

Lai-Sheng Wang

List of Publications by Year in descending order

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480
papers

39,125
citations

1530

106
h-index

4535

171
g-index

489
all docs

489
docs citations

489
times ranked

11990
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant two-photon photoelectron imaging and adiabatic detachment processes from bound vibrational levels of dipole-bound states. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1380-1389.	1.3	5
2	Probing the Nature of the Transition-Metal-Boron Bonds and Novel Aromaticity in Small Metal-Doped Boron Clusters Using Photoelectron Spectroscopy. <i>Annual Review of Physical Chemistry</i> , 2022, 73, 233-253.	4.8	14
3	AuB ₈ ⁺ : an Au ⁺ borozene complex. <i>Chemical Communications</i> , 2022, 58, 3134-3137.	2.2	6
4	Probing the electronic structure and spectroscopy of pyrrolyl and imidazolyl radicals using high-resolution photoelectron imaging of cryogenically cooled anions. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 6505-6514.	1.3	7
5	Observation of Core-Excited Dipole-Bound States. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2124-2129.	2.1	8
6	Boron-lead multiple bonds in the PbB ₂ O ⁺ and PbB ₃ O ⁺ clusters. <i>Communications Chemistry</i> , 2022, 5, .	2.0	4
7	A Heteroleptic Gold Hydride Nanocluster for Efficient and Selective Electrocatalytic Reduction of CO ₂ to CO. <i>Journal of the American Chemical Society</i> , 2022, 144, 5258-5262.	6.6	87
8	Probing copper-boron interactions in the Cu ₂ B ₈ ⁺ bimetallic cluster. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, .	0.9	8
9	Selective Semihydrogenation of Polarized Alkynes by a Gold Hydride Nanocluster. <i>Journal of the American Chemical Society</i> , 2022, 144, 12501-12509.	6.6	25
10	The Synthesis, Bonding, and Transformation of a Ligand-Protected Gold Nanohydride Cluster. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2424-2430.	7.2	36
11	The Synthesis, Bonding, and Transformation of a Ligand-Protected Gold Nanohydride Cluster. <i>Angewandte Chemie</i> , 2021, 133, 2454-2460.	1.6	7
12	B ₄₈ ⁺ : a bilayer boron cluster. <i>Nanoscale</i> , 2021, 13, 3868-3876.	2.8	43
13	Photodetachment spectroscopy and resonant photoelectron imaging of cryogenically cooled 1-pyrenolate. <i>Journal of Chemical Physics</i> , 2021, 154, 094308.	1.2	14
14	Expanded Inverse-Sandwich Complexes of Lanthanum Borides: La ₂ B ₁₀ ⁺ and La ₂ B ₁₁ ⁺ . <i>Journal of Physical Chemistry A</i> , 2021, 125, 2622-2630.	1.1	15
15	How O ₂ -Binding Affects Structural Evolution of Medium Even-Sized Gold Clusters Au _n ⁺ (n = 20-34). <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3560-3570.	2.1	9
16	Probing the Dipole-Bound State in the 9-Phenanthrolate Anion by Photodetachment Spectroscopy, Resonant Two-Photon Photoelectron Imaging, and Resonant Photoelectron Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2021, 125, 2967-2976.	1.1	12
17	Double η -Aromaticity in a Planar Zinc-Doped Gold Cluster: Au ₉ Zn ⁺ . <i>Journal of Physical Chemistry A</i> , 2021, 125, 4606-4613.	1.1	14
18	The synthesis and characterization of a new diphosphine-protected gold hydride nanocluster. <i>Journal of Chemical Physics</i> , 2021, 155, 034307.	1.2	9

