

Kit H Bowen

List of Publications by Year in descending order

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145
papers

3,720
citations

117625

34
h-index

168389

53
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149
all docs

149
docs citations

149
times ranked

2924
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of Th with H ^{0/+} : Combined Experimental and Theoretical Thermodynamic Properties. <i>Journal of Physical Chemistry A</i> , 2022, 126, 198-210.	2.5	9
2	Molecular-level electrocatalytic CO ₂ reduction reaction mediated by single platinum atoms. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4226-4231.	2.8	3
3	ThAu ₂ ⁻ , ThAu ₂ O ⁻ , and ThAuOH ⁻ anions: Photoelectron spectroscopic and theoretical characterization. <i>Journal of Chemical Physics</i> , 2022, 156, 054305.	3.0	2
4	Photoelectron Spectroscopic and Computational Study of the Deprotonated Gallic Acid and Propyl Gallate Anions. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 1355-1361.	2.8	1
5	Molecular Properties of Thorium Hydrides: Electron Affinities and Thermochemistry. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2388-2396.	2.5	3
6	The gas phase reaction of iridium and iridium carbide anions with 2-hydroxyethylhydrazine (HEH). <i>International Journal of Mass Spectrometry</i> , 2022, , 116875.	1.5	0
7	Experimental and Computational Description of the Interaction of H and H ⁺ with U. <i>Journal of Physical Chemistry A</i> , 2022, 126, 4432-4443.	2.5	5
8	ThH 5 : An Actinide-Containing Superhalogen Molecule. <i>ChemPhysChem</i> , 2021, 22, 5-8.	2.1	4
9	Ligated aluminum cluster anions, LAl _n ⁻ (n = 14, L =) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 T</i>	2.8	0
10	CO ₂ Activation and Hydrogenation by Palladium Hydride Cluster Anions. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1747-1753.	2.5	10
11	Anionic Activation of CO ₂ via (M _n) ⁻ CO ₂ ⁻ Complex on Magic-Numbered Anionic Coinage Metal Clusters M _n ⁻ (M =) <i>Tj ETQq1 1 0.784314 rgBT</i>	2.5	4
12	Photoelectron Spectroscopic and <i>ab Initio</i> Computational Studies of the Anion, HThO ⁻ . <i>Journal of Physical Chemistry A</i> , 2021, 125, 1903-1909.	2.5	2
13	Thermal Decomposition of Dimethyl Methylphosphonate on Size-Selected Clusters: A Comparative Study between Copper Metal and Cupric Oxide Clusters. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11348-11358.	3.1	7
14	The electron affinity of the uranium atom. <i>Journal of Chemical Physics</i> , 2021, 154, 224307.	3.0	13
15	Electrophilic Properties of 2-Deoxyadenosine-Thymine Dimer: Photoelectron Spectroscopy and DFT Studies. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6591-6599.	2.5	0
16	Study of the Reaction of Hydroxylamine with Iridium Atomic and Cluster Anions (n = 1-5). <i>Journal of Physical Chemistry A</i> , 2021, 125, 5922-5932.	2.5	6
17	A Combined Theoretical and Photoelectron Spectroscopy Study of Al ₃ H _n ⁻ (n = 1-9) clusters. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 1840-1848.	1.2	0
18	Photoelectron Spectroscopic Study of Ascorbate and Deprotonated Ascorbate Anions Using an Electrospray Ion Source and a Cryogenically Cooled Ion Trap. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7699-7704.	2.5	2

