

E Weigold

List of Publications by Year in descending order

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176
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117625

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177
all docs

177
docs citations

177
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron spectroscopy using two-dimensional electron detection and a camera in a single electron counting mode. Review of Scientific Instruments, 2009, 80, 063302.	1.3	7
2	Absolute cross sections for the ionization-excitation of helium by electron impact. Physical Review A, 2008, 78, .	2.5	28
3	Invited Article: An improved double-toroidal spectrometer for gas phase (e,2e) studies. Review of Scientific Instruments, 2007, 78, 111301.	1.3	21
4	Ionization of Atoms with Spin Polarized Electrons. AIP Conference Proceedings, 2006, , .	0.4	0
5	Electronic structure of copper studied by electron momentum spectroscopy. Physical Review B, 2004, 70, .	3.2	9
6	Measurement of the electronic structure of crystalline silicon by electron momentum spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 629-632.	1.7	4
7	The direct measurement of spectral momentum densities of silicon with high energy spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2004, 141, 95-104.	1.7	6
8	Probing the spectral densities over the full three-dimensional momentum space. Journal of Physics and Chemistry of Solids, 2004, 65, 2035-2039.	4.0	5
9	Influence of electron diffraction on measured energy-resolved momentum densities in single-crystalline silicon. Journal of Physics and Chemistry of Solids, 2003, 64, 2507-2515.	4.0	4
10	Spectral properties of quasiparticles in silicon: a test of many-body theory. Physical Review B, 2003, 68, .	3.2	32
11	An electron momentum spectroscopy and density functional theory study of the outer valence electronic structure of stela-2,6-dione. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 3155-3171.	1.5	18
12	Quantitative measurement of the spectral function of aluminum and lithium by electron momentum spectroscopy. Physical Review B, 2002, 66, .	3.2	24
13	Comprehensive Experimental and Theoretical Study into the Complete Valence Electronic Structure of Norbornadiene. Journal of Physical Chemistry A, 2002, 106, 9573-9581.	2.5	17
14	(e,2e) collisions with polarized electrons and excited, oriented and spin polarized targets. AIP Conference Proceedings, 2002, , .	0.4	0
15	Momentum profiles of aluminum. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 1031-1036.	1.7	3
16	The spectral momentum density of aluminum measured by electron momentum spectroscopy. Journal of Physics and Chemistry of Solids, 2001, 62, 2215-2221.	4.0	11
17	The Spectral Momentum Density of Aluminium, Copper and Gold Measured by Electron Momentum Spectroscopy. Zeitschrift Fur Physikalische Chemie, 2001, 215, .	2.8	7
18	Electron correlation effects in the spectral momentum density of graphite. Physical Review B, 2001, 63, .	3.2	16

