

Masashi Kitajima

List of Publications by Year in descending order

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149
papers

2,407
citations

186265

28
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39
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all docs

150
docs citations

150
times ranked

1307
citing authors

#	ARTICLE	IF	CITATIONS
1	Violation of the Franck-Condon Principle due to Recoil Effects in High Energy Molecular Core-Level Photoionization. <i>Physical Review Letters</i> , 2005, 95, 133001.	7.8	125
2	State-to-State Behavior in the Neutral Dissociation of O ₂ Far beyond the Ionization Threshold. <i>Physical Review Letters</i> , 1995, 74, 239-242.	7.8	65
3	Ultrafast dissociation of F 1s excited SF ₆ probed by electron-ion momentum coincidence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 1-10.	1.5	56
4	Elastic electron scattering from C ₆ H ₆ and C ₆ F ₆ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 1019-1038.	1.5	49
5	Site-selective ion production of the core-excited CH ₃ F molecule probed by Auger-electron-ion coincidence measurements. <i>Physical Review A</i> , 2005, 72, .	2.5	47
6	Electron collisions with ethylene. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 1615-1626.	1.5	46
7	Doppler Effect in Resonant Photoemission from SF ₆ : Correlation between Doppler Profile and Auger Emission Anisotropy. <i>Physical Review Letters</i> , 2003, 91, 213003.	7.8	43
8	High-resolution total-cross-section measurements for electron scattering from Ar, Kr, and Xe employing a threshold-photoelectron source. <i>Physical Review A</i> , 2011, 84, .	2.5	42
9	Total cross sections of electron and positron collisions with C ₃ F ₈ and C ₃ H ₈ molecules and differential elastic and vibrational excitation cross sections by electron impact on these molecules. <i>Physical Review A</i> , 1999, 59, 2006-2015.	2.5	41
10	Vibrational effects on the shape resonance energy in the K-shell photoionization spectra of CO. <i>Physical Review A</i> , 2003, 68, .	2.5	41
11	Symmetry-Resolved Vibrational Spectra of Carbon K-Shell Photoelectron Satellites in Carbon Monoxides: Experiment and Theory. <i>Physical Review Letters</i> , 2005, 94, .	7.8	41
12	Experimental study of 4f wavefunction contraction: 4d-photoionization of low-charged ions of I, Xe, Cs and Ba. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 2845-2860.	1.5	40
13	Anisotropic Ultrafast Dissociation Probed by the Doppler Effect in Resonant Photoemission from CF ₄ . <i>Physical Review Letters</i> , 2003, 90, 233006.	7.8	40
14	Photoabsorption, photoionization, and neutral-dissociation cross sections of C ₂ H ₆ and C ₃ H ₈ in the extreme-uv region. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 79, 391-393.	1.7	39
15	Vibrationally resolved photoionization of the 1σ _g and 1σ _u shells of N ₂ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 375-386.	1.5	38
16	Experimental Determination of Auger-Decay Amplitudes from the Angular Correlations in Auger Cascade Following the 2p [†] 4s Photoexcitation in Ar. <i>Physical Review Letters</i> , 1999, 83, 5463-5466.	7.8	36
17	4d Photoionization of multiply charged Xe ^{q+} (q= 1-3) ions. <i>Physica Scripta</i> , 1997, T73, 131-132.	2.5	35
18	Electron scattering from N ₂ O: absolute elastic scattering and vibrational excitation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 1687-1702.	1.5	35

