Chuan-Gang Ning

List of Publications by Year
in descending order

140	2,868	159585	233421
papers	citations	30 h-index	45 g-index

143	143	143	1767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electron Affinities of Atoms and Structures of Atomic Negative Ions. Journal of Physical and Chemical Reference Data, 2022, 51, .	4.2	19
2	Dipole-bound and valence excited states of AuF anions via resonant photoelectron spectroscopy. Journal of Chemical Physics, 2021, 154, 074303.	3.0	6
3	Observation of electric-dipole transitions in the laser-cooling candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mi>Th</mml:mi></mml:mrow><mml:mo>â^’</mml:mo></mml:msup></mml:math> and its application for cooling antiprotons. Physical Review A, 2021, 103, .	2.5	15
4	Electron affinity of uranium and bound states of opposite parity in its anion. Physical Review A, 2021, 103, .	2.5	13
5	Observation of an Excited Dipole-Bound State in a Diatomic Anion. Journal of Physical Chemistry Letters, 2021, 12, 5897-5902.	4.6	16
6	A dynamical (e,2e) investigation into the ionization of pyrazine. Chemical Physics Letters, 2021, 781, 139000.	2.6	1
7	Accurate electron affinity of Ga and fine structures of its anions. Journal of Chemical Physics, 2020, 152, 114303.	3.0	10
8	High-Resolution Photoelectron Imaging and Photodetachment Spectroscopy of Cryogenically Cooled IO^{â€“}. Journal of Physical Chemistry A, 2020, 124, 5720-5726.	2.5	3
9	Electron affinity measurements of lanthanide atoms: Pr, Nd, and Tb. Physical Review A, 2020, 101, .	2.5	8
10	Vibrational and distorted-wave effects on the highest occupied molecular orbital electronics structure of tetrachloromethane. Chemical Physics, 2020, 535, 110794.	1.9	4
11	Measurement of electron affinity of iridium atom and photoelectron angular distributions of iridium anion. Journal of Chemical Physics, 2020, 152, 034302.	3.0	8
12	Accurate electron affinity of atomic cerium and excited states of its anion*. Chinese Physics B, 2020, 29, 073201.	1.4	3
13	A dynamical (e,2e) investigation into the ionization of the outermost orbitals of R-carvone. Journal of Chemical Physics, 2019, 151, 124306.	3.0	7
14	Candidate for Laser Cooling of a Negative Ion: High-Resolution Photoelectron Imaging of Thâ^’. Physical Review Letters, 2019, 123, 203002.	7.8	43
15	Measurement of electron affinity of atomic lutetium via the cryo-SEVI Method. Chinese Journal of Chemical Physics, 2019, 32, 187-192.	1.3	6
16	Measurement of the electron affinity of the lanthanum atom. Physical Review A, 2019, 99, .	2.5	13
17	Ground-State Pd Anions React with H₂ Much Faster than the Excited Pd Anions. Journal of Physical Chemistry Letters, 2019, 10, 702-706.	4.6	5
18	Double- and multi-slit interference in photodetachment from nanometer organic molecular anions. Journal of Chemical Physics, 2019, 150, 244302.	3.0	0

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19	Experimental and theoretical study of valence electronic structure of tetrabromomethane by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>e</mml:mi><mml:mo>,</mml:m electron momentum spectroscopy. Physical Review A, 2019, 99, .	2.5	4
20	Triple differential cross sections for electron-impact ionization of methane at intermediate energy. Journal of Chemical Physics, 2019, 150, 194302.	3.0	10
21	Observation of strong relativistic and distorted-wave effects in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>e</mml:mi><mml:mo>,</mml:m electron-momentum spectroscopy of mercury. Physical Review A, 2019, 99, .	2.5	4
22	Accurate electron affinity of Ti and fine structures of its anions. Journal of Chemical Physics, 2018, 149, 134304.	3.0	29
23	Electron affinity of the hafnium atom. Physical Review A, 2018, 98, .	2.5	18
24	Dynamic effects in electron momentum spectroscopy of sulfur hexafluoride. Physical Review A, 2018, 97, .	2.5	11