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19	Trapping of H ₂ ⁺ in aluminum hydride, Al ₄ H ₁₄ ⁺ . Journal of Chemical Physics, 2021, 155, 121101.	3.0	1
20	Metal–Metal Bonding in Actinide Dimers: U ₂ and U ₂ ⁺ . Journal of the American Chemical Society, 2021, 143, 17023-17028.	13.7	11
21	Adsorption and Decomposition of Dimethyl Methylphosphonate on Size-Selected Zirconium Oxide Trimer Clusters. Journal of Physical Chemistry C, 2021, 125, 23688-23698.	3.1	5
22	Gas-phase CO ₂ activation with single electrons, metal atoms, clusters, and molecules. Journal of Energy Chemistry, 2021, 63, 130-137.	12.9	9
23	Th ₂ O ⁺ , Th ₂ Au ⁺ , and Th ₂ AuO _{1,2} ⁺ Anions: Photoelectron Spectroscopic and Computational Characterization of Energetics and Bonding. Journal of Physical Chemistry A, 2021, 125, 258-271.	2.5	8
24	Outlaw Dipole-Bound Anions of Intra-Molecular Complexes. Journal of the American Chemical Society, 2020, 142, 2001-2011.	13.7	12
25	Mapping the Electronic Structure of the Uranium(VI) Dinitride Molecule, UN ₂ . Journal of Physical Chemistry A, 2020, 124, 6486-6492.	2.5	8
26	Photoelectron spectroscopic study of dipole-bound and valence-bound nitromethane anions formed by Rydberg electron transfer. Journal of Chemical Physics, 2020, 153, 044307.	3.0	18
27	Magic Clusters PtMg _{2,3} H ₅ ⁺ Facilitated by Local π -Aromaticity. ChemPhysChem, 2020, 21, 2388-2391.	2.1	0
28	Simultaneous Functionalization of Methane and Carbon Dioxide Mediated by Single Platinum Atomic Anions. Journal of the American Chemical Society, 2020, 142, 21556-21561.	13.7	24
29	Reply to the Comment on Realization of Lewis Basic Sodium Anion in the NaBH ₃ ⁺ Cluster. Angewandte Chemie, 2020, 132, 8840-8844.	2.0	11
30	Excess electrons bound to H ₂ S trimer and tetramer clusters. Physical Chemistry Chemical Physics, 2020, 22, 3273-3280.	2.8	4
31	Reply to the Comment on Realization of Lewis Basic Sodium Anion in the NaBH ₃ ⁺ Cluster. Angewandte Chemie - International Edition, 2020, 59, 8760-8764.	13.8	21
32	Boron-Made N ₂ : Realization of a B–B Triple Bond in the B ₂ Al ₃ ⁺ Cluster. Chemistry - A European Journal, 2020, 26, 8017-8021.	3.3	12
33	CO ₂ Hydrogenation to Formate and Formic Acid by Bimetallic Palladium–Copper Hydride Clusters. Journal of the American Chemical Society, 2020, 142, 7930-7936.	13.7	79
34	Electron Binding Energy Spectra of Al _n Mo ⁺ Clusters: Measurements, Calculations, and Theoretical Analysis. Journal of Physical Chemistry C, 2019, 123, 7810-7817.	3.1	5
35	Observation of the dipole- and quadrupole-bound anions of 1,4-dicyanocyclohexane. Physical Chemistry Chemical Physics, 2019, 21, 18310-18315.	2.8	20
36	Realization of Lewis Basic Sodium Anion in the NaBH ₃ ⁺ Cluster. Angewandte Chemie - International Edition, 2019, 58, 13789-13793.	13.8	46