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19	Anisotropy of the electron momentum density of graphite studied by $(\hat{I}^3, e\hat{I}^3)$ and $(e, 2e)$ spectroscopy. Physical Review B, 2001, 63, .	3.2	13
20	Preparation of a 10 nm thick single-crystal silicon membrane self-supporting over a diameter of 1 mm. Applied Surface Science, 2000, 162-163, 359-367.	6.1	12
21	Dichroism in the electron-impact ionization of excited and oriented sodium atoms. Physical Review A, 2000, 62, .	2.5	8
22	High-energy (e, \hat{e}^2e) spectrometer for the study of the spectral momentum density of materials. Review of Scientific Instruments, 2000, 71, 3831.	1.3	60
23	A Density Functional Theory and Electron Momentum Spectroscopy Study into the Complete Valence Electronic Structure of Cubane. Journal of the American Chemical Society, 2000, 122, 3892-3900.	13.7	34
24	Determination of the energy-momentum densities of aluminium by electron momentum spectroscopy. Journal of Physics Condensed Matter, 1999, 11, 3645-3661.	1.8	16
25	High-resolution electron-momentum spectroscopy of argon: Validation of technique and approximations. Physical Review A, 1999, 59, 1245-1252.	2.5	24
26	Quantitative electron momentum spectroscopy of aluminum films. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 247-253.	1.7	7
27	The electronic structure of different forms of solid carbon studied by electron momentum spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1998, 87, 231-251.	1.7	5
28	Dichroism in $(e, 2e)$ ionizing collisions with laser-oriented sodium atoms. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 59-64.	1.7	3
29	Momentum distributions and molecular property information for trans 1,3 butadiene: An electron momentum spectroscopy and density functional theory investigation. Journal of Chemical Physics, 1998, 108, 1859-1873.	3.0	14
30	The elastic scattering of spin-polarized electrons from xenon. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 547-561.	1.5	21
31	Valence-band energy-momentum densities of amorphous SiO_2 by $(e, 2e)$ spectroscopy. Physical Review B, 1998, 57, 4349-4357.	3.2	12
32	Parametrization of a spin-polarized $(e, 2e)$ experiment. Physical Review A, 1998, 57, 1881-1891.	2.5	10
33	Spectral momentum density of electrons in copper. Physical Review B, 1998, 57, 6333-6341.	3.2	9
34	Absence of interchannel coupling in electron momentum spectroscopy. Physical Review A, 1998, 58, 2815-2818.	2.5	4
35	Electron-momentum spectroscopy of crystal silicon. Physical Review B, 1998, 57, 12882-12889.	3.2	8
36	Orientational Dichroism in the Electron-Impact Ionization of Laser-Oriented Atomic Sodium. Physical Review Letters, 1998, 80, 257-260.	7.8	31

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37	Measured energy - momentum densities of the valence band of aluminium. Journal of Physics Condensed Matter, 1997, 9, 1931-1950.	1.8	20
38	A study of autoionization phenomena in helium using (e, 2e) spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 3267-3285.	1.5	18
39	Preparation of ultrathin free-standing targets for (e,2e) spectroscopy. Review of Scientific Instruments, 1997, 68, 4396-4403.	1.3	14
40	Energy-momentum density of graphite by(e,2e)spectroscopy. Physical Review B, 1997, 56, 963-966.	3.2	18
41	Three-dimensional electron momentum densities:A comparison of ($\hat{I}^3, e\hat{I}^3$) and (e,2e) spectroscopies. Physical Review B, 1997, 55, 5440-5447.	3.2	12
42	Electron-momentum spectroscopy of fullerene. Physical Review B, 1997, 56, 1309-1315.	3.2	34
43	(e, 2e) collisions on xenon with spin-polarized electrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 4097-4121.	1.5	36
44	Electron-momentum spectroscopy of solids by the ., 1997, , .		0
45	Theoretical and (e,2e) Experimental Investigation into the Complete Valence Electronic Structure of [1.1.1]Propellane. Journal of the American Chemical Society, 1997, 119, 2896-2904.	13.7	31
46	Autoionization in electron - helium collisions: an (e, 2e) investigation. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 4383-4394.	1.5	18
47	Electron momentum spectroscopy studies on the oxidation of aluminium. Surface Science, 1997, 382, 241-257.	1.9	10
48	(e,2e) Spectroscopy of solids with improved energy resolution. Journal of Electron Spectroscopy and Related Phenomena, 1997, 83, 65-76.	1.7	28
49	Electron-Momentum Spectroscopy of Solids by the (e,2e) Reaction. , 1997, , 249-259.		0
50	Dangling-bond surface states on an amorphous germanium surface as observed by (e,2e) spectroscopy. Surface Science, 1996, 357-358, 427-431.	1.9	3
51	Data reduction in multiple-parameter (e,2e) experiments. Canadian Journal of Physics, 1996, 74, 829-836.	1.1	9
52	(e,2e) momentum spectroscopy of thin films. AIP Conference Proceedings, 1996, , .	0.4	0
53	Spin effects in (e,2e) collisions. AIP Conference Proceedings, 1996, , .	0.4	0
54	Electron momentum spectroscopy of the outervalence $3\hat{I}f$ and $1\hat{I}e$ states of hydrogen fluoride: a reanalysis. Chemical Physics Letters, 1996, 255, 105-111.	2.6	2