#	ARTICLE	IF	CITATIONS
19	Experimental and theoretical study of the Auger cascade following $2p\pi^*4s$ photoexcitation in Ar. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 107-119.	1.5	35
20	Low-energy electron scattering by $CH_3F, CH_2F_2, CHF_3,$ and CF_4 . Physical Review A, 2002, 65, .	2.5	35
21	C1s and O1s photoelectron satellite spectra of CO with symmetry-dependent vibrational excitations. Journal of Chemical Physics, 2006, 125, 114304.	3.0	35
22	Experimental and theoretical study of the Auger cascade following $3d\pi^*5p$ photoexcitation in Kr. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3829-3842.	1.5	33
23	Total and elastic cross-sections of electron and positron scattering from C_3H_4 molecules (allene and) Tj ETQq1 1 0,784314 rgBT /Overle	2.6	33
24	Low-energy electron scattering from C_3H_4 isomers: ϵ_f Differential cross sections for elastic scattering and vibrational excitation. Physical Review A, 2002, 66, .	2.5	32
25	Photoelectron recapture as a tool for the spectroscopy of ionic Rydberg states. Physical Review A, 2004, 70, .	2.5	31
26	Dynamical Auger Emission Induced by Multistate Vibronic Coupling in the Core-Excited States of the BCl_3 Molecule. Physical Review Letters, 2000, 85, 3129-3132.	7.8	29
27	Differential cross sections for vibrational excitation of CO_2 by 1.5-30 eV electrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 1929-1940.	1.5	28
28	Electronic excitation of tetrafluoroethylene, C_2F_4 . Chemical Physics, 2004, 297, 257-269.	1.9	28
29	Electronic state dependence in the dissociation of core-ionized methane. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 3677-3692.	1.5	28
30	Vibrationally resolved partial cross sections and asymmetry parameters for nitrogen K -shell photoionization of the K -shell photoionization of the N_2 molecule. Physical Review A, 2007, 76, .	2.5	28
31	X-ray absorption and resonant Auger spectroscopy of O_2 in the vicinity of the $O\ 1s\pi^*f^*$ resonance: Experiment and theory. Journal of Chemical Physics, 2008, 128, 064304.	3.0	28
32	Vibrationally resolved C and O 1s photoelectron spectra of carbon monoxides. Chemical Physics Letters, 2006, 417, 89-93.	2.6	27
33	Absolute differential cross sections for electron impact excitation of the 10.8-11.5 eV energy-loss states of CO_2 . Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 567-587.	1.5	26
34	VUV and low energy electron impact study of electronic state spectroscopy of CF_3I . International Journal of Mass Spectrometry, 2003, 223-224, 647-660.	1.5	25
35	Angular correlation between Auger electrons successively emitted from photoexcited resonances in Kr and Xe. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 319-329.	1.5	25
36	C 1s and O 1s photoelectron spectra of formaldehyde with satellites: theory and experiment. Journal of Electron Spectroscopy and Related Phenomena, 2005, 142, 253-259.	1.7	24

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37	Absolute photoionization cross section measurements of Xe ⁺ ions in the 4d threshold energy region. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3493-3499.	1.5	23
38	Doppler-Free Resonant Raman Auger Spectroscopy of Ne+2s2p53p Excited States. Physical Review Letters, 2003, 90, 153005.	7.8	23
39	Investigation of valence inter-multiplet Auger transitions in Ne following 1s photoelectron recapture. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 2229-2243.	1.5	23
40	Symmetry and vibrationally resolved absorption spectra near the O K edge of N ₂ O: Experiment and theory. Chemical Physics Letters, 2007, 435, 182-187.	2.6	23
41	Photoion-yield spectra of in the 4d-threshold energy region. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 4137-4141.	1.5	22
42	Low-energy electron impact elastic and inelastic scattering from CF ₃ I. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 3257-3263.	1.5	21
43	3D-ion-momentum/high-resolution-electron coincidence measurements. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 227-230.	1.7	20
44	Effect of entanglement on the decay dynamics of a pair of H(2p) atoms due to spontaneous emission. Physical Review A, 2010, 82, .	2.5	20
45	Dissociative single and double photoionization with excitation between 37 and 69 eV in N ₂ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 473-490.	1.5	19
46	Nuclear motion and symmetry breaking of the B 1s-excited BF ₃ molecule. Chemical Physics, 2003, 289, 135-147.	1.9	19
47	Angular distribution of different vibrational components of the X and B states reached after resonant Auger decay of core-excited H ₂ O: Experiment and theory. Journal of Chemical Physics, 2005, 122, 084306.	3.0	19
48	Lifetime interference effect on the angular distribution of the Auger electron emission following resonant Auger decay from 2p to 4s photoexcited Ar. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, L291-L296.	1.5	18
49	Photodissociation of CO: partial cross sections for neutral dissociative excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 3629-3650.	1.5	17
50	Experimental and theoretical study of the Auger cascade following 4d \rightarrow 6p photoexcitation in Xe. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 3327-3335.	1.5	17
51	Electron scattering from tetrafluoroethylene. Journal of Chemical Physics, 2004, 121, 4559-4569.	3.0	17
52	Symmetry- and vibrationally-resolved C K-shell photoionization studies of C ₂ H ₂ . Chemical Physics Letters, 2006, 421, 256-260.	2.6	17
53	Symmetry-resolved x-ray absorption fine structure and resonant Auger spectator-electron decay study of O $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mrow} \rangle \langle \text{mn} \rangle 1 \langle \text{/mn} \rangle \langle \text{mi} \rangle s \langle \text{/mi} \rangle \langle \text{mo} \rangle \hat{\uparrow} \langle \text{/mo} \rangle \langle \text{mtext} \rangle \text{Rydberg} \langle \text{/mtext} \rangle$ in $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{msub} \rangle \langle \text{mi} \text{mathvariant="normal"} \rangle \text{O} \langle \text{/mi} \rangle \langle \text{mn} \rangle 2 \langle \text{/mn} \rangle \langle \text{msub} \rangle \langle \text{/math} \rangle$. Physical Review A, 2008, 78, .	2.5	17
54	Total cross sections for electron scattering from He and Ne at very low energies. Physical Review A, 2014, 89, .	2.5	17