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37	Realization of Lewis Basic Sodium Anion in the NaBH ₃ ⁻ Cluster. <i>Angewandte Chemie</i> , 2019, 131, 13927-13931.	2.0	17
38	Stable Parent Anions of Dopamine and Adrenaline: A New Form of Neurotransmitters. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7695-7699.	2.6	9
39	Ligand Effect on the Electronic Structure of Cobalt Sulfide Clusters: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25121-25127.	3.1	13
40	The ground state, quadrupole-bound anion of succinonitrile revisited. <i>Journal of Chemical Physics</i> , 2019, 151, 101101.	3.0	12
41	Tuning the electronic properties of hexanuclear cobalt sulfide superatoms <i>via</i> ligand substitution. <i>Chemical Science</i> , 2019, 10, 1760-1766.	7.4	24
42	Spectroscopic Measurement of a Halogen Bond Energy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11400-11403.	13.8	17
43	Spectroscopic Measurement of a Halogen Bond Energy. <i>Angewandte Chemie</i> , 2019, 131, 11522-11525.	2.0	3
44	The metallo-formate anions, M(CO ₂) ⁻ , M = Ni, Pd, Pt, formed by electron-induced CO ₂ activation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10955-10960.	2.8	22
45	The correlation-bound anion of <i>p</i> -chloroaniline. <i>Journal of Chemical Physics</i> , 2019, 150, 161103.	3.0	10
46	Intramolecular electron-induced proton transfer and its correlation with excited-state intramolecular proton transfer. <i>Nature Communications</i> , 2019, 10, 1170.	12.8	33
47	Selective Activation of the C-H Bond in Methane by Single Platinum Atomic Anions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7773-7777.	13.8	27
48	Selective Activation of the C-H Bond in Methane by Single Platinum Atomic Anions. <i>Angewandte Chemie</i> , 2019, 131, 7855-7859.	2.0	11
49	Activation of hydroxylamine by single gold atomic anions. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 114-117.	1.5	8
50	Dipole-Bound Anions of Intramolecular Complexes. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1284-1289.	4.6	24
51	Electronic Transmutation (ET): Chemically Turning One Element into Another. <i>Chemistry - A European Journal</i> , 2018, 24, 9200-9210.	3.3	21
52	Adsorption and decomposition of dimethyl methylphosphonate on size-selected (MoO ₃) ₃ clusters. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4840-4850.	2.8	21
53	Combined TPD and XPS Study of Ligation and Decomposition of 1,6-Hexanedithiol on Size-Selected Copper Clusters Supported on HOPG. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2173-2183.	3.1	7
54	Communication: Water activation and splitting by single metal-atom anions. <i>Journal of Chemical Physics</i> , 2018, 149, 221101.	3.0	22

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55	Frontispiece: Electronic Transmutation (ET): Chemically Turning One Element into Another. Chemistry - A European Journal, 2018, 24, .	3.3	0
56	Realization of an Al ₃ Al Triple Bond in the Gas-Phase Na ₃ Al ₂ ⁺ Cluster via Double Electronic Transmutation. Angewandte Chemie - International Edition, 2018, 57, 14060-14064.	13.8	29
57	Mechanistic Studies of [AlCp*] ₄ Combustion. Inorganic Chemistry, 2018, 57, 8181-8188.	4.0	4
58	Adsorption and Decomposition of DMMP on Size-Selected (WO ₃) ₃ Clusters. ChemistrySelect, 2018, 3, 3718-3721.	1.5	13
59	Realization of an Al ₃ Al Triple Bond in the Gas-Phase Na ₃ Al ₂ ⁺ Cluster via Double Electronic Transmutation. Angewandte Chemie, 2018, 130, 14256-14260.	2.0	12
60	Polarization of electrostatic charge in neutral Ag-Au alloy clusters. Chemical Physics Letters, 2018, 709, 7-10.	2.6	2
61	Dipole-bound anions: formed by Rydberg electron transfer (RET) and studied by velocity map imaging-anion photoelectron spectroscopy (VMI-aPES). European Physical Journal D, 2018, 72, 1.	1.3	25
62	SmB ₆ ⁻ Cluster Anion: Covalency Involving f Orbitals. Journal of Physical Chemistry A, 2017, 121, 1849-1854.	2.5	40
63	Thermal desorption of dimethyl methylphosphonate from MoO ₃ . Journal of Lithic Studies, 2017, 3, 112-118.	0.5	19
64	Identifying the Hydrogenated Planar Tetracoordinate Carbon: A Combined Experimental and Theoretical Study of CAl ₄ H and CAl ₄ H ⁺ . Journal of Physical Chemistry Letters, 2017, 8, 2263-2267.	4.6	72
65	Low-Overpotential Electroreduction of Carbon Monoxide Using Copper Nanowires. ACS Catalysis, 2017, 7, 4467-4472.	11.2	137
66	Ab initio study on anomalous structures of anionic [(N-heterocycle)-CO ₂] ⁻ complexes. Journal of Chemical Physics, 2017, 146, 134304.	3.0	4
67	Designer Metallic Acceptor-Containing Halogen Bonds: General Strategies. Chemistry - A European Journal, 2017, 23, 5439-5442.	3.3	4
68	Sb@Ni ₁₂ @Sb ₂₀ ^{+/+} and Sb@Pd ₁₂ @Sb ₂₀ ⁿ Cluster Anions, Where <i>n</i> = +1, ¹ , ³ , ⁴ : Multi-Oxidation-State Clusters of Interpenetrating Platonic Solids. Journal of the American Chemical Society, 2017, 139, 619-622.	13.7	48
69	Self-assembly of (WO ₃) ₃ clusters on a highly oriented pyrolytic graphite surface and nanowire formation: a combined experimental and theoretical study. Physical Chemistry Chemical Physics, 2017, 19, 31168-31176.	2.8	8
70	The Existence of a Designer Al=Al Double Bond in the LiAl ₂ H ₄ ⁺ Cluster Formed by Electronic Transmutation. Angewandte Chemie - International Edition, 2017, 56, 16593-16596.	13.8	24
71	Stabilizing Otherwise Unstable Anions with Halogen Bonding. Angewandte Chemie, 2017, 129, 10029-10032.	2.0	8
72	Photoelectron Spectroscopic and Computational Study of Pyridine-Ligated Gold Cluster Anions. Journal of Physical Chemistry A, 2017, 121, 5817-5822.	2.5	18

