

# A S Kheifets

## List of Publications by Year in descending order

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279  
papers

6,702  
citations

61857

43  
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285  
all docs

285  
docs citations

285  
times ranked

2209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetry analysis of the photoelectron continuum in two-photon XUV + IR ionization. Physical Review A, 2022, 105, .	1.0	6
2	Taking the Convergent Close-Coupling Method beyond Helium: The Utility of the Hartree-Fock Theory. Atoms, 2022, 10, 22.	0.7	3
3	Dynamic extension of the Keldysh-Rutherford model for attoclocks. Physical Review A, 2022, 105, .	1.0	0
4	RABBITT phase transition across the ionization threshold. Physical Review A, 2021, 103, .	1.0	24
5	Numerical and laboratory attoclock simulations on noble-gas atoms. Physical Review A, 2021, 103, .	1.0	8
6	Direct double ionization of the Ar+ M shell by a single photon. Physical Review A, 2021, 103, .	1.0	3
7	Strongly resonant reconstruction of attosecond beating by interference of two-photon transitions on lithium. Physical Review A, 2021, 104, .	1.0	9
8	Role of $L$ -shell single and double core-hole production and decay in $L$ -shell		

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19	Angular dependent time delay near correlation induced Cooper minima. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 115201.	0.6	9
20	Effects of spin-orbit-interaction-activated interchannel coupling on photoemission time delay. Physical Review A, 2020, 101, .	1.0	8
21	Time correlation inside a laser pulse. Physical Review A, 2020, 101, .	1.0	4
22	Revealing the two-electron cusp in the ground states of He and $H$ via quasifree double photoionization. Physical Review Research, 2020, 2, .	1.3	6
23	Correlation enhancement of high-order harmonic generation in Xe. Physical Review A, 2019, 100, .	1.0	8
24	Numerical attoclock on atomic and molecular hydrogen. Physical Review A, 2019, 99, .	1.0	23
25	Orientation-dependent stereo Wigner time delay and electron localization in a small molecule. EPJ Web of Conferences, 2019, 205, 06008.	0.1	0
26	Dominance of correlation and relativistic effects on photodetachment time delay well above threshold. Physical Review A, 2019, 99, .	1.0	6
27	Attosecond angular streaking and tunnelling time in atomic hydrogen. Nature, 2019, 568, 75-77.	13.7	190
28	Wigner time delay in photodetachment. Physical Review A, 2019, 99, .	1.0	13
29	Attosecond Molecular Angular Streaking with All-Ionic Fragments Detection. Physical Review Letters, 2019, 123, 223204.	2.9	32
30	Strong dependence of photoionization time delay on energy and angle in the neighborhood of Fano resonances. Physical Review A, 2019, 99, .	1.0	7
31	Time-Resolved Theory of Atomic and Molecular Photoionization for RABBITT and Attoclock. Springer Proceedings in Physics, 2019, , 1-19.	0.1	0
32	Subcycle interference upon tunnel ionization by counter-rotating two-color fields. Physical Review A, 2018, 97, .	1.0	37
33	Wignerâ€Eisenbudâ€Smith photoionization time delay due to autoionization resonances. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 065008.	0.6	9
34	Photoionization of Xe and $C$ from the $d$ shell in RABBITT fields. Physical Review A, 2018, 98, .	1.0	11
35	Separating Dipole and Quadrupole Contributions to Single-Photon Double Ionization. Physical Review Letters, 2018, 121, 173003.	2.9	20
36	Photoionization delays in xenon using single-shot referencing in the collinear back-focusing geometry. Optics Letters, 2018, 43, 4510.	1.7	14

