Hongping Xiang

List of Publications by Year
in descending order

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14	244	1307594	1199594
papers	citations	7	12
		h-index	g-index

15	15	15	378
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding Quantum Plasmonic Enhancement in Nanorod Dimers from Time-Dependent Orbital-Free Density Functional Theory. Journal of Physical Chemistry C, 2022, 126, 5046-5054.	3.1	3
2	Exploration of the atomic-level structures of the icosahedral clusters in Cuâ€“Zrâ€“Al ternary metallic glasses via first-principles theory. Materials Research Express, 2022, 9, 065203.	1.6	2
3	Formation of Î¸-Fe₃C Cementite via Î±â€²-Fe₃C (Ï‰-Fe₃C) in Feâ€“C Alloys. Crystal Growth and Design, 2021, 21, 1683-1688.	3.0	4
4	First low-spin carbodiimide, Fe2(NCN)3, predicted from first-principles investigations. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, .	0.7	0
5	Quantum Plasmonics in Nanorods: A Time-Dependent Orbital-Free Density Functional Theory Study with Thousands of Atoms. Journal of Physical Chemistry C, 2020, 124, 945-951.	3.1	13
6	Ferromagnetic Half-Metal Cyanamides Cr(NCN)2 Predicted from First Principles Investigation. Materials, 2020, 13, 1805.	2.9	2
7	In Situ Self-Assembly of Ultrastable Gold Nanoparticles on Polyvinyl Alcohol Nanofibrous Mats for Use as Highly Reusable Catalysts. ACS Omega, 2019, 4, 20094-20100.	3.5	3
8	Synthesis of BiVO4 nanoflakes decorated with AuPd nanoparticles as selective oxidation photocatalysts. Journal of Colloid and Interface Science, 2019, 541, 300-311.	9.4	37
9	Fitted peaks data of O2â^'â€“V5+ charge transfer bands and R/O data of Eu3+ doped Ca(VO3)2 and Ca3(VO4)2. Data in Brief, 2018, 17, 1153-1157.	1.0	0
10	Understanding Quantum Plasmonics from Time-Dependent Orbital-Free Density Functional Theory. Journal of Physical Chemistry C, 2016, 120, 14330-14336.	3.1	29
11	Size-Dependent Plasmonic Resonances from Large-Scale Quantum Simulations. Journal of Physical Chemistry Letters, 2014, 5, 1163-1169.	4.6	41
12	A Ferromagnetic Carbodiimide: Cr₂(NCN)₃. Angewandte Chemie - International Edition, 2010, 49, 4738-4742.	13.8	67
13	Electronic and Magnetic Structure of Transition-Metal Carbodiimides by Means of GGA+U Theory. Journal of Physical Chemistry A, 2010, 114, 12345-12352.	2.5	21
14	Theoretical Reinvestigation of the Electronic Structure of CuNCN: the Influence of Packing on the Magnetic Properties. Journal of Physical Chemistry C, 2009, 113, 18891-18896.	3.1	22