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55	Orbital momentum profiles and binding energy spectra for the complete valence shell of molecular fluorine. <i>Chemical Physics</i> , 1996, 212, 269-300.	1.9	35
56	Fine Structure Effect in Electron Impact Ionization. <i>Physical Review Letters</i> , 1996, 76, 1228-1231.	7.8	38
57	Electronic-structure investigation of oxidized aluminum films with electron-momentum spectroscopy. <i>Physical Review B</i> , 1996, 54, 17943-17953.	3.2	11
58	Energy-momentum structure of the krypton valence shell by electron-momentum spectroscopy. <i>Physical Review A</i> , 1996, 53, 4205-4214.	2.5	12
59	Electron momentum spectroscopy of ethylene oxide. <i>Chemical Physics Letters</i> , 1995, 233, 214-219.	2.6	3
60	Electron momentum spectroscopy of [1.1.1]propellane. <i>Chemical Physics Letters</i> , 1995, 244, 433-439.	2.6	8
61	The nature of the background in transmission (e,2e) experiments. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 103-108.	1.7	6
62	Direct imaging of the valence electronic structure of solids by (e,2e) spectroscopy. <i>Solid State Communications</i> , 1995, 95, 25-29.	1.9	11
63	Relation between lattice order and energy-resolved momentum densities in carbon films. <i>Physical Review B</i> , 1995, 51, 1866-1873.	3.2	26
64	Valence electronic structure of polycrystalline SiC as observed by (e,2e) spectroscopy. <i>Physical Review B</i> , 1995, 51, 3449-3457.	3.2	17
65	An (e, 2e) study of helium autoionization experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 725-741.	1.5	11
66	A high-performance, cost-effective circuit for CCD pulse processing. <i>Measurement Science and Technology</i> , 1995, 6, 125-127.	2.6	0
67	Electronic structure of amorphous Si measured by (e,2e) spectroscopy. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 279-288.	1.8	16
68	Surface characterization of diamond-like amorphous carbon foils by (e,2e) spectroscopy and transmission electron energy loss spectroscopy. <i>Journal Physics D: Applied Physics</i> , 1995, 28, 2340-2344.	2.8	10
69	Adsorbate wavefunction mapping by (e, 2e) spectroscopy. <i>Surface Science</i> , 1995, 327, 387-397.	1.9	10
70	Energy-resolved momentum density of amorphous germanium and the effect of hydrogen adsorption by (e,2e) spectroscopy. <i>Surface Science</i> , 1995, 334, 276-288.	1.9	7
71	Study of the valence electronic structure of the diene class of compounds by electron momentum spectroscopy and Green function methods. I. 1,2-propadiene. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 2075-2087.	1.5	6
72	An electron momentum spectroscopy investigation of the 4d core states of xenon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, L597-L601.	1.5	45