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37	Keldysh-Rutherford Model for the Attoclock. Physical Review Letters, 2018, 121, 123201.	2.9	43
38	Intershell-correlation-induced time delay in atomic photoionization. Physical Review A, 2018, 98, .	1.0	15
39	Simulation of angular-resolved RABBITT measurements in noble-gas atoms. Physical Review A, 2018, 97, .	1.0	44
40	Orientation-dependent stereo Wigner time delay and electron localization in a small molecule. Science, 2018, 360, 1326-1330.	6.0	143
41	Using a passively stable attosecond beamline for relative photoemission time delays at high XUV photon energies. Optics Express, 2018, 26, 28604.	1.7	8
42	Spin-orbit delays in photoemission. Physical Review A, 2017, 95, .	1.0	40
43	Attosecond Streaking in the Water Window: A New Regime of Attosecond Pulse Characterization. Physical Review X, 2017, 7, .	2.8	50
44	Study of angular dependence of photoionization time delay in $(n-1)d \rightarrow f$ channels for Zn, Cd and Hg. Journal of Physics: Conference Series, 2017, 875, 022025.	0.3	1
45	Angle-dependent time delay in two-color XUV+IR photoemission of He and Ne. Physical Review A, 2017, 96, .	1.0	44
46	Calculation of atomic photoionization using the nonsingular convergent close-coupling method. Physical Review A, 2017, 95, .	1.0	1
47	Measuring laser carrier-envelope-phase effects in the noble gases with an atomic hydrogen calibration standard. Physical Review A, 2017, 96, .	1.0	6
48	Observation and Control of Laser-Enabled Auger Decay. Physical Review Letters, 2017, 119, 073203.	2.9	29
49	Time delay in XUV/IR photoionization of H <sub>2</sub> O. Journal of Chemical Physics, 2017, 147, 204303.	1.2	14
50	Angle-resolved Wigner time delay in atomic photoionization: The $(n-1)d \rightarrow f$ channels of free and confined Xe. Physical Review A, 2017, 96, .	1.0	27
51	Imaging the square of the correlated two-electron wave function of a hydrogen molecule. Nature Communications, 2017, 8, 2266.	5.8	28
52	Confinement effects and angular dependence of Wigner-Eisenbud-Smith time delay. Journal of Physics: Conference Series, 2017, 875, 022022.	0.3	0
53	Photoionization Time delay in atomic Barium. Journal of Physics: Conference Series, 2017, 875, 022021.	0.3	1
54	Transverse electron momentum distribution in tunneling and over the barrier ionization by laser pulses with varying ellipticity. Scientific Reports, 2016, 6, 19002.	1.6	13

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55	Angular dependence of photoemission time delay in helium. Physical Review A, 2016, 94, .	1.0	119
56	Attosecond Time Delay in Photoemission and Electron Scattering near Threshold. Physical Review Letters, 2016, 117, 143202.	2.9	14
57	Wigner photoemission time delay from endohedral anions. Physical Review A, 2016, 94, .	1.0	16
58	Relativistic calculations of angle-dependent photoemission time delay. Physical Review A, 2016, 94, .	1.0	32
59	Angular anisotropy of time delay in XUV+IR photoionization of $H^{2+}$ . Physical Review A, 2016, 93, .	1.0	13
60	The interaction of excited atoms and few-cycle laser pulses. Scientific Reports, 2016, 6, 34101.	1.6	6
61	Electron angular distributions of noble gases in sequential two-photon double ionization. Journal of Modern Optics, 2016, 63, 324-333.	0.6	20
62	Attosecond time delay in the photoionization of Mn in the region of the $3p$ giant resonance. Physical Review A, 2015, 91, .	1.0	10
63	Dipole phase and photoelectron group delay in inner-shell photoionization. Physical Review A, 2015, 92, .	1.0	18
64	Pulse-shape effects in strong-field atomic ionization by an XUV pulse. Journal of Physics: Conference Series, 2015, 635, 092021.	0.3	0
65	Effect of coulomb confinement resonances on time delay in Ne@C60-5. Journal of Physics: Conference Series, 2015, 635, 092042.	0.3	0
66	Transverse electron momentum distribution in strong field ionization: transition from tunneling to over the barrier ionization regimes. Journal of Physics: Conference Series, 2015, 635, 092077.	0.3	0
67	Transverse electron momentum distribution of spin orbit wave packets. Journal of Physics: Conference Series, 2015, 635, 092006.	0.3	0
68	A time-dependent analysis of transfer ionization in one-dimensional kinematics. Journal of Physics: Conference Series, 2015, 635, 022009.	0.3	0
69	Wigner time delay in quadrupole photoionization channels of atomic Hg. Journal of Physics: Conference Series, 2015, 635, 092097.	0.3	0
70	Interpreting attoclock measurements of tunnelling times. Nature Physics, 2015, 11, 503-508.	6.5	256
71	Measurements of relative photoemission time delays in noble gas atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 245602.	0.6	76
72	Time-dependent calculations of transfer ionization by fast proton-helium collision in one-dimensional kinematics. Physical Review A, 2014, 90, .	1.0	1

