

Peng Fu

List of Publications by Year in descending order

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239
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Properties of Mg _n Clusters and Their Hydrogen Storage Mechanism: A Study Based on DFT and a Global Minimum Optimization Method. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3636-3643.	2.5	40
2	Luminescent Cd(II) metal-organic frameworks with anthracene nitrogen-containing organic ligands as novel multifunctional chemosensors for the detection of picric acid, pesticides, and ferric ions. <i>Dyes and Pigments</i> , 2021, 185, 108834.	3.7	39
3	Theoretical study on hydrogen storage capacity of expanded h-BN systems. <i>Computational Materials Science</i> , 2017, 139, 335-340.	3.0	32
4	A novel T-C ₃ N and seawater desalination. <i>Nanoscale</i> , 2020, 12, 5055-5066.	5.6	26
5	Co-based MOF for efficient degradation of RB in aqueous solutions by peroxymonosulfate activation. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108282.	3.9	22
6	2D luminescent metal-organic framework: efficient and highly selective detection of 2,4,6-trinitrophenol at the ppb level. <i>CrystEngComm</i> , 2021, 23, 929-934.	2.6	14
7	Metallic subnanometer porous silicon: A theoretical prediction. <i>Physical Review B</i> , 2021, 103, .	3.2	13
8	From determination of the fugacity coefficients to estimation of hydrogen storage capacity: A convenient theoretical method. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10908-10917.	7.1	11
9	3D-Graphene/Boron Nitride-stacking Material: a Fundamental van der Waals Heterostructure. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 434-439.	2.6	7