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55	Absolute elastic differential cross-sections for electron scattering by N ₂ O at 1.5 eV. <i>Chemical Physics Letters</i> , 1999, 309, 414-420.	2.6	16
56	Interplay of different partial waves on vibrationally resolved photoionization of the O K-shell of the CO molecule. <i>Physical Review A</i> , 2004, 70, .	2.5	16
57	Resonant Auger decay of above-threshold core-excited H ₂ O. <i>Physical Review A</i> , 2005, 71, .	2.5	16
58	A study of inner-valence Auger transitions in Ne ⁺ induced by the resonant Auger decay of photoexcited Ne 1s ² 1np states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 1299-1322.	1.5	16
59	Threshold photoelectron source for the study of low-energy electron scattering: Total cross section for electron scattering from krypton in the energy range from 14 eV to 20 eV. <i>Physical Review A</i> , 2010, 82, .	2.5	16
60	Low-energy and very-low energy total cross sections for electron collisions with N ₂ . <i>European Physical Journal D</i> , 2017, 71, 1.	1.3	16
61	Total and elastic cross-sections for electron and positron scattering from OCS molecule: A comparative study with CO ₂ . <i>Journal of Chemical Physics</i> , 1999, 111, 245-252.	3.0	15
62	Application of an atomic relaxation model for the interpretation of O 1s to Rydberg excited Auger electron spectra of molecular oxygen. <i>Chemical Physics Letters</i> , 2004, 398, 168-174.	2.6	15
63	Effect of vibrations on C 1s photoemission in formaldehyde in the shape resonance region. <i>Physical Review A</i> , 2005, 71, .	2.5	15
64	Vibrationally resolved partial cross sections and asymmetry parameters for carbon K-shell photoionization of the CO ₂ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 3047-3056.	1.5	15
65	Threshold behaviour of neutral photodissociation with excitation of CO probed by dispersed fragment VUV fluorescence. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 5283-5293.	1.5	14
66	Coincidence measurements of the dissociative photoionization excitation of N ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, L185-L190.	1.5	13
67	Dissociation Dynamics of N ₂ O in Superexcited States As Probed by Two-Dimensional Fluorescence Spectroscopy. <i>Journal of Physical Chemistry A</i> , 1997, 101, 656-667.	2.5	13
68	The excitation mechanism of the lowest-energy satellite bands in the C 1s core level photoemission of CO ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, L381-L386.	1.5	13
69	Angle-resolved ion yield spectroscopy for the 1s ² 3s ² excited states in hot N ₂ O molecules. <i>Chemical Physics Letters</i> , 2006, 428, 34-38.	2.6	13
70	Doubly excited states of ammonia produced by photon and electron interactions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 195204.	1.5	13
71	Ultra-low-energy electron scattering cross section measurements of Ar, Kr and Xe employing the threshold photoelectron source. <i>European Physical Journal D</i> , 2012, 66, 1.	1.3	13
72	One-electron and multi-electron transitions observed in the excitation function of the dissociative photoionization excitation of. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 1711-1722.	1.5	12

