

# Masashi Kitajima

## List of Publications by Year in descending order

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149  
papers

2,407  
citations

186265

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150  
docs citations

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times ranked

1307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical expression for the angular correlation function of two Lyman- $\hat{I}_{\pm}$ photons in the photodissociation of hydrogen molecules. Physical Review A, 2021, 103.	2.5	0
2	Breaking space-inversion symmetry in the dynamics of the doubly excited $Q_{2^2}$ state of HD. Physical Review A, 2019, 99, .	2.5	3
3	Entangled pairs of 2p atoms produced in photodissociation of H <sub>2</sub> and D <sub>2</sub> . Physical Review A, 2019, 99, .	2.5	3
4	Total cross-section for low-energy and very low-energy electron collisions with O <sub>2</sub> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 035201.	1.5	5
5	Formation of hot hydrogen atoms from superexcited states of acetylene. Journal of Chemical Physics, 2018, 149, 244302.	3.0	1
6	Electron correlation in double photoexcitation of H <sub>2</sub> S as studied by H( 2p ) formation: Comparison with H <sub>2</sub> O. Physical Review A, 2018, 98, .	2.5	1
7	Low-energy and very-low energy total cross sections for electron collisions with N <sub>2</sub> . European Physical Journal D, 2017, 71, 1.	1.3	16
8	Domination of dissociative double-electron excitation over dissociative single-electron excitation in electron collisions with NH <sub>3</sub> . Physical Review A, 2017, 96, .	2.5	1
9	A space-charge-effect-compensated electron monochromator for electron-impact multi-coincidence measurements. Journal of Physics: Conference Series, 2017, 875, 062021.	0.4	0
10	The observation of the pair of Lyman- $\hat{I}_{\pm}$ and Lyman- $\hat{I}^2$ photons produced in the photodissociation of H <sub>2</sub> . Journal of Physics: Conference Series, 2017, 875, 032002.	0.4	0
11	Cross sections for the formation of H(2p) atom via doubly excited states in photoexcitation of rotationally cold H <sub>2</sub> . Journal of Physics: Conference Series, 2017, 875, 032037.	0.4	0
12	Cross sections for ultra-low-energy electron scattering from atoms and molecules. AIP Conference Proceedings, 2016, , .	0.4	0
13	Dynamics of the $Q_{2^2}u(1)$ state studied from the isotope effect on the cross sections for the formation of the 2p atom pair in the photoexcitation of H <sub>2</sub> and D <sub>2</sub> . Physical Review A, 2016, 93, .	2.5	7
14	Total cross sections for electron scattering from noble-gas atoms in near- and below-thermal energy collisions. Journal of Physics: Conference Series, 2015, 635, 012030.	0.4	1
15	Excitation-energy resolved fluorescence spectra of hydrogen molecules in the regime of singly excited molecular states. Journal of Physics: Conference Series, 2015, 635, 112130.	0.4	1
16	Angular correlation measurements of a pair of Lyman- $\hat{I}_{\pm}$ photons emitted in the photodissociation of H <sub>2</sub> . Journal of Physics: Conference Series, 2015, 635, 112016.	0.4	0
17	Measurements of ultra-low-energy electron scattering cross sections of atoms and molecules. , 2014, , .		3
18	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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19	Angular correlation of a pair of Lyman- $\hat{\pm}$ photons produced in the photodissociation of H <sub>2</sub> . Physical Review A, 2014, 90, .	2.5	10
20	Total cross sections for electron scattering from He and Ne in cold electron collisions. Journal of Physics: Conference Series, 2014, 488, 042015.	0.4	0
21	Cross sections for the formation of H(n = 2) atom via superexcited states in photoexcitation of methane and ammonia. Journal of Chemical Physics, 2013, 139, 164307.	3.0	2
22	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
23	Total cross section for electron scattering from Ar, Kr, Ne and N <sub>2</sub> in cold electron collisions. Journal of Physics: Conference Series, 2012, 388, 042004.	0.4	0
24	Ultra-low-energy electron scattering cross section measurements of Ar, Kr and Xe employing the threshold photoelectron source. European Physical Journal D, 2012, 66, 1.	1.3	13
25	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
26	Doubly excited states of H <sub>2</sub> as studied by angle-resolved electron energy loss spectroscopy in coincidence with detecting Lyman- $\hat{\pm}$ photons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 065203.	1.5	10
27	High-resolution total-cross-section measurements for electron scattering from Ar, Kr, and Xe employing a threshold-photoelectron source. Physical Review A, 2011, 84, .	2.5	42
28	Formation of metastable atomic hydrogen in the 2s state from symmetry-resolved doubly excited states of molecular hydrogen. Physical Review A, 2011, 84, .	2.5	9
29	Reply to "Comment on "Effect of entanglement on the decay dynamics of a pair of H(2p) atoms due to spontaneous emission". Physical Review A, 2011, 83, .	2.5	3
30	Database and Related Activities in Japan. , 2011, , .		3
31	Differential cross sections for the dissociative single and double excitations resulting in H(2p) formation in electron-CH <sub>4</sub> collisions at 80 eV incident electron energy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 155208.	1.5	9
32	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. Physical Review A, 2010, 82, .	2.5	16
33	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
34	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
35	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
36	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