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73	Mystery of Three Borides: Differential Metal-Boron Bonding Governing Superhard Structures. <i>Chemistry of Materials</i> , 2017, 29, 9892-9896.	6.7	45
74	The Existence of a Designer Al=Al Double Bond in the LiAl ₂ H ₄ ⁻ Cluster Formed by Electronic Transmutation. <i>Angewandte Chemie</i> , 2017, 129, 16820-16823.	2.0	10
75	Borane-Aluminum Surface Interactions: Enhanced Fracturing and Generation of Boron-Aluminum Core-Shell Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14176-14190.	3.1	8
76	Stabilizing Otherwise Unstable Anions with Halogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9897-9900.	13.8	21
77	Enormous Hydrogen Bond Strength Enhancement through π -Conjugation Gain: Implications for Enzyme Catalysis. <i>Biochemistry</i> , 2017, 56, 4318-4322.	2.5	8
78	A photoelectron spectroscopic and computational study of the <i>o</i> -dicarbadodecaborane parent anion. <i>Journal of Chemical Physics</i> , 2016, 144, 224311.	3.0	5
79	Low oxidation state aluminum-containing cluster anions: Cp ⁻ -Al _n H _n ⁻ , n = 1-3. <i>Journal of Chemical Physics</i> , 2016, 145, 074305.	3.0	5
80	CO ₂ Activation and Hydrogenation by PtH _n ⁻ Cluster Anions. <i>Angewandte Chemie</i> , 2016, 128, 9796-9799.	2.0	28
81	Photoelectron spectroscopic study of carbon aluminum hydride cluster anions. <i>Journal of Chemical Physics</i> , 2016, 145, 154305.	3.0	10
82	Excess Electron Attachment to the Nucleoside Pair 2-Deoxyadenosine (dA)-2-Deoxythymidine (dT). <i>Journal of Physical Chemistry B</i> , 2016, 120, 4955-4962.	2.6	4
83	Oxidation and decomposition mechanisms of air sensitive aluminum clusters at high heating rates. <i>Chemical Physics Letters</i> , 2016, 661, 168-172.	2.6	2
84	Aluminum hydride cluster cations: A mass spectrometric and computational study. <i>International Journal of Mass Spectrometry</i> , 2016, 408, 56-61.	1.5	8
85	CO ₂ Activation and Hydrogenation by PtH _n ⁻ Cluster Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9644-9647.	13.8	70
86	The onset of electron-induced proton-transfer in hydrated azabenzene cluster anions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 704-712.	2.8	14
87	Negative ion properties of trans-2,2,6,6-tetrafluoroazobenzene: Experiment and theory. <i>Journal of Chemical Physics</i> , 2015, 143, 114303.	3.0	0
88	Carbon dioxide is tightly bound in the [Co(Pyridine)(CO ₂)] ⁻ anionic complex. <i>Journal of Chemical Physics</i> , 2015, 143, 184315.	3.0	12
89	Photoelectron spectroscopic and computational study of (M-CO ₂) ⁻ anions, M = Cu, Ag, Au. <i>Journal of Chemical Physics</i> , 2015, 143, 174305.	3.0	45
90	Photoelectron spectroscopic and theoretical study of the [HPd(η -2-H ₂)] ⁻ cluster anion. <i>Journal of Chemical Physics</i> , 2015, 143, 094307.	3.0	21