25	Methane Activation by Tantalum Carbide Cluster Anions Ta₂C₄^{â€“}. Journal of Physical Chemistry Letters, 2017, 8, 605-610.	4.6	48
26	Electron-impact ionization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi></mml:mrow></mml:math> at low projectile energy: Internormalized triple-differential cross sections in three-dimensional kinematics. Physical Review A, 2017, 95, .	2.5	28
27	Precision measurement of electron affinity of Zr and fine structures of its negative ions. Journal of Chemical Physics, 2017, 147, 064306.	3.0	8
28	Resonant photoelectron imaging of deprotonated uracil anion via vibrational levels of a dipole-bound excited state. Chemical Physics, 2017, 482, 374-383.	1.9	28
29	Observation of Rhenium Anion and Electron Affinity of Re. Journal of Physical Chemistry Letters, 2017, 8, 2735-2738.	4.6	17
30	Activation of Methane Promoted by Adsorption of CO on Mo₂C₂^{â^’} Cluster Anions. Angewandte Chemie - International Edition, 2016, 55, 5760-5764.	13.8	29
31	Accurate Electron Affinity of Iron and Fine Structures of Negative Iron ions. Scientific Reports, 2016, 6, 24996.	3.3	26
32	Electron impact ionization dynamics of para-benzoquinone. Journal of Chemical Physics, 2016, 145, 164306.	3.0	21
33	Accurate electron affinity of Pb and isotope shifts of binding energies of Pbâ^’. Journal of Chemical Physics, 2016, 145, 084303.	3.0	17
34	Perovskite CH₃NH₃PbI₃(Cl) Single Crystals: Rapid Solution Growth, Unparalleled Crystalline Quality, and Low Trap Density toward 10⁸ cm^{â€“3}. Journal of the American Chemical Society, 2016, 138, 9409-9412.	13.7	226
35	Precision measurement of the electron affinity of niobium. Physical Review A, 2016, 93, .	2.5	38
36	Accurate electron affinity of Co and fine-structure splittings of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msup><mml:mrow><mml:mi mathvariant="normal">o</mml:mi></mml:mrow><mml:mo>â^’</mml:mo></mml:msup></mml:mrow></mml:math>via slow-electron velocity-map imaging. Physical Review A, 2016, 93, .	2.5	18

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37	Experimental and theoretical triple-differential cross sections for tetrahydrofuran ionized by low-energy 26-eV-electron impact. Physical Review A, 2016, 93, .	2.5	9
38	Comparison of experimental and theoretical triple differential cross sections for the single ionization ofCO2Â(1Ï€g)by electron impact. Physical Review A, 2016, 93, .	2.5	4
39	Ionisation differential cross section measurements for N₂at low incident energy in coplanar and non-coplanar geometries. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 195202.	1.5	3
40	Sulphur hexaflouride: low energy (e,2e) experiments and molecular three-body distorted wave theory. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 195203.	1.5	1
41	Accurate electron affinity of V and fine-structure splittings of Vâ¯ via slow-electron velocity-map imaging. Journal of Chemical Physics, 2016, 145, 164307.	3.0	18
42	Activation of Methane Promoted by Adsorption of CO on Mo₂C₂^{â¯} Cluster Anions. Angewandte Chemie, 2016, 128, 5854-5858.	2.0	6
43	Electron-impact ionization-excitation of the neon valence shell studied by high-resolution electron-momentum spectroscopy. Physical Review A, 2015, 92, .	2.5	3
44	Comparison of experimental and theoretical electron-impact-ionization triple-differential cross sections for ethane. Physical Review A, 2015, 92, .	2.5	23
45	Calculation of photodetachment cross sections and photoelectron angular distributions of negative ions using density functional theory. Journal of Chemical Physics, 2015, 143, 144310.	3.0	18
46	Electron- and photon-impact ionization of furfural. Journal of Chemical Physics, 2015, 143, 184310.	3.0	24