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37	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
38	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
39	Doubly excited states of ammonia produced by photon and electron interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 195204.	1.5	13
40	Angle-resolved photoion yield and resonant Auger spectroscopy for the doubly excited Rydberg states above the C $1s$ threshold of CO. Physical Review A, 2008, 78, .	2.5	9
41	Study of O $1s$ Rydberg states in $CO$ . Physical Review A, 2008, 78, .	2.5	17
42	X-ray absorption and resonant Auger spectroscopy of $O_2$ in the vicinity of the $O 1s$ resonance: Experiment and theory. Journal of Chemical Physics, 2008, 128, 064304.	3.0	28
43	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
44	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
45	The electron-energy-loss spectra of methane tagged with Lyman- $\alpha$ photons in the range of doubly excited states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 2459-2470.	1.5	9
46	Electron transfer during the dissociation of $C_3H^+$ . Physical Review A, 2007, 75, .	2.5	8
47	Resonant photoemission following $F 1s$ photoionization of the $N_2$ molecule. Physical Review A, 2007, 76, .	2.5	28
48	Experimental and theoretical study of double-electron capture in collisions of slow $C^{4+}(1s^2S_1)$ with $He(1s^2S_1)$ . Physical Review A, 2007, 75, .	2.5	12
49	Electronic Doppler effect in resonant Auger decay of CO molecules upon excitation near a shake-up $1s$ resonance. Physical Review A, 2007, 76, .	2.5	7
50	Symmetry and vibrationally resolved absorption spectra near the O K edge of $N_2O$ : Experiment and theory. Chemical Physics Letters, 2007, 435, 182-187.	2.6	23
51	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
52	$C 1s$ and $O 1s$ photoelectron satellite spectra of CO with symmetry-dependent vibrational excitations. Journal of Chemical Physics, 2006, 125, 114304.	3.0	35
53	Vibrationally resolved C and O $1s$ photoelectron spectra of carbon monoxides. Chemical Physics Letters, 2006, 417, 89-93.	2.6	27
54	Symmetry- and vibrationally-resolved C K-shell photoionization studies of $C_2H_2$ . Chemical Physics Letters, 2006, 421, 256-260.	2.6	17