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19	Photoelectron Spectroscopy of Size-Selected Bismuth-Boron Clusters: BiB_n ($n = 6-8$). Journal of Physical Chemistry A, 2021, 125, 6751-6760.	1.1	18
20	Observation of a dipole-bound excited state in 4-ethynylphenoxide and comparison with the quadrupole-bound excited state in the isoelectronic 4-cyanophenoxide. Journal of Chemical Physics, 2021, 155, 124305.	1.2	9
21	Transition-metal-like bonding behaviors of a boron atom in a boron-cluster boronyl complex $[(\text{B}_7\text{-B})\text{-BO}]$. Chemical Science, 2021, 12, 8157-8164.	3.7	11
22	Monovalent lanthanide(I) in borozene complexes. Nature Communications, 2021, 12, 6467.	5.8	18
23	2020 JCP Emerging Investigator Special Collection. Journal of Chemical Physics, 2021, 155, 230401.	1.2	1
24	JCP Emerging Investigator Special Collection 2019. Journal of Chemical Physics, 2020, 153, 110402.	1.2	2
25	Observation of π -Backbonding in a Boronyl-Coordinated Transition Metal Complex TaBO . Journal of Physical Chemistry A, 2020, 124, 10001-10007.	1.1	0
26	Observation of a Symmetry-Forbidden Excited Quadrupole-Bound State. Journal of the American Chemical Society, 2020, 142, 20240-20246.	6.6	11
27	Observation of a π -Type Dipole-Bound State in Molecular Anions. Physical Review Letters, 2020, 125, 073003.	2.9	25
28	Halogen effects on the electronic and optical properties of Au_{13} nanoclusters. Nanoscale Advances, 2020, 2, 4902-4907.	2.2	18
29	Polarization of Valence Orbitals by the Intramolecular Electric Field from a Diffuse Dipole-Bound Electron. Journal of Physical Chemistry Letters, 2020, 11, 7914-7919.	2.1	15
30	The nature of the chemical bonding in 5d transition-metal diatomic borides MB ($M = \text{Ir}, \text{Pt}, \text{Au}$). Journal of Chemical Physics, 2020, 152, 174301.	1.2	14
31	Observation of Transition-Metal Boron Triple Bonds in IrB_2O and ReB_2O . Angewandte Chemie - International Edition, 2020, 59, 15260-15265.	7.2	7
32	Observation of Transition-Metal Boron Triple Bonds in IrB_2O and ReB_2O . Angewandte Chemie, 2020, 132, 15372-15377.	1.6	0
33	Spherical trihedral metallo-borosphenes. Nature Communications, 2020, 11, 2766.	5.8	43
34	MnB_6 : An Open-Shell Metallaboron Analog of 3d Metallabenzenes. Journal of Physical Chemistry A, 2020, 124, 2820-2825.	1.1	13
35	High-Resolution Photoelectron Imaging and Photodetachment Spectroscopy of Cryogenically Cooled IO . Journal of Physical Chemistry A, 2020, 124, 5720-5726.	1.1	3
36	Photodetachment spectroscopy and resonant photoelectron imaging of the 2-naphthoxide anion via dipole-bound excited states. Journal of Chemical Physics, 2020, 152, 214307.	1.2	11