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73	Photo-double-ionization of Mg studied by electron-electron-coincidence experiments. Physical Review A, 2014, 89, .	1.0	6
74	Laser-sub-cycle two-dimensional electron-momentum mapping using orthogonal two-color fields. Physical Review A, 2014, 90, .	1.0	55
75	Double ionization probed on the attosecond timescale. Nature Physics, 2014, 10, 207-211.	6.5	74
76	Relativistic effects in time delay of atomic photoionization. Physical Review A, 2014, 89, .	1.0	9
77	Relativistic effects in photoionization time delay near the Cooper minimum of noble-gas atoms. Physical Review A, 2014, 90, .	1.0	34
78	Atomic delay in helium, neon, argon and krypton. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 245003.	0.6	85
79	p-H symmetry breaking in dissociative photoionization of H <sub>2</sub> due to the molecular ion interacting with the ejected electron. Physical Review A, 2014, 89, .	1.0	14
80	Dissociative ionization of H <sub>2</sub> by 400 eV circularly polarized photons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 115006.	0.6	1
81	Two and three-photon double ionization of lithium. Journal of Physics: Conference Series, 2014, 488, 032032.	0.3	0
82	Transverse-electron-momentum distribution in pump-probe sequential double ionization. Physical Review A, 2014, 90, .	1.0	10
83	Displacement effect in strong-field atomic ionization by an XUV pulse. Physical Review A, 2014, 90, .	1.0	22
84	Strong-field ionization of He by elliptically polarized light in attoclock configuration. Physical Review A, 2014, 89, .	1.0	61
85	Attosecond time delay in the photoionization of endohedral atoms A probe of confinement resonances. Physical Review A, 2014, 89, .	1.0	10
86	Two electron interference in angular resolved double photoionization of Mg. Journal of Physics: Conference Series, 2014, 488, 012023.	0.3	0
87	Two-electron interference in angular resolved double photoionization of Mg. Journal of Physics: Conference Series, 2014, 488, 022006.	0.3	0
88	Single photon double ionization of Helium at 800 eV – observation of the Quasi Free Mechanism. Journal of Physics: Conference Series, 2014, 488, 022007.	0.3	0
89	Extraction of the attosecond time delay in atomic photoionization using the soft-photon approximation. Physical Review A, 2013, 87, .	1.0	4
90	Time delay in atomic photoionization with circularly polarized light. Physical Review A, 2013, 87, .	1.0	36

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91	Signature of Two-Electron Interference in Angular Resolved Double Photoionization of Mg. Physical Review Letters, 2013, 110, 083001.	2.9	15
92	Ejection of Quasi-Free-Electron Pairs from the Helium-Atom Ground State by Single-Photon Absorption. Physical Review Letters, 2013, 111, 013003.	2.9	43
93	Two-photon double ionization of the H <sub>2</sub> molecule: Cross sections and amplitude analysis. Physical Review A, 2013, 87, .	1.0	12
94	Time delay in valence-shell photoionization of noble-gas atoms. Physical Review A, 2013, 87, . Measurement of laser intensities approaching $10^{15}$ W/cm <sup>2</sup> with an accuracy of 1%	1.0	107
95	Single-photon double ionization of H <sub>2</sub> away from equilibrium: A showcase of two-center electron interference. Physical Review A, 2012, 86, .	1.0	35
96	Locating the origin of photoelectrons in atomic photoionization. Physical Review A, 2012, 85, .	1.0	3
97	Time-dependent calculations of double photoionization of the aligned H <sub>2</sub> molecule. Physical Review A, 2012, 85, .	1.0	21
98	Differential cross-sections for the double photoionization of lithium. Journal of Physics: Conference Series, 2012, 388, 022053.	0.3	0
99	Atomic photoionization: When does it actually begin?. Journal of Physics: Conference Series, 2012, 388, 032009.	0.3	0
100	Electron- and photon-impact atomic ionisation. Physics Reports, 2012, 520, 135-174.	10.3	127
101	Attosecond time-delay spectroscopy of the hydrogen molecule. Physical Review A, 2012, 86, .	1.0	22
102	Photoemission-time-delay measurements and calculations close to the $3\pi$ -ionization-cross-section minimum in Ar. Physical Review A, 2012, 85, .	1.0	108
103	Timing analysis of two-electron photoemission. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 101003.	0.6	17
104	Experimental ionization of atomic hydrogen with few-cycle pulses. Optics Letters, 2011, 36, 3660.	1.7	18
105	Interference effects in L-shell atomic double photoionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 011002.	0.6	9
106	Strong-field ionization of lithium. Physical Review A, 2011, 83, .	1.0	57
107	On the account of final state correlation in double ionization processes. European Physical Journal D, 2011, 61, 563-569.	0.6	3
108			

