

Jian Zhang

List of Publications by Year in descending order

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17
papers

130
citations

1478505

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1281871

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docs citations

17
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination units of Mn ²⁺ modulation toward tunable emission in zero-dimensional bromides for white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2095-2102.	5.5	35
2	Theoretical Study on the Mechanism of the NCO + HCNO Reaction. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7211-7217.	2.5	19
3	Unraveling the Ultrafast Self-assembly and Photoluminescence in Zero-Dimensional Mn ²⁺ -Based Halides with Narrow-Band Green Emissions. <i>ACS Applied Electronic Materials</i> , 2021, 3, 4144-4150.	4.3	16
4	A Photoresponsive Charge-Assisted Hydrogen-Bonded Organic Network with Ultra-Stable Viologen Radicals. <i>Chinese Journal of Chemistry</i> , 2022, 40, 351-356.	4.9	14
5	A Photochromic Zinc-Viologen Framework with a High-Contrast Nonlinear Optical Switchable Behavior. <i>Crystal Growth and Design</i> , 2021, 21, 5752-5759.	3.0	9
6	Intramolecular hydrogen bonding, π - π stacking interactions, and substituent effects of 8-hydroxyquinoline derivative supermolecular structures: a theoretical study. <i>Journal of Molecular Modeling</i> , 2019, 25, 241.	1.8	7
7	Hydrogen bonding in the complexes formed by arsine and H-X molecules: A theoretical study. <i>Chemical Physics Letters</i> , 2019, 735, 136767.	2.6	6
8	Theoretical study on a chemosensor for fluoride anion-based on a urea derivative. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 138-144.	2.0	5
9	A quasi-D3-symmetrical metal chalcogenide cluster constructed by the corner-sharing of two T3 supertetrahedra. <i>Dalton Transactions</i> , 2020, 49, 13958-13961.	3.3	5
10	Properties of electronically excited states of four squaraine dyes and their complexes with fullerene C ₇₀ : A theoretical investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 82-88.	3.9	4
11	Tuning anion- π interaction via halogen substituent effects in cyanuric acids and its derivatives. <i>International Journal of Quantum Chemistry</i> , 2015, 115, 1147-1152.	2.0	3
12	DFT studies on structural properties and electron density topologies of the iron selenides Fe _m Se _n (1 ≤ m ≤ 8, 0 ≤ n ≤ 8). <i>Journal of Physical Chemistry A</i> , 2015, 119, 10000-10008.	0.6	2
13	The geometric and spectroscopic features of (CuSe) _n (n = 1-8) binary nanoclusters: a theoretical study. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	2
14	Density-functional investigation of gold cluster anions doped with gallium: Au _n Ga ⁻ (1 ≤ n ≤ 8). <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 1853-1862.	0.6	1
15	DFT/TDDFT investigation on the chemical reactivities, aromatic properties, and UV-Vis absorption spectra of 1-butoxy-4-methoxybenzene pillar[5]arene constitutional isomers. <i>Journal of Molecular Modeling</i> , 2016, 22, 209.	1.8	1
16	The effect of water-mediated catalysis on the intramolecular proton-transfer reactions of the isomers of 5-chlorouracil: a theoretical study. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 554-561.	0.5	1
17	Theoretical investigations of structures and properties of Au and S substituted poly(2,3-di-(4-hydroxyphenyl)-1,4-phenylene ethynyl) at different electric field intensities. <i>Journal of Theoretical and Computational Chemistry</i> , 2014, 13, 1450025.	1.8	0