

Turbasu Sengupta

List of Publications by Year in descending order

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papers

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1307594

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18
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148
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacial magnetism in a fused superatomic cluster [Co ₆ Se ₈ (PEt ₃) ₅] ₂ . <i>Nanoscale</i> , 2021, 13, 15763-15769.	5.6	6
2	One-Dimensional Silver-Thiolate Cluster-Assembly: Effect of Argentophilic Interactions on Excited-State Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2154-2159.	4.6	10
3	Developing Efficient Suzuki Cross-Coupling Catalysts by Doping Palladium Clusters with Silver. <i>ACS Catalysis</i> , 2021, 11, 11459-11468.	11.2	9
4	The superatomic state beyond conventional magic numbers: Ligated metal chalcogenide superatoms. <i>Journal of Chemical Physics</i> , 2021, 155, 120901.	3.0	9
5	A Magnetic Superatomic Dimer with an Intense Internal Electric Dipole Moment. <i>Journal of Physical Chemistry A</i> , 2021, 125, 816-824.	2.5	6
6	Massive dipoles across the metal-semiconductor cluster interface: towards chemically controlled rectification. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 18975-18982.	2.8	0
7	A ligand-induced homojunction between aluminum-based superatomic clusters. <i>Nanoscale</i> , 2020, 12, 12046-12056.	5.6	8
8	A mechanistic insight into rhodium-doped gold clusters as a better hydrogenation catalyst. <i>Nanoscale</i> , 2020, 12, 5125-5138.	5.6	6
9	Account of chemical bonding and enhanced reactivity of vanadium-doped rhodium clusters toward C-H activation: a DFT investigation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9935-9948.	2.8	8
10	Insight into the structure and bonding of copper(i) iodide clusters and a cluster-based coordination polymer. <i>New Journal of Chemistry</i> , 2019, 43, 16176-16187.	2.8	4
11	Specificity of Amino Acid-Aluminum Cluster Interaction and Subsequent Oxygen Activation by the above Complex. <i>Journal of Physical Chemistry C</i> , 2018, 122, 28310-28323.	3.1	13
12	Mechanistic Investigation of the Carbon-Iodine Bond Activation on the Niobium-Carbon Cluster. <i>ACS Omega</i> , 2017, 2, 5335-5347.	3.5	2
13	Radical attached aluminum nanoclusters: an alternative way of cluster stabilization. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21746-21759.	2.8	2
14	Transition Metal Doped Aluminum Clusters: An Account of Spin. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10027-10040.	3.1	11
15	Electron Detachment and Subsequent Structural Changes of Water Clusters. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1065-1073.	2.5	5
16	Oxidative addition of the C-I bond on aluminum nanoclusters. <i>Nanoscale</i> , 2015, 7, 12109-12125.	5.6	16
17	Electron transport properties of PA12-based cluster complexes. <i>Nanoscale Advances</i> , 0, , .	4.6	1
18	Superatomic Salts with Controlled Ionicity. <i>Materials Advances</i> , 0, , .	5.4	0