47	Vibrational state-selective autodetachment photoelectron spectroscopy from dipole-bound states of cold 2-hydroxyphenoxide: o â¯ HO(C6H4)Oâ¯. Journal of Chemical Physics, 2015, 142, 124309.	3.0	29
48	Cï£¿H Bond Activation by Early Transition Metal Carbide Cluster Anion MoC₃^{â¯}. Chemistry - A European Journal, 2015, 21, 17748-17756.	3.3	18
49	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.	7.4	33
50	Vibrational State-Selective Resonant Two-Photon Photoelectron Spectroscopy of AuS^{â€“} via a Spin-Forbidden Excited State. Journal of Physical Chemistry Letters, 2015, 6, 637-642.	4.6	22
51	Conformation-Selective Resonant Photoelectron Spectroscopy via Dipole-Bound States of Cold Anions. Journal of Physical Chemistry Letters, 2015, 6, 2153-2157.	4.6	25
52	Observation of two-center interference effects for electron impact ionization of N₂. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 155203.	1.5	13
53	Experimental and theoretical study of electron-impact ionization plus excitation of aligned H₂. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 115201.	1.5	8
54	Photoelectron imaging spectroscopy of MoCâ¯ and NbNâ¯ diatomic anions: A comparative study. Journal of Chemical Physics, 2015, 142, 164301.	3.0	33

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55	Assessment of delocalized and localized molecular orbitals through electron momentum spectroscopy. Chinese Physics B, 2014, 23, 063403.	1.4	3
56	Electron momentum spectroscopy of NF 3. Chinese Physics B, 2014, 23, 113403.	1.4	0
57	Comparison of Dyson, Hartree-Fock, Kohn-Sham, natural, and natural-bond orbitals: electron momentum spectroscopy of CH₄. Journal of Physics: Conference Series, 2014, 488, 052026.	0.4	0
58	Ionization-excitation of helium by high-resolution<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mi>e</mml:mi><mml:mo>,</mml:mo><mml:mn>2<and 4-body distorted-wave calculations. Physical Review A, 2014, 90, .	2.5	4
59	Fully differential cross sections for electron-impact excitation-ionization of aligned<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>D</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review A, 2014, 89, .	2.5	6
60	Effect of microwave irradiation on carbon nanotube fibers: exfoliation, structural change and strong light emission. RSC Advances, 2014, 4, 15502-15506.	3.6	3
61	Theoretical triple-differential cross sections of a methane molecule by a proper-average method. Physical Review A, 2014, 89, .	2.5	35
62	Triply differential (e,2e) studies of phenol. Journal of Chemical Physics, 2014, 141, 124307.	3.0	30
63	High resolution (e, 2e) spectroscopy of dimethyl ether. Journal of Electron Spectroscopy and Related Phenomena, 2014, 193, 1-5.	1.7	10
64	Dynamical (e,2e) investigations of structurally related cyclic ethers. Journal of Physics: Conference Series, 2014, 488, 052004.	0.4	0
65	Intramolecular diffraction in (e, 2e) reactions of CX4 (X=F, Cl, Br). Journal of Physics: Conference Series, 2014, 488, 052027.	0.4	1
66	Vibrational Spectroscopy of the Dehydrogenated Uracil Radical by Autodetachment of Dipoleâ€Bound Excited States of Cold Anions. Angewandte Chemie - International Edition, 2014, 53, 2464-2468.	13.8	73
67	A dynamical (e,2e) investigation of the structurally related cyclic ethers tetrahydrofuran, tetrahydropyran, and 1,4-dioxane. Journal of Chemical Physics, 2013, 139, 034306.	3.0	35
68	Experimental and theoretical cross sections for molecular-frame electron-impact excitation-ionization of D<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review A, 2013, 88, .	2.5	7
69	Dynamical (e,2e) investigations of tetrahydrofuran and tetrahydrofurfuryl alcohol as DNA analogues. Chemical Physics Letters, 2013, 572, 32-37.	2.6	39
70	Low energy (e,2e) coincidence studies of NH3: Results from experiment and theory. Journal of Chemical Physics, 2013, 138, 174304.	3.0	21