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109	Complete characterization of double photoionization processes. <i>Physical Review A</i> , 2011, 83, .	1.0	4
110	Carrier-envelope phase effects in few-cycle ionisation of atomic hydrogen. , 2011, , .		0
111	Above-threshold ionization in atomic hydrogen using intense few-cycle laser pulses. , 2011, , .		0
112	Atomic systems with one and two active electrons in electromagnetic fields: Ionization and high harmonics generation. <i>Journal of Physics: Conference Series</i> , 2010, 212, 012022.	0.3	0
113	Spin-resolved electron-impact ionisation of atoms. <i>Journal of Physics: Conference Series</i> , 2010, 212, 012017.	0.3	1
114	Differential cross sections of double photoionization of lithium. <i>Physical Review A</i> , 2010, 82, .	1.0	8
115	Benchmark calculations for electron impact ionization and ionization-excitation of magnesium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 165205.	0.6	3
116	Spin effects in double photoionization of lithium. <i>Physical Review A</i> , 2010, 81, .	1.0	20
117	Delay in Atomic Photoionization. <i>Physical Review Letters</i> , 2010, 105, 233002.	2.9	147
118	Single-photon double K-shell ionization of low-Z atoms. <i>Journal of Physics: Conference Series</i> , 2010, 212, 012006.	0.3	1
119	Angular anisotropy parameters for sequential two-photon double ionization of helium. <i>Physical Review A</i> , 2009, 79, .	1.0	12
120	K-shell double photoionization of Be, Mg, and Ca. <i>Physical Review A</i> , 2009, 79, .	1.0	13
121	Fully differential cross-section measurements for electron-impact ionization of neon and xenon. <i>Physical Review A</i> , 2009, 79, .	1.0	30
122	Tailoring the waveforms to extend the high-order harmonic generation cutoff. <i>Physical Review A</i> , 2009, 80, .	1.0	9
123	Physical Mechanisms and Scaling Laws of $K$ -Shell Double Photoionization. <i>Physical Review Letters</i> , 2009, 102, 073006.	2.9	68
124	Calculation of HHG spectra in complex atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 145601.	0.6	6
125	Photoelectron angular correlation pattern in sequential two-photon double ionization of neon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 134016.	0.6	11
126	An energetic ( $e, 2e$ ) reaction away from the Bethe ridge: recoil versus binary. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 165204.	0.6	12



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127	Double K-shell photoionization of low-Z atoms and He-like ions. European Physical Journal: Special Topics, 2009, 169, 23-27.	1.2	1
128	Harmonic generation for atoms in fields of varying ellipticity: Single-active-electron model with Hartree-Fock potential. Physical Review A, 2009, 79, .	1.0	10
129	Above-threshold-ionization structures in photoelectron momentum distributions for single ionization of He by a strong electromagnetic field. Physical Review A, 2009, 80, .	1.0	2
130	Two-electron photoionization of ground-state lithium. Physical Review A, 2009, 80, .	1.0	16
131	Angular anisotropy parameters for sequential two-photon double ionization of helium. Journal of Physics: Conference Series, 2009, 194, 022032.	0.3	0
132	A new look at an energetic (e,2e) reaction: Binary versus recoil. Journal of Physics: Conference Series, 2009, 194, 042045.	0.3	0
133	DWBA-G calculations of electron impact ionization of noble gas atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 145201.	0.6	44
134	Photodouble ionization of He with circularly polarized synchrotron radiation: complete experiment and dynamic nodes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 051003.	0.6	6
135	High harmonics generation from excited states of atomic lithium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 115603.	0.6	10
136	Perturbative calculation of two-photon double electron ionization of helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 095002.	0.6	21
137	The ionization of Mg by electron impact at 1000 eV studied by (e, 2e) experiments. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 015201.	0.6	7
138	(e, 2e) triple differential cross-sections for ionization beyond helium: the neon case at large energy transfer. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 085205.	0.6	25
139	Resonant enhancement of generation of harmonics. Physical Review A, 2008, 78, .	1.0	20
140	Recoil-Ion Momentum Distributions for Two-Photon Double Ionization of He and Ne by 44ÅeV Free-Electron Laser Radiation. Physical Review Letters, 2008, 101, 073003.	2.9	132
141	New (e,2e) studies of atomic and molecular targets. Journal of Physics: Conference Series, 2008, 141, 012016.	0.3	11
142	Single-photon double ionization of negative hydrogen ions in the presence of a dc electric field. Physical Review A, 2007, 75, .	1.0	2
143	Angular anisotropy parameters and recoil-ion momentum distribution in two-photon double ionization of helium. Physical Review A, 2007, 76, .	1.0	8
144	Different escape modes in two-photon double ionization of helium. Physical Review A, 2007, 75, .	1.0	8