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55	Angle-resolved ion yield spectroscopy for the $1s \rightarrow 3\sigma_g$ excited states in hot N <sub>2</sub> O molecules. Chemical Physics Letters, 2006, 428, 34-38.	2.6	13
56	A study of inner-valence Auger transitions in Ne+ induced by the resonant Auger decay of photoexcited Ne $1s \rightarrow 1np$ states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1299-1322.	1.5	16
57	Vibrationally resolved photoionization of the $1\sigma_g$ and $1\sigma_u$ shells of N <sub>2</sub> molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 375-386.	1.5	38
58	Vibrationally resolved partial cross sections and asymmetry parameters for oxygen K-shell photoionization of the CO <sub>2</sub> molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3655-3663.	1.5	10
59	Vibrationally resolved partial cross sections and asymmetry parameters for carbon K-shell photoionization of the CO <sub>2</sub> molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3047-3056.	1.5	15
60	3D-ion-momentum/high-resolution-electron coincidence measurements. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 227-230.	1.7	20
61	Excitation mechanism of the lowest-energy satellite bands in F 1s photoemission from SF <sub>6</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 207-209.	1.7	4
62	High-resolution resonant Auger spectroscopy of CF <sub>4</sub> , SiF <sub>4</sub> , and SF <sub>6</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 199-202.	1.7	5
63	Observation of resonance structures in 4d photoionization of Eu+. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 71-74.	1.7	2
64	The excitation mechanism of satellite bands in F 1s photoemission of SiF <sub>4</sub> . Chemical Physics Letters, 2005, 402, 17-20.	2.6	3
65	Non-Franck-Condon behavior in the C 1s photoelectron spectrum of the methane molecule. Chemical Physics Letters, 2005, 411, 33-36.	2.6	8
66	The lowest-energy spectator Auger band of the CH <sub>3</sub> F molecule observed via F and C $1s \rightarrow 1f^*$ excitation. Chemical Physics Letters, 2005, 413, 263-266.	2.6	1
67	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
68	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
69	Angle-resolved photoelectron spectroscopy of the satellite bands accompanying the O 1s mainline of CO <sub>2</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 203-205.	1.7	1
70	Ultrafast dissociation of F 1s excited SF <sub>6</sub> probed by electron-ion momentum coincidence spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 1-10.	1.5	56
71	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
72	Electron and positron scattering from perfluorocyclobutane (C <sub>4</sub> F <sub>8</sub> ) molecules. Physical Review A, 2005, 71, .	2.5	7

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73	Symmetry-Resolved Absorption Spectra of Vibrationally Excited CO <sub>2</sub> Molecules. <i>Physical Review Letters</i> , 2005, 95, 203002.	7.8	12
74	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
75	Resonant Auger decay of above-threshold core-excited H <sub>2</sub> O. <i>Physical Review A</i> , 2005, 71, .	2.5	16
76	Effect of vibrations on C 1s photoemission in formaldehyde in the shape resonance region. <i>Physical Review A</i> , 2005, 71, .	2.5	15
77	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
78	Interference effects in Auger resonant Raman spectra of CO via selective vibrational excitations across the O 1s $\pi^*$ resonance. <i>Physical Review A</i> , 2005, 72, .	2.5	10
79	Intramolecular Auger-electron scattering in the ultrafast dissociation of CF <sub>4</sub> at the 1s $\pi^*$ excitation. <i>Physical Review A</i> , 2005, 71, .	2.5	10
80	Individual fundamental mode dependence of H <sub>2</sub> O vibrational excitation in the 6–8 eV resonance region by electron impact. <i>Journal of Chemical Physics</i> , 2005, 122, 014314.	3.0	7
81	Angular distribution of different vibrational components of the X and B states reached after resonant Auger decay of core-excited H <sub>2</sub> O: Experiment and theory. <i>Journal of Chemical Physics</i> , 2005, 122, 084306.	3.0	19
82	Site-selective ion production of the core-excited CH <sub>3</sub> F molecule probed by Auger-electron-ion coincidence measurements. <i>Physical Review A</i> , 2005, 72, .	2.5	47
83	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
84	Photoelectron recapture as a tool for the spectroscopy of ionic Rydberg states. <i>Physical Review A</i> , 2004, 70, .	2.5	31
85	Symmetry- and multiplet-resolved N 1s photoionization cross sections of the NO <sub>2</sub> molecule. <i>Physical Review A</i> , 2004, 70, .	2.5	11
86	Detection of Non-Emissive CH <sub>3</sub> and CH <sub>2</sub> Radicals via Low-Lying Electronic States of CH <sub>4</sub> by Electron Impact. <i>Physica Scripta</i> , 2004, 110, 420.	2.5	3
87	Electronic excitation of tetrafluoroethylene, C <sub>2</sub> F <sub>4</sub> . <i>Chemical Physics</i> , 2004, 297, 257-269.	1.9	28
88	Doppler-free resonant Raman Auger spectroscopy study on atoms and molecules. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 137-140, 271-276.	1.7	4
89	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
90	Experimental and theoretical study of resonant Auger decay of core-excited NO <sub>2</sub> . <i>Chemical Physics Letters</i> , 2004, 399, 426-432.	2.6	10