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37	High-resolution photoelectron imaging of MnB_3^+ : Probing the bonding between the aromatic B_3 cluster and 3d transition metals. <i>Journal of Chemical Physics</i> , 2020, 152, 244306.	1.2	8
38	Observation of Möbius Aromatic Planar Metallaborocycles. <i>Journal of the American Chemical Society</i> , 2020, 142, 3356-3360.	6.6	26
39	Observation of Four-Fold Boron-Metal Bonds in $\text{Rh}(\text{BO})^+$ and RhB . <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 659-663.	2.1	46
40	Resonant Two-Photon Photoelectron Imaging and Intersystem Crossing from Excited Dipole-Bound States of Cold Anions. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4339-4344.	2.1	24
41	Probing the Critical Dipole Moment To Support Excited Dipole-Bound States in Valence-Bound Anions. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6472-6477.	2.1	46
42	ReB_6 : A Metallaboron Analog of Metallabenzenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 17854-17860.	6.6	20
43	Probing the electronic structure of the CoB_6 drum complex: Unusual oxidation state of Co^{+1} . <i>Chinese Journal of Chemical Physics</i> , 2019, 32, 241-247.	0.6	5
44	Preface to the Special Issue "ISSPIC XIX: International Symposium on Small Particles and Inorganic Clusters 2018". <i>Chinese Journal of Chemical Physics</i> , 2019, 32, i-i.	0.6	0
45	Probing the coupling of a dipole-bound electron with a molecular core. <i>Chemical Science</i> , 2019, 10, 1386-1391.	3.7	14
46	Facile Synthesis of Unsolvated Alkali Metal Octahydrotriborate Salts MB_3H_8 (M=K, Rb, and Cs), Mechanisms of Formation, and the Crystal Structure of KB_3H_8 . <i>Angewandte Chemie</i> , 2019, 131, 2746-2750.	1.6	13
47	Facile Synthesis of Unsolvated Alkali Metal Octahydrotriborate Salts MB_3H_8 (M=K, Rb, and Cs), Mechanisms of Formation, and the Crystal Structure of KB_3H_8 . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2720-2724.	7.2	39
48	$[\text{La}(\text{f-B})\text{La}]^+$ ($f = \text{7, 9}$): a new class of inverse sandwich complexes. <i>Chemical Science</i> , 2019, 10, 2534-2542.	3.7	65
49	Double- and multi-slit interference in photodetachment from nanometer organic molecular anions. <i>Journal of Chemical Physics</i> , 2019, 150, 244302.	1.2	0
50	$\text{Re}(\text{B}_8)^+$ and $\text{Re}(\text{B}_9)^+$: New Members of the Transition-Metal-Centered Borometallic Molecular Wheel Family. <i>Journal of Physical Chemistry A</i> , 2019, 123, 5317-5324.	1.1	40
51	$\text{La}_3\text{B}_{14}^+$: an inverse triple-decker lanthanide boron cluster. <i>Chemical Communications</i> , 2019, 55, 7864-7867.	2.2	36
52	Probing the structures and bonding of size-selected boron and doped-boron clusters. <i>Chemical Society Reviews</i> , 2019, 48, 3550-3591.	18.7	169
53	B_{31}^+ and B_{32}^+ : chiral quasi-planar boron clusters. <i>Nanoscale</i> , 2019, 11, 9698-9704.	2.8	22
54	High-Resolution Photoelectron Imaging of IrB_3^+ : Observation of a π -Aromatic B_3^+ Ring Coordinated to a Transition Metal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8877-8881.	7.2	24

