

Qinqin Yuan

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Cyanohydridoborate Anions: Synthesis, Salts, and Low-Viscosity Ionic Liquids. <i>Chemistry - A European Journal</i> , 2019, 25, 3560-3574.	3.3	31
2	Reactions of Copper and Silver Cations with Carbon Dioxide: An Infrared Photodissociation Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3220-3226.	2.5	24
3	Cryogenic and temperature-dependent photoelectron spectroscopy of metal complexes. <i>International Reviews in Physical Chemistry</i> , 2020, 39, 83-108.	2.3	24
4	Coordination-induced CO ₂ fixation into carbonate by metal oxides. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19314-19320.	2.8	22
5	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
6	Cryogenic 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
7	Probing the bonding of CO to heteronuclear group 4 metal-nickel clusters by photoelectron spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 9790-9797.	2.8	14
8	Photoelectron spectroscopy and computational investigations of the electronic structures and noncovalent interactions of cyclodextrin-dodecaborate anion complexes $[1\pm\text{-CD}\cdot\text{B}_{12}\text{X}_{12}]^{2\pm}$ ($1\pm = 1\pm, 1^2, 1^3$; X = H, F). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7193-7200.	2.8	14
9	Photoelectron Spectroscopy and Theoretical Studies of PCSe ⁻ , AsCSe ⁻ , AsCSe ⁻ , and NCSe ⁻ : Insights into the Electronic Structures of the Whole Family of ECX ⁻ Anions (E=N, P, As; X=O, S, Se). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15062-15068.	13.8	13
10	Developing Ideal Metalorganic Hydrides for Hydrogen Storage: From Theoretical Prediction to Rational Fabrication. , 2021, 3, 1417-1425.		13
11	Macrocyclic-Directed Construction of Tetrahedral Anion Receptors for Nesting Anions with Complementary Geometry. <i>Chemistry - A European Journal</i> , 2019, 25, 13275-13279.	3.3	12
12	Properties of gaseous [B ₆ X ₆] ²⁺ dianions (X = Cl, Br). <i>Tj ETQq0.0.0 rgBT/Overlock</i>	2.8	12
13	Photoelectron velocity-map imaging and theoretical studies of heteronuclear metal carbonyls $[M\text{-Ni}(\text{CO})_3]^{2+}$ (M = Mg, Ca, Al). <i>Journal of Chemical Physics</i> , 2016, 144, 124303.	3.0	11
14	Electrospray ionization photoelectron spectroscopy of cryogenic [EDTA ⁻ M(ii)] ²⁺ complexes (M = Ca). <i>Tj ETQq0.0.0 rgBT/Overlock</i>	3.2	11
15	Ferrocene-carboxylate coordination complexes bridged by different N-containing ligands. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1686-1699.	2.2	10
16	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
17	Photoelectron spectroscopic and computational studies of [EDTA ⁻ M(ⁱⁱⁱ)] ⁺ complexes (M = H ₃ , Al, Sc, V ^{Co}). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19458-19469.	2.8	9
18	Synthesis, Electronic Properties and Reactivity of [B ₁₂ X ₁₁ (NO ₂) ²⁺] (X=F ^I) Dianions. <i>Chemistry - A European Journal</i> , 2020, 26, 14594-14601.	3.3	9

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19	Photoelectron Velocity Map Imaging Spectroscopic and Theoretical Study of Heteronuclear $MNi(CO)_7^+$ ($M = V, Nb, Ta$). <i>Journal of Physical Chemistry A</i> , 2020, 124, 2264-2269.	2.5	9
20	Gaseous cyclodextrin-closedodecaborate complexes $\beta\text{-CD} \cdot B_{10}X_{12}^{2-}$ ($\beta = \hat{1}, \hat{2}, \text{ and } \hat{3}$; $X = F, Cl, Br, \text{ and } I$): electronic structures and intramolecular interactions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13447-13457.	2.8	8
21	Photoelectron velocity map imaging spectroscopic and theoretical study of heteronuclear vanadium-nickel carbonyl anions $VNi(CO)_n^-$ ($n = 2-6$). <i>Journal of Chemical Physics</i> , 2018, 149, 144305.	3.0	7
22	Photoelectron Velocity Map Imaging Spectroscopy of Heteronuclear Metal-Nickel Carbonyls $MNi(CO)_n^-$ ($M = Sc, Y; n = 2-6$). <i>Topics in Catalysis</i> , 2018, 61, 71-80.	2.8	6
23	Photoelectron Spectroscopy and Theoretical Investigations of Gaseous Doubly Deprotonated $2\text{-Deoxynucleoside } 5\text{-Monophosphate Dianions}$. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9463-9469.	4.6	5
24	Functionalization of Electrodes with Tunable $[EMIM][Cl]^{+1}$ Ionic Liquid Clusters for Electrochemical Separations. <i>Chemistry of Materials</i> , 2022, 34, 2612-2623.	6.7	5
25	Electronic structures and binding motifs of sodium polysulfide clusters NaS_n^- ($n = 5-9$): A joint negative ion photoelectron spectroscopy and computational investigation. <i>Journal of Chemical Physics</i> , 2019, 150, 244305.	3.0	4
26	Fluorous Fullerene Acceptors in Vacuum-Deposited Photovoltaic Cells. <i>Solar Rrl</i> , 2019, 3, 1900070.	5.8	4
27	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
28	Electron Affinity and Electronic Structure of Hexafluoroacetone (HFA) Revealed by Photodetaching the $[HFA]^{\cdot-}$ Radical Anion. <i>Journal of Physical Chemistry A</i> , 2021, 125, 746-753.	2.5	4
29	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
30	Guanosine Dianions Hydrated by One to Four Water Molecules. <i>Journal of Physical Chemistry Letters</i> , 2022, , 3230-3236.	4.6	4
31	Photoelectron Spectroscopy and Theoretical Studies of $PCSe^-$, $AsCS^-$, $AsCSe^-$, and $NCSe^-$: Insights into the Electronic Structures of the Whole Family of ECX^- Anions ($E=N, P, As; X=O, S, Se$). <i>Angewandte Chemie</i> , 2019, 131, 15206-15212.	2.0	3
32	Photoelectron spectroscopy of $[Mo_6X_{14}]^{2-}$ dianions ($X = Cl, I$). <i>Journal of Chemical Physics</i> , 2019, 151, 194310.	3.0	3
33	Photoelectron Spectroscopy and Theoretical Study on Monosolvated Cyanate Analogue Clusters $ECX^- \cdot Sol$ ($ECX^- = NCSe^-, AsCSe^-$, and) <i>Tj ETQq1 1 0.784314.rgBT /Over</i> 125, 3928-3935.	2.5	2
34	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
35	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
36	Syntheses, Structures, and Characterization of Three New Complexes Constructed From Triazolyl N-Heterocyclic Ligand. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 558-566.	0.6	1

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37	Frontispiece: Photoelectron Spectroscopy and Theoretical Studies of PCSe ⁺ , AsCS ⁺ , AsCSe ⁺ , and NCSe ⁺ : Insights into the Electronic Structures of the Whole Family of ECX ⁺ Anions (E=N, P, As; X=O, S, Se). <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	13.8	0
38	Frontispiz: Photoelectron Spectroscopy and Theoretical Studies of PCSe ⁺ , AsCS ⁺ , AsCSe ⁺ , and NCSe ⁺ : Insights into the Electronic Structures of the Whole Family of ECX ⁺ Anions (E=N, P, As; X=O, S, Se). <i>Angewandte Chemie</i> , 2019, 131, .	2.0	0