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91	Electron scattering from tetrafluoroethylene. Journal of Chemical Physics, 2004, 121, 4559-4569.	3.0	17
92	Electron scattering from perfluorocyclobutane (c-C4F8). Journal of Chemical Physics, 2004, 121, 5272-5280.	3.0	12
93	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
94	Total and elastic cross-sections of electron and positron scattering from C3H4 molecules (allene and Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	33
95	Nuclear motion and symmetry breaking of the B 1s-excited BF3 molecule. Chemical Physics, 2003, 289, 135-147.	1.9	19
96	Elastic scattering of slow electrons from ethylene. Radiation Physics and Chemistry, 2003, 68, 233-237.	2.8	1
97	VUV and low energy electron impact study of electronic state spectroscopy of CF3I. International Journal of Mass Spectrometry, 2003, 223-224, 647-660.	1.5	25
98	Electron collisions with ethylene. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1615-1626.	1.5	46
99	Doppler Effect in Resonant Photoemission fromSF6: Correlation between Doppler Profile and Auger Emission Anisotropy. Physical Review Letters, 2003, 91, 213003.	7.8	43
100	Anisotropic Ultrafast Dissociation Probed by the Doppler Effect in Resonant Photoemission fromCF4. Physical Review Letters, 2003, 90, 233006.	7.8	40
101	Vibrational effects on the shape resonance energy in theK-shell photoionization spectra of CO. Physical Review A, 2003, 68, .	2.5	41
102	Doppler-Free Resonant Raman Auger Spectroscopy ofNe+2s2p53pExcited States. Physical Review Letters, 2003, 90, 153005.	7.8	23
103	Probing doubly excited ionic states ofN2+via a triple excitation above the N1sthreshold in theN2molecule. Physical Review A, 2003, 67, .	2.5	8
104	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
105	The excitation mechanism of the lowest-energy satellite bands in the C 1s core level photoemission of CO2. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, L381-L386.	1.5	13
106	Low-energy electron scattering by CF3Cl and CF3Br: elastic scattering and vibrational excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1843-1856.	1.5	11
107	Low-energy electron scattering byCH3F,CH2F2,CHF3,andCF4. Physical Review A, 2002, 65, .	2.5	35
108	Low-energy electron scattering fromC3H4isomers:â€fDifferential cross sections for elastic scattering and vibrational excitation. Physical Review A, 2002, 66, .	2.5	32

