

Wenjin Cao

List of Publications by Year in descending order

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papers

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docs citations

28
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	La-Activated Bicyclo-oligomerization of Acetylene to Naphthalene. Journal of the American Chemical Society, 2016, 138, 2468-2471.	13.7	35
2	Cryogenic and temperature-dependent photoelectron spectroscopy of metal complexes. International Reviews in Physical Chemistry, 2020, 39, 83-108.	2.3	24
3	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
4	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
5	Probing Orientation-Specific Charge-Dipole Interactions between Hexafluoroisopropanol and Halides: A Joint Photoelectron Spectroscopy and Theoretical Study. Journal of Physical Chemistry A, 2020, 124, 2036-2045.	2.5	17
6	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
7	Cryogenic δ -iodide-Tagging-Photoelectron Spectroscopy: A Sensitive Probe for Specific Binding Sites of Amino Acids. Journal of Physical Chemistry Letters, 2020, 11, 4346-4352.	4.6	15
8	Spectroscopic Characterization of Nonconcerted [4 + 2] Cycloaddition of 1,3-Butadiene with Lanthanacyclopentene To Form Lanthanum-Benzene in the Gas Phase. Journal of Physical Chemistry A, 2017, 121, 1233-1239.	2.5	12
9	Spectroscopic evidence for intact carbonic acid stabilized by halide anions in the gas phase. Physical Chemistry Chemical Physics, 2020, 22, 19459-19467.	2.8	10
10	Threshold Ionization Spectroscopy and Theoretical Calculations of LnO (Ln = La and Ce). Journal of Physical Chemistry A, 2021, 125, 1941-1948.	2.5	9
11	Gaseous cyclodextrin- β -dodecaborate complexes β -CD- $B_{12}X_{12}$ ($\beta = \hat{1}, \hat{2}, \text{ and } \hat{3}$; X = F, Cl, Br, and I): electronic structures and intramolecular interactions. Physical Chemistry Chemical Physics, 2021, 23, 13447-13457.	2.5	8
12	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
13	Low-Energy Photoelectron Imaging Spectroscopy of La _n (benzene) ($n = 1$ and 2). Journal of Physical Chemistry Letters, 2015, 6, 1107-1110.	2.5	6
14	Spin-orbit coupling and vibronic transitions of two Ce(C ₄ H ₆) isomers probed by mass-analyzed threshold ionization and relativistic quantum computation. Journal of Chemical Physics, 2019, 151, 124307.	3.0	6
15	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
16	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. Journal of Organometallic Chemistry, 2019, 880, 187-195.	1.8	5
17	Photoelectron Spectroscopy and Theoretical Investigations of Gaseous Doubly Deprotonated 2-Deoxynucleoside 5-Monophosphate Dianions. Journal of Physical Chemistry Letters, 2021, 12, 9463-9469.	4.6	5
18	Functionalization of Electrodes with Tunable [EMIM] _n [Cl] _{n+1} Ionic Liquid Clusters for Electrochemical Separations. Chemistry of Materials, 2022, 34, 2612-2623.	6.7	5

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19	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
20	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
21	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
22	Guanosine Dianions Hydrated by One to Four Water Molecules. <i>Journal of Physical Chemistry Letters</i> , 2022, , 3230-3236.	4.6	4
23	Spectroscopy and formation of lanthanum-hydrocarbon radicals formed by association and carbon-carbon bond cleavage of isoprene. <i>Journal of Chemical Physics</i> , 2018, 148, 194302.	3.0	3
24	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
25	Photoelectron Spectroscopy and Theoretical Study on Monosolvated Cyanate Analogue Clusters ECX ⁻ ·Sol (ECX ⁻ = NCSe ⁻ , AsCSe ⁻ , and) <i>TJ ETQq1 1 0.784314 JgBT / Over 125. 3928-3935.</i>	2.5	3
26	Spectroscopy and formation of lanthanum-hydrocarbon radicals formed by C-H and C-C bond activation of 1-pentene and 2-pentene. <i>Journal of Chemical Physics</i> , 2018, 149, 034303.	3.0	2
27	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
28	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