

Ying Li

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,383
citations

279798

23
h-index

197818

49
g-index

56
all docs

56
docs citations

56
times ranked

752
citing authors

#	ARTICLE	IF	CITATIONS
1	High electron affinity triggered by lithium coordination: quasi-chalcogen properties of $\text{Li}_2\text{Sn}_8\text{Be}$. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10611-10621.	2.8	2
2	Effects of the nanowire length on large second-order nonlinear optical responses: a theoretical investigation of the thinnest doped beryllium nanowires with IR and UV working wavebands. <i>Dalton Transactions</i> , 2021, 50, 4613-4622.	3.3	1
3	On Close Parallels between the Zintl-Based Superatom Ge_9Be and Chalcogen Elements. <i>Inorganic Chemistry</i> , 2021, 60, 3196-3206.	4.0	8
4	Probing the effect of carbon doping on structures, properties, and stability of magnesium clusters. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	1.4	3
5	On reactivity of superatom Be_8C with nucleophiles to produce hydrogen. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26794.	2.0	1
6	On structure and hyperhalogen properties of hetero-binuclear superatoms $\text{M}(\text{BO}_2)^+$ ($\text{M} = \text{Na, Mg}$). <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	2.2	2
7	Distinctive Characteristics of Al_7Li : A Superatom Counterpart of Group IVA Elements. <i>Inorganic Chemistry</i> , 2020, 59, 14093-14100.	4.0	7
8	Unveiling the potential of superalkali cation Li_3^+ for capturing nitrogen. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26536-26543.	2.8	6
9	Theoretical investigation of perfect fullerene-like borospherene Ih-B_{20} protected by alkaline earth metal: multi-layered spherical electride molecules as electric field manipulated second-order nonlinear optical switches. <i>Dalton Transactions</i> , 2020, 49, 15267-15275.	3.3	5
10	On single-electron magnesium bonding formation and the effect of methyl substitution. <i>RSC Advances</i> , 2020, 10, 34413-34420.	3.6	1
11	Honeycomb Borophene Fragment Stabilized in Polyanionic Sandwich Lithium Salt: A New Type of Two-Dimensional Material with Superconductivity. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5870-5879.	3.1	9
12	Noble gas insertion compounds of hydrogenated and lithiated hyperhalogens. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 20156-20165.	2.8	4
13	Nonlinear optical response of endohedral all-metal electride cages $2e^-\text{Mg}_2+(\text{M}@\text{E}12)_2\text{Ca}^+$ ($\text{M} = \text{Ni}$). <i>Theoretical Chemistry Accounts</i> , 2019, 140, 1.	5.5	16
14	The behavior of the aluminum trimer when combining with different superatom clusters. <i>RSC Advances</i> , 2018, 8, 6667-6674.	3.6	4
15	Finding all-nonmetal transition-metal-like superatom and its magnetic building block. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25570.	2.0	2
16	The effect of hydration on the electronic structure and stability of the superalkali cation Li_3^+ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15174-15182.	2.8	4
17	Decorating Zintl polyanions with alkali metal cations: A novel strategy to design superatom cations with low electron affinity. <i>Journal of Alloys and Compounds</i> , 2018, 740, 400-405.	5.5	19
18	The Influence of Carbon Doping on the Structures, Properties, and Stability of Beryllium Clusters. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2428-2434.	2.0	8

#	ARTICLE	IF	CITATIONS
55	Theoretical Study of Alkaline-Earth Metal (Be, Mg, and Ca)-Substituted Aluminum Nitride Nanocages With High Stability and Large Nonlinear Optical Responses. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	0
56	Design of a Novel Series of Hetero-Binuclear Superhalogen Anions $M_2X_4^{2-}$ (M = Li, Na; M^{2+} = Be, Mg, Ca; X) J. ETQq0 Q.0 rgBT /O	3.6	0