs Graphynes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8912-8923.	3.1	34
5	Au nanorod quartets and Raman signal enhancement: towards the design of plasmonic platforms. <i>Nanoscale</i> , 2014, 6, 10454.	5.6	24
6	Stability of Nucleobases and Base Pairs Adsorbed on Graphyne and Graphdiyne. <i>Journal of Physical Chemistry C</i> , 2014, 118, 4516-4528.	3.1	58
7	Rattling Motion of Alkali Metal Ions through the Cavities of Model Compounds of Graphyne and Graphdiyne. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8632-8641.	2.5	46
8	Ag@SiO ₂ Core-Shell Nanostructures: Distance-Dependent Plasmon Coupling and SERS Investigation. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1459-1464.	4.6	176
9	Organization of Metal Nanoparticles for Surface-Enhanced Spectroscopy: A Difference in Size Matters. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21982-21991.	3.1	30
10	Excitation energy transfer from dye molecules to doped graphene#. <i>Journal of Chemical Sciences</i> , 2012, 124, 233-240.	1.5	11
11	Excitation energy transfer from a fluorophore to single-walled carbon nanotubes. <i>Journal of Chemical Physics</i> , 2010, 132, 104502.	3.0	20
12	Distance dependence of fluorescence resonance energy transfer. <i>Journal of Chemical Sciences</i> , 2009, 121, 777-787.	1.5	63
13	Long range resonance energy transfer from a dye molecule to graphene has (distance) ⁴ dependence. <i>Journal of Chemical Physics</i> , 2009, 130, 086101.	3.0	370
14	Resonance energy transfer from a dye molecule to graphene. <i>Journal of Chemical Physics</i> , 2008, 129, 054703.	3.0	362
15	Resonance energy transfer from a fluorescent dye molecule to plasmon and electron-hole excitations of a metal nanoparticle. <i>Journal of Chemical Physics</i> , 2007, 126, 234701.	3.0	31