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145	CzaschetÅal.Reply:. Physical Review Letters, 2007, 98, .	2.9	0
146	Two-photon double ionization of helium in the region of photon energies42â€“50eV. Physical Review A, 2007, 75, .	1.0	61
147	Valence-shell double photoionization of alkaline-earth-metal atoms. Physical Review A, 2007, 75, .	1.0	46
148	Convergent close coupling calculations of two-photon double ionization of He. Journal of Physics: Conference Series, 2007, 88, 012051.	0.3	5
149	(e,3e)on Helium at Low Impact Energy: The Strongly Correlated Three-Electron Continuum. Physical Review Letters, 2007, 98, 193201.	2.9	49
150	Sequential two-photon double ionization of noble gas atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, F313-F318.	0.6	31
151	Direct measurement of spectral momentum densities of ordered and disordered semiconductors by high energy EMS. AIP Conference Proceedings, 2006, , .	0.3	2
152	Nondipole effects in double photoionization of He at 450 eV excess energy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, L35-L43.	0.6	10
153	Elastic and inelastic scattering in electron momentum spectroscopy of amorphous Ge films. Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 78-86.	0.8	0
154	Helium atom in the monochromatic electromagnetic field. European Physical Journal D, 2006, 38, 249-255.	0.6	4
155	Helium atom in presence of DC and AC electric fields. European Physical Journal D, 2006, 38, 471-479.	0.6	5
156	Convergent close-coupling calculations of two-photon double ionization of helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1731-1742.	0.6	45
157	Photodouble ionization studies of the Ne(2s2) state under unequal energy sharing conditions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1899-1912.	0.6	3
158	Band structure of silicon as measured in extended momentum space. Physical Review B, 2006, 73, .	1.1	7
159	Single-photon double ionization of helium in the presence of dc electric field. Physical Review A, 2006, 74, .	1.0	5
160	Angular correlation in the two-electron continuum. Physical Review A, 2006, 73, .	1.0	12
161	Electron momentum spectroscopy of light and heavy targets. Journal of Electron Spectroscopy and Related Phenomena, 2005, 149, 20-28.	0.8	3
162	Spectral momentum densities of vanadium and vanadium oxide as measured by high energy (e, 2e) spectroscopy. Journal of Physics Condensed Matter, 2005, 17, 7689-7704.	0.7	2

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163	Photo double ionization of helium 100 eV and 450 eV above threshold: II. Circularly polarized light. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 635-643.	0.6	7
164	Photo double ionization of helium 100 eV and 450 eV above threshold: I. Linearly polarized light. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 615-633.	0.6	17
165	Photo double ionization of helium 100 eV and 450 eV above threshold: III. Gerade and ungerade amplitudes and their relative phases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 645-657.	0.6	15
166	On the use of the Kramers-Henneberger Hamiltonian in multi-photon ionization calculations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 2245-2255.	0.6	9
167	Parametrizations and dynamical analysis of angle-integrated cross sections for double photoionization including nondipole effects. Physical Review A, 2005, 72, .	1.0	9
168	Double photoionization of He and H <sub>2</sub> at unequal energy sharing. Physical Review A, 2005, 72, .	1.0	21
169	Lippmann-Schwinger description of multiphoton ionization. Physical Review A, 2005, 71, .	1.0	6
170	Triple Coincidence (e, 1 <sup>3</sup> e) Experiment for Simultaneous Electron Impact Ionization Excitation of Helium. Physical Review Letters, 2005, 95, 033201.	2.9	42
171	Partial Photoionization Cross Sections and Angular Distributions for Double Excitation of Helium up to the N=13 Threshold. Physical Review Letters, 2005, 95, 243003.	2.9	27
172	Reply to "Comment on "Appearance and disappearance of the second Born effects in the (e, 3e) reaction on He". Physical Review A, 2005, 71, .	1.0	5
173	Single-center model for double photoionization of the H <sub>2</sub> molecule. Physical Review A, 2005, 71, .	1.0	26
174	Electron Momentum Spectroscopy. , 2005, , 641-659.		0
175	Mechanisms of Photo Double Ionization of Helium by 530 eV Photons. , 2005, , 121-129.		0
176	Experimental observation of initial-state effects in photo-double-ionization of Ne 2s. Physical Review A, 2004, 70, .	1.0	9
177	Second-order Born model for two-electron atomic ionization by fast charged-particle impact. Physical Review A, 2004, 69, .	1.0	47
178	Fully Differential Cross Sections for Photo-Double-Ionization of D <sub>2</sub> . Physical Review Letters, 2004, 92, 163001.	2.9	74
179	Electronic structure of copper studied by electron momentum spectroscopy. Physical Review B, 2004, 70, .	1.1	9
180	Complete photo-fragmentation of the deuterium molecule. Nature, 2004, 431, 437-440.	13.7	145