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73	Deexcitation of Ne(3P1) and Ne(3P2) in collisions with Ar, Kr, and Xe. Journal of Chemical Physics, 1997, 107, 2386-2394.	3.0	12
74	Electron scattering from perfluorocyclobutane (c-C4F8). Journal of Chemical Physics, 2004, 121, 5272-5280.	3.0	12
75	Symmetry-Resolved Absorption Spectra of Vibrationally Excited CO ₂ Molecules. Physical Review Letters, 2005, 95, 203002.	7.8	12
76	Probing the valence character of O 1s Rydberg excited O ₂ by participator Auger decay measurements and partial ion yield spectroscopy following x-ray absorption. Journal of Chemical Physics, 2007, 126, 174304.	3.0	12
77	Experimental and theoretical study of double-electron capture in collisions of slow C ⁴⁺ (1s2S1) with He(1s2S1). Physical Review A, 2007, 75, .	2.5	12
78	Vibrationally resolved nitrogen K-shell photoelectron spectra of the dinitrogen oxide molecule: Experiment and theory. Chemical Physics Letters, 2007, 438, 14-19.	2.6	12
79	Deexcitation cross sections of Ne(3P ₂ , 3P ₁ , and 3P ₀) by molecules containing group IV elements. Journal of Chemical Physics, 1993, 98, 6190-6195.	3.0	11
80	Low-energy electron scattering by CF ₃ Cl and CF ₃ Br: elastic scattering and vibrational excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1843-1856.	1.5	11
81	Symmetry- and multiplet-resolved N 1s photoionization cross sections of the NO ₂ molecule. Physical Review A, 2004, 70, .	2.5	11
82	Experimental and theoretical study of resonant Auger decay of core-excited NO ₂ . Chemical Physics Letters, 2004, 399, 426-432.	2.6	10
83	Interference effects in Auger resonant Raman spectra of CO via selective vibrational excitations across the O 1s resonance. Physical Review A, 2005, 72, .	2.5	10
84	Intramolecular Auger-electron scattering in the ultrafast dissociation of CF ₄ at the 1s a ₁ * excitation. Physical Review A, 2005, 71, .	2.5	10
85	Vibrationally resolved partial cross sections and asymmetry parameters for oxygen K-shell photoionization of the CO ₂ molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3655-3663.	1.5	10
86	Doubly excited states of H ₂ as studied by angle-resolved electron energy loss spectroscopy in coincidence with detecting Lyman- β photons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 065203.	1.5	10
87	Angular correlation of a pair of Lyman- β photons produced in the photodissociation of H ₂ . Physical Review A, 2014, 90, .	2.5	10
88	Deexcitation of He(2s ¹ P) in a collision with Ne. Journal of Chemical Physics, 1994, 100, 8072-8079.	3.0	9
89	CO Rydberg series converging to the D and C states observed by VUV-fluorescence spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 1907-1926.	1.5	9
90	Angle-resolved study of the Auger electron cascades following the 3d ⁵ /2p ¹ 5p photoexcitation of Kr. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, L475-L480.	1.5	9