71	Observation of Modeâ€Specific Vibrational Autodetachment from Dipoleâ€Bound States of Cold Anions. Angewandte Chemie - International Edition, 2013, 52, 8976-8979.	13.8	98
72	Vibrational effects on the electron momentum distributions of valence orbitals of formamide. Journal of Chemical Physics, 2012, 136, 124302.	3.0	27

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73	Resonant tunneling through the repulsive Coulomb barrier of a quadruply charged molecular anion. Physical Review A, 2012, 85, .	2.5	27
74	High-resolution electron-momentum spectroscopy of the valence orbitals of the iodine molecule. Physical Review A, 2012, 85, .	2.5	14
75	Experimental and theoretical investigation of the triple differential cross section for electron impact ionization of pyrimidine molecules. Journal of Chemical Physics, 2012, 136, 024304.	3.0	57
76	Dynamical (e,2e) studies of tetrahydrofurfuryl alcohol. Journal of Chemical Physics, 2012, 136, 244301.	3.0	30
77	The Jahn-Teller effect in the electron momentum spectroscopy of ammonia. Journal of Chemical Physics, 2012, 137, 174305.	3.0	9
78	Probing the electronic structure and chemical bonding of the â€œstapleâ€•motifs of thiolate gold nanoparticles: Au(SCH3)2â^' and Au2(SCH3)3â^'. Physical Chemistry Chemical Physics, 2012, 14, 9323.	2.8	43
79	Low energy (e, 2e) study from the 1t2 orbital of CH4. Journal of Chemical Physics, 2012, 137, 024301.	3.0	18
80	Low energy (e,2e) measurements of CH4 and neon in the perpendicular plane. Journal of Chemical Physics, 2012, 136, 094302.	3.0	28
81	Dynamical (e, 2e) studies using tetrahydrofuran as a DNA analogue. Journal of Physics: Conference Series, 2011, 288, 012007.	0.4	4
82	Low energy (e,2e) studies from CH4: Results from symmetric coplanar experiments and molecular three-body distorted wave theory. Journal of Chemical Physics, 2011, 134, 174304.	3.0	28
83	An electron momentum spectroscopic study of naphthalene in gas phase. Science China: Physics, Mechanics and Astronomy, 2011, 54, 1981-1989.	5.1	1
84	Calculation of Dyson orbitals using a symmetry-adapted-cluster configuration-interaction method for electron momentum spectroscopy:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">N</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review	2.5	23
85	Valence orbitals of W(CO) 6 using electron momentum spectroscopy. Chinese Physics B, 2011, 20, 113403.	1.4	3
86	Dyson orbitals of N2O: Electron momentum spectroscopy and symmetry adapted cluster-configuration interaction calculations. Journal of Chemical Physics, 2011, 134, 204304.	3.0	21
87	Recent theoretical progress in treating electron impact ionization of molecules. Journal of Physics: Conference Series, 2010, 212, 012004.	0.4	0
88	Dynamical (e, 2e) studies using tetrahydrofuran as a DNA analog. Journal of Chemical Physics, 2010, 133, 124302.	3.0	50
89	An experimental and theoretical study of the HOMO of W(CO)6: Vibrational effects on the electron momentum density distribution. Chemical Physics Letters, 2010, 497, 229-233.	2.6	30
90	Guiding Electron Emissions by Excess Negative Charges in Multiply Charged Molecular Anions. Physical Review Letters, 2010, 105, 263001.	7.8	14

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91	Low-energy symmetric coplanar and symmetric non-coplanar (e,2e) studies from the 3a₁state of H₂O. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 035201.	1.5	28
92	Combining relativistic quantum-chemistry theories and electron-momentum spectroscopy to study valence-electron structures of molecules. Physical Review A, 2009, 80, .	2.5	17
93	(e,2e)study of two-center interference effects in the ionization ofN2. Physical Review A, 2009, 80, .	2.5	33
94	Electron momentum spectroscopy study of a conformationally versatile molecule: n-propanol. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 165205.	1.5	13
