

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