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73	Electron momentum spectroscopy of cyclopropane. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 4309-4324.	1.5	6
74	Electron momentum spectroscopy of solid surfaces. <i>Contemporary Physics</i> , 1994, 35, 377-384.	1.8	7
75	Condensed matter electron momentum spectrometer with parallel detection in energy and momentum. <i>Review of Scientific Instruments</i> , 1994, 65, 2214-2226.	1.3	81
76	Measurement of the spectral momentum distribution of valence electrons in amorphous carbon by (e,2e) spectroscopy. <i>Physical Review B</i> , 1994, 49, 2113-2120.	3.2	13
77	Energy-resolved electron-momentum densities of graphite films. <i>Physical Review B</i> , 1994, 50, 5635-5644.	3.2	31
78	Electron momentum distributions and ionization energy spectra of boron trifluoride. <i>Chemical Physics</i> , 1994, 184, 13-27.	1.9	7
79	Electron momentum spectroscopy of methylamine. <i>Chemical Physics</i> , 1994, 182, 361-373.	1.9	5
80	Electron-momentum spectroscopy of the core state of solid carbon. <i>Physical Review B</i> , 1994, 50, 12078-12083.	3.2	12
81	Satellite structure of the neon valence shell by electron-momentum spectroscopy. <i>Physical Review A</i> , 1993, 48, 4390-4399.	2.5	27
82	Electron momentum spectroscopy of the isoelectronic species hydrogen fluoride and neon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1993, 26, 1655-1668.	1.5	18
83	Electron momentum spectroscopy studies on ring compounds. I. Benzene. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1993, 26, 3921-3935.	1.5	13
84	Satellite structure of the neon valence shell by electron momentum spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992, 25, L481-L485.	1.5	8
85	The spectral momentum density of amorphous carbon. <i>Surface Science</i> , 1991, 251-252, 213-217.	1.9	9
86	Study of the valence electronic structure of ethyne by electron momentum spectroscopy and Green's function methods. <i>Journal of Chemical Physics</i> , 1991, 94, 3468-3478.	3.0	18
87	Electron momentum spectroscopy of sulphurhexafluoride. <i>Chemical Physics</i> , 1991, 150, 405-427.	1.9	27
88	Electron momentum spectroscopy of molecular core states. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1991, 53, 271-283.	1.7	15
89	Electron momentum spectroscopy of atoms and molecules. <i>Reports on Progress in Physics</i> , 1991, 54, 789-879.	20.1	488
90	An experimental and theoretical investigation of the valence orbital momentum distributions and binding energy spectra of nitrogen. <i>Chemical Physics</i> , 1990, 141, 211-224.	1.9	15

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91	Recent developments in electron momentum spectroscopy of atoms and molecules. Journal of Electron Spectroscopy and Related Phenomena, 1990, 51, 629-651.	1.7	6
92	The valence electronic structure of dimethyl ether – complete valence shell binding energy spectra and momentum distributions. Journal of Electron Spectroscopy and Related Phenomena, 1990, 53, 153-175.	1.7	14
93	Investigation of the complete valence shell of formic acid by electron momentum spectroscopy and Green's function methods. Journal of Electron Spectroscopy and Related Phenomena, 1990, 53, 51-78.	1.7	6
94	Correlations in the autoionising region of He measured by the (e, 2e) technique. Journal of Physics B: Atomic, Molecular and Optical Physics, 1990, 23, 2819-2845.	1.5	49
95	Direct Observation of the Momentum-Density Profile of Excited and Oriented Sodium Atoms. Physical Review Letters, 1990, 64, 1358-1360.	7.8	29
96	Electron-Atom Scattering. Advances in Atomic, Molecular and Optical Physics, 1990, 27, 165-200.	2.3	12
97	Electron-Atom Ionization. Advances in Atomic, Molecular and Optical Physics, 1990, 27, 201-244.	2.3	7
98	Satellite structure in the argon valence shell by electron-momentum spectroscopy. Physical Review A, 1989, 40, 3041-3053.	2.5	42
99	Improved techniques in multiparameter coincidence experiments. Journal of Physics E: Scientific Instruments, 1989, 22, 421-427.	0.7	30
100	Ionisation of atomic hydrogen at intermediate momentum transfer. Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, 931-938.	1.5	9
101	The valence orbital momentum distributions and binding energy spectra of silane by electron momentum spectroscopy: Quantitative comparisons using Hartree-Fock limit and correlated wavefunctions. Chemical Physics, 1989, 134, 229-239.	1.9	26
102	The polychloromethanes - an experimental and theoretical investigation of their valence electronic structure. Chemical Physics, 1989, 135, 317-346.	1.9	12
103	Orbital momentum distribution and binding energies for the complete valence shell of molecular bromine. Chemical Physics, 1988, 119, 253-264.	1.9	7
104	Orbital momentum distributions and binding energies for the complete valence shell of molecular iodine. Chemical Physics, 1988, 124, 121-130.	1.9	6
105	Wavefunction mapping in collision experiments. Reports on Progress in Physics, 1988, 51, 299-392.	20.1	217
106	Ground-state correlations in magnesium: electron momentum spectroscopy of the valence region. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, 4239-4247.	1.5	9
107	Valence electron momentum distributions in zinc. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, 895-903.	1.5	12
108	Electron scattering by atomic hydrogen. Journal of Physics B: Atomic and Molecular Physics, 1987, 20, 4571-4584.	1.6	23