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181	Many-particle dynamics in atomic and molecular physics investigated with the COLTRIMS-technique: New inside into e-e correlation. Nuclear Physics A, 2004, 737, 306-313.	0.6	4
182	Electronic band structure of calcium oxide. Journal of Electron Spectroscopy and Related Phenomena, 2004, 141, 27-38.	0.8	27
183	The direct measurement of spectral momentum densities of silicon with high energy spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2004, 141, 95-104.	0.8	6
184	Convergent calculations of double ionization of helium: From $(\hat{1}^3, 2e)$ to $(e, 3e)$ processes. Physical Review A, 2004, 69, .	1.0	36
185	The Photodouble Ionisation of Helium and Heavier Rare Gases. Physica Scripta, 2004, 110, 62.	1.2	5
186	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.	1.9	4
187	Spectral properties of quasiparticles in silicon: a test of many-body theory. Physical Review B, 2003, 68, .	1.1	32
188	Appearance and disappearance of the second Born effects in the $(e, 3e)$ reaction on He. Physical Review A, 2003, 68, .	1.0	28
189	Electronic band structure of beryllium oxide. Journal of Physics Condensed Matter, 2003, 15, 3567-3581.	0.7	46
190	Double shake-off model for the triple photoionization of beryllium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, L211-L217.	0.6	11
191	A procedure to extract the complex amplitudes of He photodouble ionization from experimental data. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, L241-L247.	0.6	19
192	Double photoionization: beyond helium atom. AIP Conference Proceedings, 2003, , .	0.3	1
193	Revealing the non- s 2 contributions in the momentum wave function of ground-state He. Europhysics Letters, 2003, 62, 477-483.	0.7	30
194	Anisotropy and Correlation Effects in the Spectral Function of Graphite as measured by Electron Momentum Spectroscopy. AIP Conference Proceedings, 2003, , .	0.3	2
195	Fast $p \rightarrow He$ Transfer Ionization Processes: A Window to Reveal the Non-s2 Contributions in the Momentum Wave Function of Ground $\hat{e}$ State He. Springer Series on Atomic, Optical, and Plasma Physics, 2003, , 353-378.	0.1	3
196	Close-Coupling Approach to Multiple $\hat{e}$ Atomic Ionization. Springer Series on Atomic, Optical, and Plasma Physics, 2003, , 137-151.	0.1	0
197	Mechanisms of Photo Double Ionization of Helium by 530 eV Photons. Physical Review Letters, 2002, 89, 033004.	2.9	111
198	Symmetrized amplitudes of the helium-atom double photoionization. Physical Review A, 2002, 65, .	1.0	32

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199	Quantitative measurement of the spectral function of aluminum and lithium by electron momentum spectroscopy. <i>Physical Review B</i> , 2002, 66, .	1.1	24
200	Comparative theoretical study of $(e, 3e)$ on helium: Coulomb-waves versus close-coupling approach. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, L15-L21.	0.6	26
201	Electrons and photons colliding with atoms: development and application of the convergent close-coupling method. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, R117-R146.	0.6	202
202	Double photoionization of He at 80 eV excess energy in the equal-energy-sharing condition. <i>Physical Review A</i> , 2002, 65, .	1.0	25
203	Double ionization of helium by electron impact in the impulsive regime. <i>Physical Review A</i> , 2002, 65, .	1.0	60
204	On different mechanisms of the two-electron atomic photoionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, L247-L252.	0.6	44
205	Frozen-core model of the double photoionization of beryllium. <i>Physical Review A</i> , 2001, 65, .	1.0	48
206	Helium $(\hat{I}^3, 2e)$ triple differential cross sections at an excess energy of 60 eV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, L525-L533.	0.6	38
207	The Spectral Momentum Density of Aluminium, Copper and Gold Measured by Electron Momentum Spectroscopy. <i>Zeitschrift Fur Physikalische Chemie</i> , 2001, 215, .	1.4	7
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