95	Dynamical (e, 2e) studies of formic acid. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 235207.	1.5	33
96	Electron momentum spectroscopy study on valence electronic structures of pyrimidine. Chemical Physics Letters, 2009, 476, 157-162.	2.6	28
97	High resolution electron momentum spectroscopy of the valence orbitals of water. Chemical Physics, 2008, 343, 19-30.	1.9	70
98	Study of the photoelectron and electron momentum spectra of cyclopentene using benchmark Dyson orbital theories. Physical Chemistry Chemical Physics, 2008, 10, 2374.	2.8	19
99	Benchmark Dyson Orbital Study of the Ionization Spectrum and Electron Momentum Distributions of Ethanol in Conformational Equilibrium. Journal of Physical Chemistry A, 2008, 112, 9083-9096.	2.5	33
100	Study of the Valence Wave Function of Thiophene with High Resolution Electron Momentum Spectroscopy and Advanced Dyson Orbital Theories. Journal of Physical Chemistry A, 2008, 112, 2339-2354.	2.5	16
101	Test of quantum effects of spatial noncommutativity using modified electron momentum spectroscopy. Physical Review D, 2008, 78, .	4.7	8
102	Experimental and Theoretical Electron Momentum Spectroscopic Study of the Valence Electronic Structure of Tetrahydrofuran under Pseudorotation. Journal of Physical Chemistry A, 2008, 112, 11078-11087.	2.5	56
103	Investigation of the molecular conformations of ethanol using electron momentum spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 175103.	1.5	33
104	New Diagnostic of the Most Populated Conformer of Tetrahydrofuran in the Gas Phase. Journal of Physical Chemistry A, 2007, 111, 4927-4933.	2.5	64
105	Progress on electron momentum spectroscopy studies at Tsinghua University in Beijing. Journal of Electron Spectroscopy and Related Phenomena, 2007, 161, 43-50.	1.7	4
106	Thermionic emission and work function of multiwalled carbon nanotube yarns. Physical Review B, 2006, 73, .	3.2	98
107	Probing Dyson orbitals with Greenâ€™s Function theory and Electron Momentum Spectroscopy. Chemical Physics Letters, 2006, 421, 52-57.	2.6	45
108	Direct observations of the chemical shift and electron momentum distributions of core shell in N2O. Chemical Physics Letters, 2006, 422, 308-312.	2.6	6

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109	Electron momentum spectroscopy study of thiophene: Binding energy spectrum and valence orbital electron density distributions. Chemical Physics, 2006, 327, 269-277.	1.9	8
110	An investigation of distorted wave effects in Ï€* like molecular orbital by electron momentum spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2006, 151, 92-96.	1.7	14
111	Turn-up effects at low momentum for the highest occupied molecular orbital of oxygen at various impact energies by electron momentum spectroscopy. Physical Review A, 2006, 73, .	2.5	41
112	(e,2e)study on distorted-wave and relativistic effects in the inner-shell ionization processes of xenon4d5â^•2and4d3â^•2. Physical Review A, 2006, 73, .	2.5	21
113	Experimental and theoretical investigations into the electronic structure of cyclohexene by electron momentum spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2005, 149, 29-36.	1.7	1
114	The outer valence orbital momentum profiles of thiophene by electron momentum spectroscopy. Chemical Physics Letters, 2005, 401, 80-84.	2.6	3
115	Investigation of the highest occupied molecular orbital of propene by binary (e, 2e) spectroscopy. Chemical Physics Letters, 2005, 402, 175-179.	2.6	5
116	Sensitive observations of orbital electron density image by electron momentum spectroscopy with different impact energies. Chemical Physics Letters, 2005, 404, 279-283.	2.6	16