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55	High-Resolution Photoelectron Imaging of IrB ₃ : Observation of an Aromatic B ₃ + Ring Coordinated to a Transition Metal. <i>Angewandte Chemie</i> , 2019, 131, 8969-8973.	1.6	5
56	Tautomer-Specific Resonant Photoelectron Imaging of Deprotonated Cytosine Anions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7856-7860.	7.2	10
57	Tautomer-Specific Resonant Photoelectron Imaging of Deprotonated Cytosine Anions. <i>Angewandte Chemie</i> , 2019, 131, 7938-7942.	1.6	0
58	Au ₆₀ : The Smallest Gold Cluster with the High-Symmetry Icosahedral Core Au ₁₃ . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1820-1827.	2.1	17
59	High resolution photoelectron imaging of boron-bismuth binary clusters: Bi ₂ B _n (n = 1-12). <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1820-1827.	1.2	12
60	Planar B ₄₁ and B ₄₂ clusters with double-hexagonal vacancies. <i>Nanoscale</i> , 2019, 11, 23286-23295.	2.8	44
61	High-resolution photoelectron imaging and resonant photoelectron spectroscopy via noncovalently bound excited states of cryogenically cooled anions. <i>Chemical Science</i> , 2019, 10, 9409-9423.	3.7	41
62	Lanthanides with Unusually Low Oxidation States in the PrB ₃ and PrB ₄ Boride Clusters. <i>Inorganic Chemistry</i> , 2019, 58, 411-418.	1.9	39
63	Structural Evolution of Gold-Doped Bismuth Clusters AuBi _n (n = 4-8). <i>Journal of Physical Chemistry C</i> , 2018, 122, 6947-6954.	1.5	16
64	A high-resolution photoelectron imaging and theoretical study of CP ₂ and C ₂ P ₂ . <i>Journal of Chemical Physics</i> , 2018, 148, 044301.	1.2	9
65	[(Cp ₂ M) ₂ B ₉ H ₁₁] (M = Zr or Hf): early transition metal guarded heptaborane with strong covalent and electrostatic bonding. <i>Chemical Science</i> , 2018, 9, 1976-1981.	3.7	27
66	Dipole-bound excited states and resonant photoelectron imaging of phenoxide and thiophenoxide anions. <i>Journal of Chemical Physics</i> , 2018, 149, 164301.	1.2	26
67	Probing the structures and bonding of auropolyynes, Au _n (C) _n Au _n (n = 1-3), using high-resolution photoelectron imaging. <i>Journal of Chemical Physics</i> , 2018, 149, 144307.	1.2	13
68	Determination of CO Adsorption Sites on Gold Clusters Au _n (n = 1-12). <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5430-5439.	2.1	9
69	Di-niobium gold clusters: Multiply-bonded Nb ₂ dimer coordinated equatorially by Au atoms. <i>International Journal of Mass Spectrometry</i> , 2018, 434, 7-16.	0.7	3
70	Toward Solution Syntheses of the Tetrahedral Au ₂₀ Pyramid and Atomically Precise Gold Nanoclusters with Uncoordinated Sites. <i>Accounts of Chemical Research</i> , 2018, 51, 2159-2168.	7.6	68
71	Observation of highly stable and symmetric lanthanide octa-boron inverse sandwich complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6972-E6977.	3.3	72
72	Elucidation of the Formation Mechanisms of the Octahydrotriborate Anion (B ₃ H ₈) through the Nucleophilicity of the B-H Bond. <i>Journal of the American Chemical Society</i> , 2018, 140, 6718-6726.	6.6	68

