

Yang Yang

List of Publications by Year in descending order

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19
papers

967
citations

759055

12
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

2341
citing authors

#	ARTICLE	IF	CITATIONS
1	Covalent functionalization and passivation of exfoliated black phosphorus via aryl diazonium chemistry. <i>Nature Chemistry</i> , 2016, 8, 597-602.	6.6	687
2	Hexacoordinate Bonding and Aromaticity in Silicon Phthalocyanine. <i>Journal of Physical Chemistry A</i> , 2010, 114, 13257-13267.	1.1	32
3	Long, Directional Interactions in Cofacial Silicon Phthalocyanine Oligomers. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12474-12485.	1.1	29
4	Multireference Ab Initio Study of Ligand Field d-d Transitions in Octahedral Transition-Metal Oxide Clusters. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29196-29208.	1.5	28
5	CH ₃ NH ₃ Cl Assisted Solvent Engineering for Highly Crystallized and Large Grain Size Mixed-Composition (FAPbI ₃) _{0.85} (MAPbBr ₃) _{0.15} Perovskites. <i>Crystals</i> , 2017, 7, 272.	1.0	26
6	A mixed-cation lead iodide MA _{1-x} EA _x PbI ₃ absorber for perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2018, 27, 215-218.	7.1	25
7	Effects Induced by Axial Ligands Binding to Tetrapyrrole-Based Aromatic Metallomacrocycles. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9043-9054.	1.1	19
8	Computational Modeling of Octahedral Iron Oxide Clusters: Hexaaquairon(III) and Its Dimers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21706-21717.	1.5	19
9	Two-Center Two-Electron Covalent Bonds with Deficient Bonding Densities. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10150-10159.	1.1	18
10	Synthesis, properties and drug potential of the photosensitive alkyl- and alkylsiloxy-ligated silicon phthalocyanine Pc 227. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 1690-1698.	1.6	18
11	Metal-ligand coordination in subphthalocyanines and phthalocyanines: DFT, AIM and ELF analyses. <i>Polyhedron</i> , 2012, 33, 310-318.	1.0	16
12	Electronic Structure and Potential Reactivity of Silaaromatic Molecules. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9476-9488.	1.1	13
13	Long Directional Interactions (LDIs) in Oligomeric Cofacial Silicon Phthalocyanines and Other Oligomeric and Polymeric Cofacial Phthalocyanines. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8718-8730.	1.1	11
14	Pyrrolic macrocycles with stabilized triplet states: Metal-centered and ligand-centered separation of unpaired electrons. <i>Polyhedron</i> , 2012, 42, 249-257.	1.0	9
15	A theoretical study of experimentally unknown metallosubphthalocyanines. <i>Chemical Physics Letters</i> , 2011, 511, 51-56.	1.2	7
16	Improved performance of CH ₃ NH ₃ PbBr ₃ perovskite solar cells utilizing PbI ₂ precursors. <i>Chemical Physics Letters</i> , 2017, 687, 106-109.	1.2	5
17	Electron localization in nonplanar conjugated macrocycles: Failure of electron buffers to delocalize electrons. <i>Chemical Physics Letters</i> , 2011, 516, 268-271.	1.2	3
18	The structure and properties of a sheathed, low reactivity silicon phthalocyanine and the potential for still more inert phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 336-345.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Studies directed towards nonyl acridine orange analogues having the potential to act as FRET donors with the PDT drug Pc 4. RSC Advances, 2016, 6, 29391-29403.	1.7	1