

Qinqin Yuan

List of Publications by Year in descending order

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38
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318
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Functionalization of Electrodes with Tunable [EMIM] ₂ [Cl] ₂ +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 $\hat{I}^{\pm}CD\hat{A}\cdot B_{12}X_{12}$ ($\hat{I}^{\pm} = \hat{I}^{\pm}, \hat{I}^2, \text{ and } \hat{I}^3$; X = F, Cl, Br, and I): electronic structures and intramolecular interactions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13447-13457. | | 8 |
| 4 | 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 |
| 5 | Photoelectron Spectroscopy and Theoretical Study on Monosolvated Cyanate Analogue Clusters ECX ⁻ ·Sol (ECX ⁻ = NCS ⁻ , AsCS ⁻ , and) <i>J. Phys. Chem. Lett.</i> 2021, 12, 3928-3935. | 2.5 | 10,784314 |
| 6 | Developing Ideal Metalorganic Hydrides for Hydrogen Storage: From Theoretical Prediction to Rational Fabrication. , 2021, 3, 1417-1425. | | 13 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Properties of gaseous <i>closo</i> -[B ₆ X ₆] ²⁻ dianions (X = Cl, Br, I) <i>J. Phys. Chem. Lett.</i> 2020, 11, 2800-2806. | 2.8 | 12 |
| 13 | Cryogenic ¹⁵ N-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 |
| 14 | 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 |
| 15 | Photoelectron spectroscopy and computational investigations of the electronic structures and noncovalent interactions of cyclodextrin- <i>closo</i> -dodecaborate anion complexes $\hat{I}^{\pm}CD\hat{A}\cdot B_{12}X_{12}$ ($\hat{I}^{\pm} = \hat{I}^{\pm}, \hat{I}^2, \hat{I}^3$; X = H, F). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7193-7200. | 2.8 | 14 |
| 16 | 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 |
| 17 | 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 |
| 18 | Cryogenic and temperature-dependent photoelectron spectroscopy of metal complexes. <i>International Reviews in Physical Chemistry</i> , 2020, 39, 83-108. | 2.3 | 24 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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, 15062-15068. | 13.8 | 13 |
| 22 | Macrocyclic-Directed Construction of Tetrahedral Anion-Recognizing Receptors for Nesting Anions with Complementary Geometry. <i>Chemistry - A European Journal</i> , 2019, 25, 13275-13279. | 3.3 | 12 |
| 23 | Electronic structures and binding motifs of sodium polysulfide clusters NaSn ⁻ (n = 5-9): A joint negative ion photoelectron spectroscopy and computational investigation. <i>Journal of Chemical Physics</i> , 2019, 150, 244305. | 3.0 | 4 |
| 24 | 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 |
| 25 | Electrospray ionization photoelectron spectroscopy of cryogenic [EDTA-M(ii)] ²⁻ complexes (M = Ca, Tj ETQq1 1,0.784314.rgBT / Qv | 3.2 | 11 |
| 26 | Fluorous Fullerene Acceptors in Vacuum-Deposited Photovoltaic Cells. <i>Solar Rrl</i> , 2019, 3, 1900070. | 5.8 | 4 |
| 27 | 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 |
| 28 | Photoelectron spectroscopy of [Mo6X14] ²⁻ dianions (X = Cl-I). <i>Journal of Chemical Physics</i> , 2019, 151, 194310. | 3.0 | 3 |
| 29 | Cyanohydridoborate Anions: Synthesis, Salts, and Low-Viscosity Ionic Liquids. <i>Chemistry - A European Journal</i> , 2019, 25, 3560-3574. | 3.3 | 31 |
| 30 | 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 |
| 31 | 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 |
| 32 | Coordination-induced CO ₂ fixation into carbonate by metal oxides. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19314-19320. | 2.8 | 22 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Photoelectron velocity-map imaging and theoretical studies of heteronuclear metal carbonyls M ₃ Ni(CO) ₃ ⁻ (M = Mg, Ca, Al). <i>Journal of Chemical Physics</i> , 2016, 144, 124303. | 3.0 | 11 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Syntheses, Structures, and Characterization of Three New Complexes Constructed From Triazolyl N-Heterocyclic Ligand. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 558-566. | 0.6 | 1 |
| 38 | Ferrocene-carboxylate coordination complexes bridged by different N-containing ligands. Journal of Coordination Chemistry, 2013, 66, 1686-1699. | 2.2 | 10 |