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73	Probing the interaction between the encapsulated water molecule and the fullerene cages in $H_2O@C_{60}^+$ and $H_2O@C_{59}N^+$. <i>Chemical Science</i> , 2018, 9, 5666-5671.	3.7	20
74	Recent Progress on the investigations of boron clusters and boron-based materials (I): borophene. <i>Scientia Sinica Chimica</i> , 2018, 48, 98-107.	0.2	12
75	Photodetachment spectroscopy and resonant photoelectron imaging of cryogenically-cooled deprotonated 2-hydroxypyrimidine anions. <i>Journal of Molecular Spectroscopy</i> , 2017, 332, 86-93.	0.4	15
76	B_{26}^+ : The smallest planar boron cluster with a hexagonal vacancy and a complicated potential landscape. <i>Chemical Physics Letters</i> , 2017, 683, 336-341.	1.2	48
77	Planar B_{38}^+ and B_{37}^+ clusters with a double-hexagonal vacancy: molecular motifs for borophenes. <i>Nanoscale</i> , 2017, 9, 4550-4557.	2.8	76
78	Conformation-selective resonant photoelectron imaging from dipole-bound states of cold 3-hydroxyphenoxide. <i>Journal of Chemical Physics</i> , 2017, 147, 013910.	1.2	22
79	PrB_7^+ : A Praseodymium-Doped Boron Cluster with a Pr^{II} Center Coordinated by a Doubly Aromatic Planar I_7^+ Ligand. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6916-6920.	7.2	63
80	PrB_7^+ : A Praseodymium-Doped Boron Cluster with a Pr^{II} Center Coordinated by a Doubly Aromatic Planar I_7^+ Ligand. <i>Angewandte Chemie</i> , 2017, 129, 7020-7024.	1.6	13
81	Bismuth-Boron Multiple Bonding in BiB_2O^+ and Bi_2BO^+ . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9551-9555.	7.2	27
82	Recent progresses of global minimum searches of nanoclusters with a constrained Basin-Hopping algorithm in the TGMIn program. <i>Computational and Theoretical Chemistry</i> , 2017, 1107, 57-65.	1.1	80
83	Observation of a metal-centered $B_2-Ta@B_{18}^+$ tubular molecular rotor and a perfect $Ta@B_{20}^+$ boron drum with the record coordination number of twenty. <i>Chemical Communications</i> , 2017, 53, 1587-1590.	2.2	114
84	Probing the Structures of Neutral B_{11} and B_{12} Using High-Resolution Photoelectron Imaging of B_{11}^+ and B_{12}^+ . <i>Journal of Physical Chemistry C</i> , 2017, 121, 10752-10759.	1.5	18
85	From planar boron clusters to borophenes and metallaborophenes. <i>Nature Reviews Chemistry</i> , 2017, 1, .	13.8	169
86	$Nb_2@Au_6$: a molecular wheel with a short $Nb\equiv Nb$ triple bond coordinated by an Au_6 ring and reinforced by f aromaticity. <i>Chemical Science</i> , 2017, 8, 7528-7536.	3.7	16
87	Observation of Excited Quadrupole-Bound States in Cold Anions. <i>Physical Review Letters</i> , 2017, 119, 023002.	2.9	38
88	B_{33}^+ and B_{34}^+ : Aromatic Planar Boron Clusters with a Hexagonal Vacancy. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4546-4551.	1.0	41
89	High-Resolution Photoelectron Imaging of Cryogenically-Cooled $C_{59}N^+$ and $(C_{59}N)_2^+$ Azafullerene Anions. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 6220-6225.	2.1	7
90	Bismuth-Boron Multiple Bonding in Bi_2O^+ and Bi_2B^+ . <i>Angewandte Chemie</i> , 2017, 129, 9679-9683.	1.6	5