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91	Ab initio and anion photoelectron study of Au _n Rh _m (n = 1–7, m = 1–2) clusters. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28219-28227.	2.8	10
92	Importance of Time Scale and Local Environment in Electron-Driven Proton Transfer. The Anion of Acetoacetic Acid. <i>Journal of the American Chemical Society</i> , 2015, 137, 14329-14340.	13.7	11
93	Parent Anions of Iron, Manganese, and Nickel Tetraphenyl Porphyrins: Photoelectron Spectroscopy and Computations. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8643-8646.	2.5	5
94	CO ₂ binding in the (quinoline-CO ₂) ⁻ anionic complex. <i>Journal of Chemical Physics</i> , 2015, 142, 234307.	3.0	12
95	Photoelectron spectra and structure of the Mn _n ⁻ anions (n = 2–16). <i>Journal of Chemical Physics</i> , 2015, 143, 044306.	3.0	15
96	Photoelectron spectrum of a polycyclic aromatic nitrogen heterocyclic anion: quinoline ⁻ . <i>Molecular Physics</i> , 2015, 113, 2095-2098.	1.7	7
97	Aluminum chain in Li ₂ Al ₃ H ₈ ⁻ as suggested by photoelectron spectroscopy and ab initio calculations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26079-26083.	2.8	32
98	Photoelectron spectroscopy of boron aluminum hydride cluster anions. <i>Journal of Chemical Physics</i> , 2014, 140, 164317.	3.0	21
99	The PtAl ⁻ and PtAl ₂ ⁻ anions: Theoretical and photoelectron spectroscopic characterization. <i>Journal of Chemical Physics</i> , 2014, 140, 164316.	3.0	12
100	Communication: Remarkable electrophilicity of the oxalic acid monomer: An anion photoelectron spectroscopy and theoretical study. <i>Journal of Chemical Physics</i> , 2014, 140, 221103.	3.0	12
101	The viability of aluminum Zintl anion moieties within magnesium-aluminum clusters. <i>Journal of Chemical Physics</i> , 2014, 140, 124309.	3.0	35
102	Valence Anions of DNA-Related Systems in the Gas Phase: Computational and Anion Photoelectron Spectroscopy Studies. , 2014, , 323-392.		2
103	Aluminum Zintl anion moieties within sodium aluminum clusters. <i>Journal of Chemical Physics</i> , 2014, 140, 054301.	3.0	37
104	Catalytic Dehydration of 2-Propanol by Size-Selected (WO ₃) _n and (MoO ₃) _n Metal Oxide Clusters. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29278-29286.	3.1	32
105	PtZnH ₅ ⁻ , A η^5 -Aromatic Cluster. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1596-1601.	4.6	52
106	Photoelectron Spectroscopic and Computational Study of Hydrated Pyrimidine Anions. <i>Journal of Physical Chemistry A</i> , 2014, 118, 11901-11907.	2.5	12
107	How to Find Out Whether a 5-Substituted Uracil Could Be a Potential DNA Radiosensitizer. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2853-2857.	4.6	59
108	Ab initio and anion photoelectron studies of Rh _n (n = 1–9) clusters. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	31

