

Wenjin Cao

List of Publications by Year in descending order

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Functionalization of Electrodes with Tunable [EMIM] _x [Cl] _{x+1} ⁺ Ionic Liquid Clusters for Electrochemical Separations. <i>Chemistry of Materials</i> , 2022, 34, 2612-2623.	6.7	5
2	Guanosine Dianions Hydrated by One to Four Water Molecules. <i>Journal of Physical Chemistry Letters</i> , 2022, , 3230-3236.	4.6	4
3	Gaseous cyclodextrin- <i>closo</i> -dodecaborate complexes $\hat{I}_3\text{CD}_2\text{B}_{12}\text{X}_{12}$ ($\hat{I}_3 = \hat{I}_1, \hat{I}_2, \text{ and } \hat{I}_3$; X = F, Cl, Br, and I): electronic structures and intramolecular interactions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13447-13457.		8
4	Cryogenic Vibrationally Resolved Photoelectron Spectroscopy of OH ⁺ (H ₂ O): Confirmation of Multidimensional Franck-Condon Simulation Results for the Transition State of the OH + H ₂ O Reaction. <i>Journal of Physical Chemistry A</i> , 2021, 125, 2154-2162.	2.5	3
5	Observation of Conformational Simplification upon <i>N</i> -Methylation on Amino Acid Iodide Clusters. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2780-2787.	4.6	4
6	Threshold Ionization Spectroscopy and Theoretical Calculations of LnO (Ln = La and Ce). <i>Journal of Physical Chemistry A</i> , 2021, 125, 1941-1948.	2.5	9
7	Photoelectron Spectroscopy and Theoretical Study on Monosolvated Cyanate Analogue Clusters ECX ⁺ ·Sol (ECX ⁺ = NCS ⁺ , AsCS ⁺ , and) <i>TJ ETQq1 1 0.784314.jpgBT /Over</i> 125, 3928-3935.	2.5	3
8	Photoelectron Spectroscopy and Theoretical Investigations of Gaseous Doubly Deprotonated 2 ⁻ -Deoxynucleoside 5 ⁻ -Monophosphate Dianions. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9463-9469.	4.6	5
9	Electron Affinity and Electronic Structure of Hexafluoroacetone (HFA) Revealed by Photodetaching the [HFA] ⁻ Radical Anion. <i>Journal of Physical Chemistry A</i> , 2021, 125, 746-753.	2.5	4
10	Observation and Exploitation of Spin-Orbit Excited Dipole-Bound States in Ion-Molecule Clusters. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11022-11028.	4.6	4
11	Isolated [B ₂ (CN) ₆] ²⁻ : Small Yet Exceptionally Stable Nonmetal Dianion. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 12005-12011.	4.6	2
12	Cryogenic δ -iodide-Tagging-Photoelectron Spectroscopy: A Sensitive Probe for Specific Binding Sites of Amino Acids. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4346-4352.	4.6	15
13	Spectroscopic evidence for intact carbonic acid stabilized by halide anions in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19459-19467.	2.8	10
14	Probing Orientation-Specific Charge-Dipole Interactions between Hexafluoroisopropanol and Halides: A Joint Photoelectron Spectroscopy and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2036-2045.	2.5	17
15	Cryogenic and temperature-dependent photoelectron spectroscopy of metal complexes. <i>International Reviews in Physical Chemistry</i> , 2020, 39, 83-108.	2.3	24
16	Velocity-Map Imaging and Magnetic-Bottle Photoelectron Spectroscopy of [SeCCH] ⁺ : Electronic Properties and Spin-Orbit Splitting. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3214-3219.	2.5	2
17	Spin-orbit coupling and vibronic transitions of two Ce(C ₄ H ₆) isomers probed by mass-analyzed threshold ionization and relativistic quantum computation. <i>Journal of Chemical Physics</i> , 2019, 151, 124307.	3.0	6
18	La-mediated dehydrogenation and C-C bond cleavage of 1,4-pentadiene and 1-pentyne: Spectroscopy and formation of La(C ₅ H ₆) and La(C ₃ H ₄) radicals. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 187-195.	1.8	5

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19	Lanthanum-mediated dehydrogenation of butenes: Spectroscopy and formation of La(C ₄ H ₆) isomers. Journal of Chemical Physics, 2018, 148, 044312.	3.0	7
20	Spectroscopy and formation of lanthanum-hydrocarbon radicals formed by C-H and C-C bond activation of 1-pentene and 2-pentene. Journal of Chemical Physics, 2018, 149, 034303.	3.0	2
21	Spectroscopy and formation of lanthanum-hydrocarbon radicals formed by association and carbon-carbon bond cleavage of isoprene. Journal of Chemical Physics, 2018, 148, 194302.	3.0	3
22	Spectroscopic Characterization of Nonconcerted [4 + 2] Cycloaddition of 1,3-Butadiene with Lanthanacyclopropene To Form Lanthanum-Benzene in the Gas Phase. Journal of Physical Chemistry A, 2017, 121, 1233-1239.	2.5	12
23	Spectroscopy and formation of lanthanum-hydrocarbon radicals formed by C-C bond cleavage and coupling of propene. Journal of Chemical Physics, 2017, 146, .	3.0	18
24	Mass-analyzed threshold ionization spectroscopy of lanthanum-hydrocarbon radicals formed by C-H bond activation of propene. Journal of Chemical Physics, 2017, 146, 074305.	3.0	16
25	Low-Energy Photoelectron Imaging Spectroscopy of La _n (benzene) (n = 1 and 2) T_j ETQq1 1.0.784314 rgBT / Dv	2.5	6
26	Lanthanum-mediated dehydrogenation of 1- and 2-butyne: Spectroscopy and formation of La(C ₄ H ₄) isomers. Journal of Chemical Physics, 2017, 147, 064303.	3.0	5
27	Spectroscopic Characterization of Lanthanum-Mediated Dehydrogenation and C-C Bond Coupling of Ethylene. Journal of Physical Chemistry A, 2016, 120, 4482-4489.	2.5	22
28	La-Activated Bicyclo-oligomerization of Acetylene to Naphthalene. Journal of the American Chemical Society, 2016, 138, 2468-2471.	13.7	35