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91	Resonant photoelectron imaging of deprotonated uracil anion via vibrational levels of a dipole-bound excited state. <i>Chemical Physics</i> , 2017, 482, 374-383.	0.9	28
92	Probing the Structural Evolution of Gold-Aluminum Bimetallic Clusters (Au ₂ Al _n) ⁺ , (n = 3-11) Using Photoelectron Spectroscopy and Theoretical Calculations. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18234-18243.	1.5	18
93	Frontispiz: The Planar CoB ₁₈ ⁺ Cluster as a Motif for Metallo-Borophenes. <i>Angewandte Chemie</i> , 2016, 128, .	1.6	1
94	The Planar CoB ₁₈ ⁺ Cluster as a Motif for Metallo-Borophenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7358-7363.	7.2	90
95	Frontispiece: The Planar CoB ₁₈ ⁺ Cluster as a Motif for Metallo-Borophenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	7.2	0
96	Hollow Gold Cages and Their Topological Relationship to Dual Fullerenes. <i>Chemistry - A European Journal</i> , 2016, 22, 8823-8834.	1.7	17
97	Hollow Gold Cages and Their Topological Relationship to Dual Fullerenes. <i>Chemistry - A European Journal</i> , 2016, 22, 8709-8709.	1.7	0
98	A combined photoelectron spectroscopy and relativistic <i>ab initio</i> studies of the electronic structures of UFO and UFO ⁺ . <i>Journal of Chemical Physics</i> , 2016, 144, 084309.	1.2	4
99	Probing the electronic structure and Au-C chemical bonding in AuCn ⁺ and AuCnH ⁺ (n = 2, 4, and 6) using high-resolution photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2016, 145, 064304.	1.2	18
100	Observation and characterization of the smallest borospherene, B ₂₈ ⁺ and B ₂₈ . <i>Journal of Chemical Physics</i> , 2016, 144, 064307.	1.2	141
101	Time-resolved photoelectron spectroscopy of a dinuclear Pt(II) complex: Tunneling autodetachment from both singlet and triplet excited states of a molecular dianion. <i>Journal of Chemical Physics</i> , 2016, 144, 054305.	1.2	17
102	Manganese-centered tubular boron cluster MnB ₁₆ ⁺ : A new class of transition-metal molecules. <i>Journal of Chemical Physics</i> , 2016, 144, 154310.	1.2	107
103	Probing the structures of gold-aluminum alloy clusters Au _x Al _y ⁺ : a joint experimental and theoretical study. <i>Nanoscale</i> , 2016, 8, 9805-9814.	2.8	24
104	Catalyst design based on agostic interactions: synthesis, characterization, and catalytic activity of bis(pyrazolyl)borate copper complexes. <i>Dalton Transactions</i> , 2016, 45, 10194-10199.	1.6	19
105	Second-Order Nonlinear Optical Scattering Properties of Phosphine-Protected Au ₂₀ Clusters. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 10500-10506.	1.8	14
106	Diphosphine-Protected Au ₂₂ Nanoclusters on Oxide Supports Are Active for Gas-Phase Catalysis without Ligand Removal. <i>Nano Letters</i> , 2016, 16, 6560-6567.	4.5	88
107	Competition between quasi-planar and cage-like structures in the B ₂₉ ⁺ cluster: photoelectron spectroscopy and <i>ab initio</i> calculations. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29147-29155.	1.3	85
108	Competition between drum and quasi-planar structures in RhB ₁₈ ⁺ : motifs for metallo-boronotubes and metallo-borophenes. <i>Chemical Science</i> , 2016, 7, 7020-7027.	3.7	97

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109	Structural Evolution of Core-Shell Gold Nanoclusters: Au _n ⁺ (<i>n</i> = 42-50). ACS Nano, 2016, 10, 10013-10022.	7.3	36
110	Polymorphism of Phosphine-Protected Gold Nanoclusters: Synthesis and Characterization of a New 22-Gold-Atom Cluster. Small, 2016, 12, 2518-2525.	5.2	33
111	All-Metal Antiaromaticity in Sb ₄ -Type Lanthanocene Anions. Angewandte Chemie - International Edition, 2016, 55, 5531-5535.	7.2	59
112	Beyond organic chemistry: aromaticity in atomic clusters. Physical Chemistry Chemical Physics, 2016, 18, 11589-11605.	1.3	111
113	Probing the Electronic Structure and Chemical Bonding of Mono-Uranium Oxides with Different Oxidation States: UO _x ⁺ and UO _x (<i>x</i> = 3-5). Journal of Physical Chemistry A, 2016, 120, 1084-1096.	1.1	29
114	Photoelectron spectroscopy of size-selected boron clusters: from planar structures to borophenes and borospherenes. International Reviews in Physical Chemistry, 2016, 35, 69-142.	0.9	253
115	Photoelectron Spectroscopy of BiAu ⁺ and BiBO ⁺ : Further Evidence of the Analogy between Au and Boronyl. Journal of Physical Chemistry B, 2016, 120, 1635-1640.	1.2	17
116	Bond-bending isomerism of Au ₂ I ₃ ⁺ : competition between covalent bonding and auriphilicity. Chemical Science, 2016, 7, 475-481.	3.7	16
117	Communication: Observation of dipole-bound state and high-resolution photoelectron imaging of cold acetate anions. Journal of Chemical Physics, 2015, 142, 091103.	1.2	24
118	Vibrational state-selective autodetachment photoelectron spectroscopy from dipole-bound states of cold 2-hydroxyphenoxide: o ⁻ HO(C ₆ H ₄)O ⁻ . Journal of Chemical Physics, 2015, 142, 124309.	1.2	29
119	Perspective: Electrospray photoelectron spectroscopy: From multiply-charged anions to ultracold anions. Journal of Chemical Physics, 2015, 143, 040901.	1.2	63
120	B ₂₇ ⁻ : Appearance of the smallest planar boron cluster containing a hexagonal vacancy. Journal of Chemical Physics, 2015, 142, 204305.	1.2	60
121	Probing the vibrational spectroscopy of the deprotonated thymine radical by photodetachment and state-selective autodetachment photoelectron spectroscopy via dipole-bound states. Chemical Science, 2015, 6, 3129-3138.	3.7	33
122	Experimental and Theoretical Evidence of an Axially Chiral Borospherene. ACS Nano, 2015, 9, 754-760.	7.3	228
123	Vibrational State-Selective Resonant Two-Photon Photoelectron Spectroscopy of AuS ⁺ via a Spin-Forbidden Excited State. Journal of Physical Chemistry Letters, 2015, 6, 637-642.	2.1	22
124	On the gold-ligand covalency in linear [AuX ₂] ⁺ complexes. Dalton Transactions, 2015, 44, 5535-5546.	1.6	27
125	Photoelectron spectroscopy and theoretical studies of gaseous uranium hexachlorides in different oxidation states: UCl ₆ ^{q+} (<i>q</i> = 0-2). Journal of Chemical Physics, 2015, 142, 134308.	1.2	30
126	Conformation-Selective Resonant Photoelectron Spectroscopy via Dipole-Bound States of Cold Anions. Journal of Physical Chemistry Letters, 2015, 6, 2153-2157.	2.1	25