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109	On the Existence of Designer Magnetic Superatoms. <i>Journal of the American Chemical Society</i> , 2013, 135, 4856-4861.	13.7	108
110	Photoelectron spectroscopy of the aluminum hydride anions: AlH_2^- , AlH_3^- , Al_2H_6^- , Al_3H_9^- , and $\text{Al}_4\text{H}_{12}^-$. <i>Journal of Chemical Physics</i> , 2013, 138, 124303.	3.0	25
111	Combined photoelectron, collision-induced dissociation, and computational studies of parent and fragment anions of N-paranitrophenylsulfonylalanine and N-paranitrophenylalanine. <i>Journal of Chemical Physics</i> , 2013, 139, 224308.	3.0	0
112	$\text{K}[\text{Al}_4(\text{PPh}_2)_7\text{PPh}]$: An Al_{11} Phosphanide / Phosphinidene Intermediate on the Path to AlP Formation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2558-2560.	1.2	6
113	Evolution of superhalogen properties in PtCl_n clusters. <i>Journal of Chemical Physics</i> , 2012, 136, 194305.	3.0	18
114	Photoelectron spectroscopic and computational studies of the Pt@Pb_{101} - and $\text{Pt@Pb}_{121}/2$ - anions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14757-14762.	7.1	23
115	Photoelectron spectroscopic study of iron-pyrene cluster anions. <i>Journal of Chemical Physics</i> , 2011, 135, 204301.	3.0	6
116	Barrier-free proton transfer induced by electron attachment to the complexes between $1\text{-}\epsilon\text{-methylcytosine}$ and formic acid. <i>Molecular Physics</i> , 2010, 108, 2621-2631.	1.7	7
117	Communications: Chain and double-ring polymeric structures: Observation of $\text{Al}_n\text{H}_{3n+1}^-$ ($n=4-8$) and $\text{Al}_4\text{H}_{14}^-$. <i>Journal of Chemical Physics</i> , 2010, 132, 241103.	3.0	28
118	Electronic structure and properties of isoelectronic magic clusters: Al_{13}X^- ($\text{X}=\text{H}, \text{Au}, \text{Li}, \text{Na}, \text{K}, \text{Rb}, \text{Cs}$). <i>Journal of Chemical Physics</i> , 2010, 133, 124308.	3.0	40
119	Stable Valence Anions of Nucleic Acid Bases and DNA Strand Breaks Induced by Low Energy Electrons. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2008, , 619-667.	0.6	15
120	Photoelectron spectrum of valence anions of uracil and first-principles calculations of excess electron binding energies. <i>Journal of Chemical Physics</i> , 2008, 129, 054309.	3.0	40
121	Electron-Driven Acid-Base Chemistry: Proton Transfer from Hydrogen Chloride to Ammonia. <i>Science</i> , 2008, 319, 936-939.	12.6	73
122	Photoelectron spectroscopy of hydrated adenine anions. <i>Journal of Chemical Physics</i> , 2007, 127, 224309.	3.0	37
123	Intrinsic electrophilic properties of nucleosides: Photoelectron spectroscopy of their parent anions. <i>Journal of Chemical Physics</i> , 2007, 127, 084321.	3.0	55
124	Valence Anions in Complexes of Adenine and 9-Methyladenine with Formic Acid: H^+ Stabilization by Intermolecular Proton Transfer. <i>Journal of the American Chemical Society</i> , 2007, 129, 1216-1224.	13.7	37
125	Intermolecular proton transfer induced by excess electron attachment to adenine(formic acid) $_n$ ($n=2$), <i>Tj ETQq1 1 0.784314 rrgBT /Over</i>	1.9	20
126	Mn_n^- clusters: Size-induced transition to half metallicity. <i>Physical Review B</i> , 2006, 74, .	3.2	31

