Jian Zhang

List of Publications by Year
in descending order

17	130	1478505 6	1281871 11
papers	citations	h-index	g-index

17	17	17	97
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Photoâ€Responsive Chargeâ€Assisted Hydrogenâ€Bonded Organic Network with Ultraâ€Stable Viologen Radicals. Chinese Journal of Chemistry, 2022, 40, 351-356.	4.9	14
2	Coordination units of Mn²⁺ modulation toward tunable emission in zero-dimensional bromides for white light-emitting diodes. Journal of Materials Chemistry C, 2022, 10, 2095-2102.	5.5	35
3	Unraveling the Ultrafast Self-assembly and Photoluminescence in Zero-Dimensional Mn²⁺-Based Halides with Narrow-Band Green Emissions. ACS Applied Electronic Materials, 2021, 3, 4144-4150.	4.3	16
4	A Photochromic Zincâ€“Viologen Framework with a High-Contrast Nonlinear Optical Switchable Behavior. Crystal Growth and Design, 2021, 21, 5752-5759.	3.0	9
5	A quasi-D3-symmetrical metal chalcogenide cluster constructed by the corner-sharing of two T3 supertetrahedra. Dalton Transactions, 2020, 49, 13958-13961.	3.3	5
6	Intramolecular hydrogen bonding, Ï€-Ï€ stacking interactions, and substituent effects of 8-hydroxyquinoline derivative supermolecular structures: a theoretical study. Journal of Molecular Modeling, 2019, 25, 241.	1.8	7
7	Hydrogen bonding in the complexes formed by arsine and H-X molecules: A theoretical study. Chemical Physics Letters, 2019, 735, 136767.	2.6	6
8	The effect of water-mediated catalysis on the intramolecular proton-transfer reactions of the isomers of 5-chlorouracil: a theoretical study. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 554-561.	0.5	1
9	The geometric and spectroscopic features of (CuSe)nâ€‰=â€‰2â€“8 binary nanoclusters: a theoretical study. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	2
10	Properties of electronically excited states of four squaraine dyes and their complexes with fullerene C 70 : A theoretical investigation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 184, 82-88.	3.9	4
11	DFT/TDDFT investigation on the chemical reactivities, aromatic properties, and UVâ€“Vis absorption spectra of 1-butoxy-4-methoxybenzenepillar[5]arene constitutional isomers. Journal of Molecular Modeling, 2016, 22, 209.	1.8	1
12	DFT studies on structural properties and electron density topologies of the iron selenides Fe m Se n (1) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	2
13	Tuning anion-Ï€ interaction via halogen substituent effects in cyanuric acids and its derivatives. International Journal of Quantum Chemistry, 2015, 115, 1147-1152.	2.0	3
14	Density-functional investigation of gold cluster anions doped with gallium: Au n Gaâ€“ (1 â©½ n â©½ 8). Russian Journal of Physical Chemistry A, 2015, 89, 1853-1862.	0.6	1
15	Theoretical investigations of structures and properties of Au and S substituted poly (2,3-di-(4â€²-hydroxyphenyl)-1,4-phenylene ethynyl) at different electric field intensities. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450025.	1.8	0
16	Theoretical study on a chemosensor for fluoride anion-based on a urea derivative. International Journal of Quantum Chemistry, 2014, 114, 138-144.	2.0	5
17	Theoretical Study on the Mechanism of the NCO + HCNO Reaction. Journal of Physical Chemistry A, 2007, 111, 7211-7217.	2.5	19