117	The valence shell binding energy spectra and the HOMO momentum profile of butanone by electron momentum spectroscopy. Chemical Physics Letters, 2005, 405, 220-223.	2.6	0
118	Investigation of the highest occupied molecular orbital of 1,3-cyclohexadiene by a (e, 2e) spectrometer. Chemical Physics Letters, 2005, 407, 423-426.	2.6	10
119	An investigation of electron momentum spectroscopy on the 9a1 and 5b2 orbitals of thiophene. Science Bulletin, 2005, 50, 497-500.	1.7	5
120	Experimental and calculated momentum densities for the complete valence orbitals of the antimicrobial agent diacetyl. Chinese Physics B, 2005, 14, 1966-1973.	1.3	1
121	Investigation of outer valence orbital of CF 2 Cl 2 by a new type of electron momentum spectrometer. Chinese Physics B, 2005, 14, 2467-2473.	1.3	12
122	An investigation of valence shell orbital momentum profiles of difluoromethane by binary (e,2e) spectroscopy. Journal of Chemical Physics, 2005, 122, 054301.	3.0	8
123	Ionization excitation of helium by the(e,2e)reaction. Physical Review A, 2005, 72, .	2.5	16
124	Exploring electron density distributions for the complete valence shell of cyclopentene using a binary(e,2e)spectrometer. Physical Review A, 2005, 72, .	2.5	2
125	(e, 2e) electron momentum spectrometer with high sensitivity and high resolution. Review of Scientific Instruments, 2005, 76, 063103.	1.3	58
126	Valence-orbital-electron momentum distributions for butanone. Physical Review A, 2005, 72, .	2.5	3

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127	Investigation of valence orbitals of propene by electron momentum spectroscopy. Journal of Chemical Physics, 2005, 122, 224302.	3.0	10
128	Direct Observation of Distorted Wave Effects in Ethylene Using the (e,2e) Reaction. Physical Review Letters, 2005, 94, 163201.	7.8	70
129	The outer valance orbital electron densities of cyclopentane by binary (e,2e) spectroscopy. Journal of Chemical Physics, 2004, 120, 10009-10014.	3.0	5
130	A multiparameter data acquisition system based on universal serial bus interface for electron momentum spectrometer. Review of Scientific Instruments, 2004, 75, 3062-3064.	1.3	22
131	An investigation of the 6ag inner valence orbital electron density of the antimicrobial agent diacetyl by binary (e,2e) spectroscopy. Chemical Physics Letters, 2004, 385, 498-501.	2.6	2
132	Investigation of the highest occupied molecular orbital of cyclohexene by electron momentum spectroscopy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 331, 64-69.	2.1	3
133	An electron momentum spectroscopy study of the highest occupied molecular orbital of difluoromethane. Chemical Physics Letters, 2004, 390, 162-165.	2.6	9
134	An investigation of the HOMO electron density distribution of cyclopentene by electron momentum spectroscopy. Chemical Physics Letters, 2004, 397, 82-86.	2.6	4
135	Orbital electron densities of ethane: Comparison of electron momentum spectroscopy measurements with near Hartreeâ€“Fock limit and density functional theory calculations. Journal of Chemical Physics, 2002, 117, 4839-4845.	3.0	7
136	Investigation of orbital momentum profiles of methylpropane (isobutane) by binary (e,2e) spectroscopy. Journal of Chemical Physics, 2001, 114, 882.	3.0	38
137	The valence shell binding energy spectra and frontier orbital momentum profiles of methylpropane (isobutane) by binary (e, 2e) spectroscopy. Chemical Physics Letters, 1999, 313, 134-138.	2.6	11
138	<title>Measurements of scintillation characteristics of PbWO<formula><inf><roman>4</roman></inf></formula> crystals</title>. , 1997, 3115, 30.		1
139	Structural Versatility and Energy Difference of Saltâ€“Water Complex NaCl(H₂O) Encoded in Cryogenic Photoelectron Spectroscopy. Journal of Physical Chemistry Letters, 0, , 4995-5000.	4.6	3
140	Electron affinity of tantalum and excited states of its anion. Journal of Chemical Physics, 0, , .	3.0	1