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109	Valence electronic structure of CH ₃ F and CH ₃ Cl: electron momentum distributions and separation energies. <i>Chemical Physics</i> , 1987, 113, 251-263.	1.9	21
110	Orbital momentum distributions and binding energies for the complete valence shell of molecular chlorine by electron momentum spectroscopy. <i>Chemical Physics</i> , 1987, 113, 1-18.	1.9	21
111	The electron momentum spectroscopy of lead. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1986, 19, 4063-4074.	1.6	20
112	Electron momentum spectroscopy of xenon: A detailed analysis. <i>Physical Review A</i> , 1986, 33, 211-221.	2.5	54
113	Valence electronic structure of CH ₃ Br and CH ₃ I: Electron momentum distributions and separation energies. <i>Chemical Physics</i> , 1985, 93, 21-38.	1.9	19
114	A natural orbital analysis of the helium (<i>e</i> , 2 <i>e</i>) spectrum. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1985, 18, 4149-4157.	1.6	19
115	Intensities of the 3s ionisation spectrum of argon. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1985, 18, L91-L95.	1.6	11
116	Noncoplanar symmetric (<i>e</i> ,2 <i>e</i>) reaction on argon. <i>Physical Review A</i> , 1985, 31, 160-166.	2.5	47
117	Non-coplanar symmetric (<i>e</i> , 2 <i>e</i>) momentum profile measurements for helium: an accurate test of helium wavefunctions. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1984, 17, 2339-2352.	1.6	84
118	Electron-impact ionization of atomic hydrogen: Comparison of asymmetric (<i>e</i> ,2 <i>e</i>) measurements with theories. <i>Physical Review A</i> , 1984, 30, 758-767.	2.5	73
119	Direct Observations of Relativistic Effects in Single-Electron Momentum Distributions in Xenon Outer Shells. <i>Physical Review Letters</i> , 1984, 52, 1116-1118.	7.8	40
120	Experimental and theoretical binding energy spectra and momentum distributions for the valence orbitals of H ₂ O. <i>Chemical Physics</i> , 1984, 91, 373-381.	1.9	26
121	Multiple Scattering Approach to the (<i>e</i> , 2 <i>e</i>) Reaction on Atomic Hydrogen. <i>Lecture Notes in Quantum Chemistry II</i> , 1984, , 254-258.	0.3	0
122	Molecular orbital electron momentum distributions and separation energies of CH ₃ CN. <i>Chemical Physics</i> , 1983, 76, 89-101.	1.9	21
123	Observing the motion of electrons in atoms and molecules. <i>Contemporary Physics</i> , 1983, 24, 163-184.	1.8	21
124	Valence electron momentum distributions in cadmium. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1983, 16, 223-231.	1.6	12
125	Electron coincidence spectroscopy of sodium and potassium. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1982, 15, 2531-2538.	1.6	21
126	Momentum distributions and separation energies for the valence orbitals of chloromethane. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1982, 27, 191-203.	1.7	17