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91	The electron-energy-loss spectra of methane tagged with Lyman- $\hat{\pm}$ photons in the range of doubly excited states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 2459-2470.	1.5	9
92	Angle-resolved photoion yield and resonant Auger spectroscopy for the doubly excited Rydberg states above the C $\langle\text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\rangle\langle\text{mml:mrow}\rangle\langle\text{mml:mn}\rangle 1\langle\text{mml:mn}\rangle\langle\text{mml:mi mathvariant="bold-italic}\rangle s\langle\text{mml:mi}\rangle\langle\text{mml:mrow}\rangle\langle\text{mml:math}\rangle$ threshold of CO. Physical Review A, 2008, 78, .	2.5	9
93	Differential cross sections for the dissociative single and double excitations resulting in H(2p) formation in electron $\hat{\epsilon}$ CH $\langle\text{sub}\rangle 4\langle\text{sub}\rangle$ collisions at 80 eV incident electron energy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 155208.	1.5	9
94	Formation of metastable atomic hydrogen in the 2sstate from symmetry-resolved doubly excited states of molecular hydrogen. Physical Review A, 2011, 84, .	2.5	9
95	Probing doubly excited ionic states ofN2+via a triple excitation above the N1sthreshold in theN2molecule. Physical Review A, 2003, 67, .	2.5	8
96	Non-Franck $\hat{\epsilon}$ Condon behavior in the C 1s photoelectron spectrum of the methane molecule. Chemical Physics Letters, 2005, 411, 33-36.	2.6	8
97	Electron transfer during the dissociation of $\langle\text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display=" inline">\rangle\langle\text{mml:mrow}\rangle\langle\text{mml:mi mathvariant="normal"}\rangle C\langle\text{mml:msub}\rangle\langle\text{mml:mi mathvariant="normal"}\rangle H\langle\text{mml:mi}\rangle\langle\text{mml:mn}\rangle 3\langle\text{mml:mn}\rangle\langle\text{mml:msub}\rangle\langle\text{mml:msup}\rangle\langle\text{mml:mi mathvariant="normal"}\rangle F\langle\text{mml:mi}\rangle\langle\text{mml:mo}\rangle +\langle\text{mml:mo}\rangle\langle\text{mml:msup}\rangle\langle\text{mml:mrow}\rangle\langle\text{mml:math}\rangle$ produced by resonant photoionization following F $\langle\text{mml:math}\rangle$	2.5	8
98	Inner-valence excited and multiply excited states of molecular oxygen around the double-ionization potential as probed by a pair of fluorescence photons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 055101.	1.5	8
99	High resolution measurement for the resonant Auger emission of Xe following 3d5/2 $\hat{\pm}$ 6p excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, L377-L382.	1.5	7
100	Control of nuclear motion in the B 2b2ionic state of water via an Auger resonant Raman process. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, L23-L29.	1.5	7
101	Electron and positron scattering from perfluorocyclobutane(c $\hat{\sim}$ C4F8)molecules. Physical Review A, 2005, 71, .	2.5	7
102	Individual fundamental mode dependence of H2O vibrational excitation in the 6 $\hat{\epsilon}$ 8 eV resonance region by electron impact. Journal of Chemical Physics, 2005, 122, 014314.	3.0	7
103	Electronic Doppler effect in resonant Auger decay of CO molecules upon excitation near a shake-up $\langle\text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\rangle\langle\text{mml:mi}\rangle\hat{\langle\text{mml:mi}\rangle}\langle\text{mml:math}\rangle$ resonance. Physical Review A, 2007, 76, .	2.5	7
104	Doubly excited states of water as studied by electron energy loss spectroscopy in coincidence with detecting Lyman- $\hat{\pm}$ photons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 175207.	1.5	7
105	Dynamics of theQ2 \hat{u} 1(1)state studied from the isotope effect on the cross sections for the formation of the2patom pair in the photoexcitation ofH2andD2. Physical Review A, 2016, 93, .	2.5	7
106	Doubly excited states resulting in H(2p) formation in the photoexcitation of water. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 215206.	1.5	6
107	High-resolution resonant Auger spectroscopy of CF4, SiF4, and SF6. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 199-202.	1.7	5
108	The generation of a pair of photons from superexcited states of nitric oxide around the double ionization potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 225101.	1.5	5

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109	Rotational Analysis for the Doppler-Free Photoelectron Spectrum of Water Using the Spectator Model. Journal of Physical Chemistry A, 2010, 114, 11133-11138.	2.5	5
110	Total cross-section for low-energy and very low-energy electron collisions with O ₂ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 035201.	1.5	5
111	RESONANT AUGER DECAY OF Xe3d-16p TO Xe+4d-2np. Surface Review and Letters, 2002, 09, 51-55.	1.1	4
112	Angular differential energy gain measurements of highly charged ion-atom collisions at 100 and 120 eV/q. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 568-572.	1.4	4
113	Doppler-free resonant Raman Auger spectroscopy study on atoms and molecules. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 271-276.	1.7	4
114	Excitation mechanism of the lowest-energy satellite bands in F 1s photoemission from SF6. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 207-209.	1.7	4
115	Vibrationally resolved photoionization of the O K-shell of CO molecule. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 211-214.	1.7	4
116	Dissociative photoionization of O2 in the vuv region studied by photoion kinetic energy spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1996, 79, 471-474.	1.7	3
117	Angular Resolved Energy Gain Spectroscopy to Study Double Electron-Capture Processes in Very Slow C4+He Collisions. Physica Scripta, 2001, T92, 339-340.	2.5	3
118	Detection of Non-Emissive CH3 and CH2 Radicals via Low-Lying Electronic States of CH4 by Electron Impact. Physica Scripta, 2004, 110, 420.	2.5	3
119	The excitation mechanism of satellite bands in F 1s photoemission of SiF4. Chemical Physics Letters, 2005, 402, 17-20.	2.6	3
120	A new spectroscopic method for resolving the electronic symmetry properties of the highly excited molecules produced in photoexcitation. Review of Scientific Instruments, 2010, 81, 063108.	1.3	3
121	Reply to "Comment on "Effect of entanglement on the decay dynamics of a pair of H atoms due to spontaneous emission". Physical Review A, 2011, 83, .	2.5	3
122	Database and Related Activities in Japan. , 2011, , .		3
123	Three-body neutral dissociations of a multiply excited water molecule around the double ionization potential. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 215204.	1.5	3
124	Measurements of ultra-low-energy electron scattering cross sections of atoms and molecules. , 2014, , .		3
125	Breaking space-inversion symmetry in the dynamics of the doubly excited Q^2 state of HD. Physical Review A, 2019, 99, .	2.5	3
126	Entangled pairs of 2p atoms produced in photodissociation of H2 and D2. Physical Review A, 2019, 99, .	2.5	3