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127	Cobalt-centred boron molecular drums with the highest coordination number in the CoB ₁₆ ⁺ cluster. <i>Nature Communications</i> , 2015, 6, 8654.	5.8	192
128	Communication: Vibrationally resolved photoelectron spectroscopy of the tetracyanoquinodimethane (TCNQ) anion and accurate determination of the electron affinity of TCNQ. <i>Journal of Chemical Physics</i> , 2015, 143, 221102.	1.2	34
129	Probing the electronic and vibrational structure of Au ₂ Al ₂ ⁺ and Au ₂ Al ₂ using photoelectron spectroscopy and high resolution photoelectron imaging. <i>Journal of Chemical Physics</i> , 2014, 141, 224309.	1.2	8
130	High resolution photoelectron imaging of UO ⁺ and UO ₂ ⁺ and the low-lying electronic states and vibrational frequencies of UO and UO ₂ . <i>Journal of Chemical Physics</i> , 2014, 141, 244302.	1.2	17
131	The design and construction of a high-resolution velocity-map imaging apparatus for photoelectron spectroscopy studies of size-selected clusters. <i>Review of Scientific Instruments</i> , 2014, 85, 083106.	0.6	131
132	Probing the electronic structure and Au-C chemical bonding in AuC ₂ ⁺ and AuC ₂ using high-resolution photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2014, 140, 084303.	1.2	26
133	[B ₃₀] ⁺ : A Quasiplanar Chiral Boron Cluster. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5540-5545.	7.2	144
134	Strong electron correlation in UO ₂ ⁺ : A photoelectron spectroscopy and relativistic quantum chemistry study. <i>Journal of Chemical Physics</i> , 2014, 140, 094306.	1.2	29
135	Planar hexagonal B ₃₆ as a potential basis for extended single-atom layer boron sheets. <i>Nature Communications</i> , 2014, 5, 3113.	5.8	645
136	Synthesis and Structure Determination of a New Au ₂₀ Nanocluster Protected by Tripodal Tetraphosphine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 3932-3934.	1.9	78
137	High-resolution photoelectron imaging of cold C_{60}^- anions and accurate determination of the electron affinity of C ₆₀ . <i>Journal of Chemical Physics</i> , 2014, 140, 224315.	1.2	90
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