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127	Valence electron separation energies and momentum distributions for N ₂ O. Journal of Electron Spectroscopy and Related Phenomena, 1982, 27, 1-14.	1.7	21
128	Electron momentum distributions and binding energies for the valence orbitals of hydrogen bromide and hydrogen iodide. Journal of Electron Spectroscopy and Related Phenomena, 1982, 27, 83-107.	1.7	24
129	Molecular orbital momentum distributions and binding energies for nitric oxide. Chemical Physics, 1982, 64, 287-297.	1.9	33
130	Momentum distributions and ionization potentials for the valence orbitals of benzene. Chemical Physics, 1981, 63, 19-30.	1.9	22
131	Momentum distributions and binding energies for the valence orbitals of methanol. Chemical Physics, 1981, 62, 369-375.	1.9	12
132	Direct measurement of the electron momentum probability distribution in atomic hydrogen. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 86, 139-141.	2.1	74
133	Electron correlation effects in the (e, 2e) valence separation energy spectra of krypton. Journal of Physics B: Atomic and Molecular Physics, 1981, 14, 3277-3289.	1.6	19
134	Electron coincidence spectroscopy of O ₂ : Valence electron momentum distributions and binding energies. Journal of Electron Spectroscopy and Related Phenomena, 1980, 20, 289-303.	1.7	14
135	Momentum distributions and ionization potentials for the valence orbitals of hydrogen fluoride and hydrogen chloride. Journal of Electron Spectroscopy and Related Phenomena, 1980, 21, 71-91.	1.7	99
136	Large-angle electron-photon coincidence experiment in atomic hydrogen. Physical Review A, 1980, 21, 1950-1954.	2.5	73
137	Electron-photon angular correlations in the electron impact excitation of H(2p). Journal of Physics B: Atomic and Molecular Physics, 1979, 12, 631-648.	1.6	58
138	Absolute triple- and double-differential cross sections for ionisation of helium by electron impact. Journal of Physics B: Atomic and Molecular Physics, 1979, 12, L627-L631.	1.6	43
139	Momentum distributions for the valence orbitals of hydrogen fluoride. Chemical Physics Letters, 1979, 67, 115-118.	2.6	24
140	A new electron coincidence spectrometer with position sensitive detectors. Journal of Electron Spectroscopy and Related Phenomena, 1979, 15, 237-240.	1.7	6
141	(e, 2e) Experiments on atomic hydrogen: Comparison with the distorted and plane wave impulse approximations. Journal of Electron Spectroscopy and Related Phenomena, 1979, 15, 253-256.	1.7	3
142	Electron impact ionisation of atomic hydrogen: experimental and theoretical (e,2e) differential cross sections. Journal of Physics B: Atomic and Molecular Physics, 1979, 12, 291-313.	1.6	67
143	Electron impact ionisation of atomic hydrogen: experimental and theoretical (e, 2e) differential cross sections. Journal of Physics B: Atomic and Molecular Physics, 1979, 12, 1450-1450.	1.6	0
144	Correlation effects and electron momentum distributions in the valence orbitals of ethylene. Journal of Electron Spectroscopy and Related Phenomena, 1978, 14, 267-275.	1.7	22