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127	Neutral photodissociation of CO into excited fragments investigated by dispersed fluorescence spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 80, 21-24.	1.7	2
128	Crossed Beam Experiment for Multi-Electron Capture in Ion ? Atom Collisions in the Energy Range of 10?100 eV/q. <i>Physica Scripta</i> , 1999, T80, 377.	2.5	2
129	Quasi-isotropic fragmentation of PF5 following P 2p photoabsorption. <i>Chemical Physics Letters</i> , 1999, 308, 45-50.	2.6	2
130	Observation of resonance structures in 4d photoionization of Eu+. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 71-74.	1.7	2
131	Cross sections for the formation of H(n = 2) atom via superexcited states in photoexcitation of methane and ammonia. <i>Journal of Chemical Physics</i> , 2013, 139, 164307.	3.0	2
132	Elastic scattering of slow electrons from ethylene. <i>Radiation Physics and Chemistry</i> , 2003, 68, 233-237.	2.8	1
133	The lowest-energy spectator Auger band of the CH3F molecule observed via F and C1s?ff* excitation. <i>Chemical Physics Letters</i> , 2005, 413, 263-266.	2.6	1
134	Angle-resolved photoelectron spectroscopy of the satellite bands accompanying the O 1s mainline of CO2. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 203-205.	1.7	1
135	Total cross sections for electron scattering from noble-gas atoms in near- and below-thermal energy collisions. <i>Journal of Physics: Conference Series</i> , 2015, 635, 012030.	0.4	1
136	Excitation-energy resolved fluorescence spectra of hydrogen molecules in the regime of singly excited molecular states. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112130.	0.4	1
137	Domination of dissociative double-electron excitation over dissociative single-electron excitation in electron collisions with NH_3 . <i>Physical Review A</i> , 2017, 96, .	2.5	1
138	Formation of hot hydrogen atoms from superexcited states of acetylene. <i>Journal of Chemical Physics</i> , 2018, 149, 244302.	3.0	1
139	Electron correlation in double photoexcitation of H2S as studied by H(2p) formation: Comparison with H2O. <i>Physical Review A</i> , 2018, 98, .	2.5	1
140	Excitation function measurements of the dissociative photoionization excitation of N2. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 79, 467-469.	1.7	0
141	Neutral dissociation of N2O in superexcited states. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 80, 25-27.	1.7	0
142	Total cross section for electron scattering from Ar, Kr, Ne and N_2 in cold electron collisions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 042004.	0.4	0
143	Total cross sections for electron scattering from He and Ne in cold electron collisions. <i>Journal of Physics: Conference Series</i> , 2014, 488, 042015.	0.4	0
144	Angular correlation measurements of a pair of Lyman- β photons emitted in the photodissociation of H2. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112016.	0.4	0

#	ARTICLE	IF	CITATIONS
145	Cross sections for ultra-low-energy electron scattering from atoms and molecules. AIP Conference Proceedings, 2016, , .	0.4	0
146	A space-charge-effect-compensated electron monochromator for electron-impact multi-coincidence measurements. Journal of Physics: Conference Series, 2017, 875, 062021.	0.4	0
147	The observation of the pair of Lyman- \hat{l}_{\pm} and Lyman- \hat{l}^2 photons produced in the photodissociation of H_2 . Journal of Physics: Conference Series, 2017, 875, 032002.	0.4	0
148	Cross sections for the formation of H(2p) atom via doubly excited states in photoexcitation of rotationally cold H_2 . Journal of Physics: Conference Series, 2017, 875, 032037.	0.4	0
149	Analytical expression for the angular correlation function of two Lyman- \hat{l}_{\pm} photons in the photodissociation of hydrogen molecules. Physical Review A, 2021, 103, .	2.5	0