

Manoj Tripathy

List of Publications by Year in descending order

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18
papers

590
citations

1040056

9
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenanthroimidazole derivatives showing mild intramolecular charge transfer and high quantum yields and their applications in OLEDs. <i>New Journal of Chemistry</i> , 2021, 45, 16238-16247.	2.8	12
2	Reactivity Parameters and Substitution Effect in Organic Acids. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3770-3777.	2.5	5
3	Effect of nano-confinement on the structure and properties of water clusters: An ab initio study. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	8
4	Remarkably enhanced direct dissolution of plutonium oxide in task-specific ionic liquid: insights from electrochemical and theoretical investigations. <i>Chemical Communications</i> , 2019, 55, 1474-1477.	4.1	22
5	Nanoassembly of Dipolar Imidazoanthraquinone Derivatives Leading to Enhanced Hole Mobility. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25804-25812.	3.1	4
6	The exemplary role of nanoconfinement in the proton transfer from acids to ammonia. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19869-19872.	2.8	2
7	Enhanced Catalytic Activity of Ag/Rh Bimetallic Nanomaterial: Evidence of an Ensemble Effect. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5457-5467.	3.1	37
8	Theoretical investigations on Zundel cation present inside boron-nitride nanotubes: Effect of confinement and hydrogen bonding. <i>Chemical Physics</i> , 2015, 446, 127-133.	1.9	8
9	Evidence for charge-induced dipole reaction in laser ionized van der Waals clusters: a case of Fe ²⁺ -reacting with argon atoms inside a cluster. <i>RSC Advances</i> , 2014, 4, 2339-2345.	3.6	2
10	Protonated water under hydrophobic nanoconfinement: An ab initio study. , 2013, , .		0
11	DNA Base-Gold Nanocluster Complex as a Potential Catalyzing Agent: An Attractive Route for CO Oxidation Process. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17063-17069.	3.1	20
12	Water dissociation on a gold cluster: the effect of carbon nanostructures as a substrate. <i>RSC Advances</i> , 2012, 2, 10262.	3.6	12
13	Beyond the Gold-Hydrogen Analogy: Doping Gold Cluster with H-atom-O ₂ Activation and Reduction of the Reaction Barrier for CO Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 1476-1480.	4.6	42
14	Alkali-Metal-Induced Enhancement of Hydrogen Adsorption in C ₆₀ Fullerene: An ab Initio Study. <i>Nano Letters</i> , 2008, 8, 13-19.	9.1	335
15	THEORETICAL STUDIES ON POLARIZABILITY OF ALKALI METAL CLUSTERS. , 2006, , 625-655.		0
16	Ab initio studies on the polarizability of lithium clusters: Some unusual results. <i>International Journal of Quantum Chemistry</i> , 2005, 105, 166-173.	2.0	21
17	Static dipole polarizability and binding energy of sodium clusters Na _n (n=1-10): A critical assessment of all-electron based post Hartree-Fock and density functional methods. <i>Journal of Chemical Physics</i> , 2004, 120, 6487-6494.	3.0	58
18	Comparative Study of Exciton Dynamics in 9,9-Bianthracene Nanoaggregates and Thin Films: Observation of Singlet-Singlet Annihilation-Mediated Triplet Exciton Formation. <i>Journal of Physical Chemistry C</i> , 0, , .	3.1	2