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145	A gas-discharge atomic hydrogen source for electron-scattering experiments. Journal of Physics E: Scientific Instruments, 1978, 11, 948-954.	0.7	13
146	Factorized distorted-wave approximation for the $(e, \hat{A}2e)$ reaction on atoms: Coplanar symmetric. Physical Review A, 1978, 17, 604-613.	2.5	37
147	Electron-Photon Coincidence Measurements in Electron Scattering from Atomic Hydrogen. Physical Review Letters, 1978, 40, 1262-1266.	7.8	28
148	Factorized distorted-wave approximation for the $(e, \hat{A}2e)$ reaction on atoms: Noncoplanar symmetric. Physical Review A, 1978, 17, 597-603.	2.5	50
149	Ionisation of atomic hydrogen: angular correlations of the outgoing electrons. Journal of Physics B: Atomic and Molecular Physics, 1977, 10, L623-L627.	1.6	16
150	$(e, \hat{A}2e)$ spectroscopy of the CO molecule. Physical Review A, 1977, 15, 102-111.	2.5	34
151	Elastic scattering of electrons by molecular and atomic hydrogen. Journal of Physics B: Atomic and Molecular Physics, 1977, 10, 1345-1362.	1.6	73
152	$(e, 2e)$ spectroscopy of N_2 valence momentum distributions and configuration interaction. Journal of Electron Spectroscopy and Related Phenomena, 1977, 10, 177-191.	1.7	30
153	Electron ionization spectroscopy of acetylene: Momentum distributions of valence orbitals and correlation effects. Journal of Electron Spectroscopy and Related Phenomena, 1977, 12, 239-248.	1.7	33
154	$(e, 2e)$ spectroscopy of H_2O valence separation energy spectra and valence orbital electron momentum distributions. Chemical Physics, 1977, 21, 81-87.	1.9	37
155	Ground state correlations in H_2 measured by the $(e, 2e)$ technique. Chemical Physics Letters, 1977, 47, 209-212.	2.6	32
156	$(e, 2e)$ spectroscopy. Physics Reports, 1976, 27, 275-371.	25.6	435
157	$(e, 2e)$ Spectroscopy of methane. Chemical Physics Letters, 1976, 41, 21-24.	2.6	21
158	$(e, 2e)$ Spectroscopy of ethane. Journal of Electron Spectroscopy and Related Phenomena, 1976, 9, 397-412.	1.7	51
159	Excitation of the $n=2$ states of He^+ in the ionization of helium. Journal of Physics B: Atomic and Molecular Physics, 1976, 9, L195-L198.	1.6	26
160	The determination of the dynamic structures of atoms and molecules using the $(e, 2e)$ reaction. Advances in Physics, 1976, 25, 489-515.	14.4	9
161	$(e, \hat{A}2e)$ reaction in inert gases: Coplanar symmetric geometry. Physical Review A, 1975, 11, 576-585.	2.5	35
162	Structure of inert gases from the $(e, \hat{A}2e)$ reaction. Physical Review A, 1975, 11, 566-575.	2.5	61

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163	Observation of Autoionizing Transitions in Helium Using the $(e, \hat{A}2e)$ Technique. Physical Review Letters, 1975, 35, 209-212.	7.8	47
164	$(e, \hat{A}2e)$ Probe for Hydrogen-Molecule Wave Functions. Physical Review Letters, 1975, 34, 782-785.	7.8	81
165	Electron-photon angular correlations in the electron impact excitation of argon. Journal of Physics B: Atomic and Molecular Physics, 1975, 8, 1275-1279.	1.6	27
166	Differential cross section for elastic scattering of electrons from atomic hydrogen: Low energies. Physical Review A, 1974, 9, 2552-2558.	2.5	27
167	$(e, \hat{A}2e)$ Reaction as a Probe for Details of the Helium Wave Function. Physical Review Letters, 1974, 33, 459-462.	7.8	57
168	Structure of atoms from the $(e, 2e)$ reaction. Physical Review A, 1974, 9, 260-266.	2.5	34
169	Differential cross sections for the elastic scattering of electrons from atomic hydrogen. II. Medium energies. Physical Review A, 1974, 10, 175-181.	2.5	77
170	The elastic scattering of electrons from argon. Journal of Physics B: Atomic and Molecular Physics, 1974, 7, 1083-1090.	1.6	39
171	The elastic scattering of electrons from krypton, neon and xenon. Journal of Physics B: Atomic and Molecular Physics, 1974, 7, 2549-2556.	1.6	18
172	The $(e, 2e)$ reaction in molecules: Momentum space wave function of H ₂ . Physics Letters, Section A: General, Atomic and Solid State Physics, 1973, 44, 531-532.	2.1	29
173	The differential cross section for elastic scattering of electrons from atomic hydrogen. Journal of Physics B: Atomic and Molecular Physics, 1973, 6, L134-L137.	1.6	27
174	Angular Correlation for $(e, 2e)$ Reactions on Atoms. Physical Review A, 1973, 8, 2494-2500.	2.5	73
175	Energy and Angular Correlations of the Scattered and Ejected Electrons in the Electron-Impact Ionization of Argon. Physical Review Letters, 1973, 30, 475-478.	7.8	141
176	Momentum Space Wave Functions and Binding Energies of the Valence Electrons in Methane measured by the $(e, 2e)$ Technique. Nature: Physical Science, 1973, 245, 65-68.	0.8	21