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127	Photoelectron spectroscopy of nickel-benzene cluster anions. Journal of Chemical Physics, 2005, 122, 044306.	3.0	32
128	Barrier-free intermolecular proton transfer induced by excess electron attachment to the complex of alanine with uracil. Journal of Chemical Physics, 2004, 120, 6064-6071.	3.0	55
129	Dipole-bound anions of highly polar molecules: Ethylene carbonate and vinylene carbonate. Journal of Chemical Physics, 2004, 120, 685-690.	3.0	63
130	Barrier-free proton transfer in anionic complex of thymine with glycine. Physical Chemistry Chemical Physics, 2004, 6, 4351-4357.	2.8	49
131	Effect of Hydrogen Bonding on Barrier-Free Proton Transfer in Anionic Complexes of Uracil with Weak Acids: $(U \cdot HCN)^-$ versus $(U \cdot H_2S)^-$. Israel Journal of Chemistry, 2004, 44, 157-170.	2.3	28
132	Zwitterion formation in hydrated amino acid, dipole bound anions: How many water molecules are required?. Journal of Chemical Physics, 2003, 119, 10696-10701.	3.0	182
133	Anion solvation at the microscopic level: Photoelectron spectroscopy of the solvated anion clusters, $NO^-(Y)_n$, where $Y=Ar, Kr, Xe, N_2O, H_2S, NH_3, H_2O$, and $C_2H_4(OH)_2$. Journal of Chemical Physics, 2002, 116, 7926-7938.	3.0	39
134	Photoelectron spectroscopy of naphthalene cluster anions. Journal of Chemical Physics, 2002, 116, 4477-4481.	3.0	50
135	Onset of Metallic Behavior in Magnesium Clusters. Physical Review Letters, 2002, 89, 213403.	7.8	142
136	Magic numbers in copper-doped aluminum cluster anions. Journal of Chemical Physics, 2001, 114, 5514-5519.	3.0	99
137	Solvent-induced stabilization of the naphthalene anion by water molecules: A negative cluster ion photoelectron spectroscopic study. Journal of Chemical Physics, 2000, 112, 6643-6648.	3.0	65
138	Title is missing!. Journal of Cluster Science, 1999, 10, 525-532.	3.3	25
139	Using cluster studies to approach the electronic structure of bulk water: Reassessing the vacuum level, conduction band edge, and band gap of water. Journal of Chemical Physics, 1997, 107, 6023-6031.	3.0	173
140	Negative ion photoelectron spectroscopy of the ground state, dipole-bound dimeric anion, $(HF)_2^-$. Journal of Chemical Physics, 1997, 107, 2962-2967.	3.0	66
141	Vibronic effects in the photon energy-dependent photoelectron spectra of the CH_3CN^- dipole-bound anion. Journal of Chemical Physics, 1996, 104, 6976-6983.	3.0	87
142	Photoelectron spectroscopy of the solvated anion clusters $O^-(Ar)_n=1-26,34$: Energetics and structure. Journal of Chemical Physics, 1995, 102, 39-47.	3.0	69
143	Photoelectron spectroscopy of color centers in negatively charged cesium iodide nanocrystals. Journal of Chemical Physics, 1995, 102, 57-66.	3.0	21
144	Photoelectron spectroscopy of lithium hydride anion. Journal of Chemical Physics, 1994, 100, 1884-1888.	3.0	37

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145	Electron Binding Energy Spectra of Al _n Pt ^m Clusters: A Combined Experimental and Computational Study. Journal of Physical Chemistry A, 0, , .	2.5	3