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109	RESONANT AUGER DECAY OF Xe3d-16p TO Xe+4d-2np. Surface Review and Letters, 2002, 09, 51-55.	1.1	4
110	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
111	Experimental study of 4f wavefunction contraction: 4d-photoionization of low-charged ions of I, Xe, Cs and Ba. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 2845-2860.	1.5	40
112	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
113	Absolute differential cross sections for electron impact excitation of the 10.8-11.5 eV energy-loss states of CO <sub>2</sub> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 567-587.	1.5	26
114	Low-energy electron impact elastic and inelastic scattering from CF <sub>3</sub> I. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 3257-3263.	1.5	21
115	High resolution measurement for the resonant Auger emission of Xe following 3d <sub>5/2</sub> $\rightarrow$ 6p excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, L377-L382.	1.5	7
116	Angular Resolved Energy Gain Spectroscopy to Study Double Electron-Capture Processes in Very Slow C <sup>4+</sup> ?He Collisions. Physica Scripta, 2001, T92, 339-340.	2.5	3
117	Experimental and theoretical study of the Auger cascade following 2p $\rightarrow$ 4s photoexcitation in Ar. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 107-119.	1.5	35
118	Elastic electron scattering from C <sub>6</sub> H <sub>6</sub> and C <sub>6</sub> F <sub>6</sub> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 1019-1038.	1.5	49
119	Differential cross sections for vibrational excitation of CO <sub>2</sub> by 1.5-30 eV electrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 1929-1940.	1.5	28
120	Experimental and theoretical study of the Auger cascade following 3d $\rightarrow$ 5p photoexcitation in Kr. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3829-3842.	1.5	33
121	Absolute photoionization cross section measurements of Xe <sup>+</sup> ions in the 4d threshold energy region. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3493-3499.	1.5	23
122	Dissociative single and double photoionization with excitation between 37 and 69 eV in N <sub>2</sub> . Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 473-490.	1.5	19
123	Angle-resolved study of the Auger electron cascades following the 3d <sub>5/2</sub> $\rightarrow$ 5p photoexcitation of Kr. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, L475-L480.	1.5	9
124	Dynamical Auger Emission Induced by Multistate Vibronic Coupling in the Core-Excited States of the BCl <sub>3</sub> Molecule. Physical Review Letters, 2000, 85, 3129-3132.	7.8	29
125	Electron scattering from N <sub>2</sub> O: absolute elastic scattering and vibrational excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 1687-1702.	1.5	35
126	Crossed Beam Experiment for Multi-Electron Capture in Ion ? Atom Collisions in the Energy Range of 10?100 eV/q. Physica Scripta, 1999, T80, 377.	2.5	2



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127	Lifetime interference effect on the angular distribution of the Auger electron emission following resonant Auger decay from 2p to 4s photoexcited Ar. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, L291-L296.	1.5	18
128	Total cross sections of electron and positron collisions with C <sub>3</sub> F <sub>8</sub> and C <sub>3</sub> H <sub>8</sub> 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
129	Experimental Determination of Auger-Decay Amplitudes from the Angular Correlations in Auger Cascade Following the 2p $\rightarrow$ 4s Photoexcitation in Ar. <i>Physical Review Letters</i> , 1999, 83, 5463-5466.	7.8	36
130	Total and elastic cross-sections for electron and positron scattering from OCS molecule: A comparative study with CO <sub>2</sub> . <i>Journal of Chemical Physics</i> , 1999, 111, 245-252.	3.0	15
131	Quasi-isotropic fragmentation of PF <sub>5</sub> following P 2p photoabsorption. <i>Chemical Physics Letters</i> , 1999, 308, 45-50.	2.6	2
132	Absolute elastic differential cross-sections for electron scattering by N <sub>2</sub> O at 1.5 $\times$ 10 <sup>2</sup> eV. <i>Chemical Physics Letters</i> , 1999, 309, 414-420.	2.6	16
133	Photoion-yield spectra of in the 4d-threshold energy region. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, 4137-4141.	1.5	22
134	CO Rydberg series converging to the D and C states observed by VUV-fluorescence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 1907-1926.	1.5	9
135	Deexcitation of Ne(3P <sub>1</sub> ) and Ne(3P <sub>2</sub> ) in collisions with Ar, Kr, and Xe. <i>Journal of Chemical Physics</i> , 1997, 107, 2386-2394.	3.0	12
136	4d Photoionization of multiply charged Xe <sup>q+</sup> (q= 1-3) ions. <i>Physica Scripta</i> , 1997, T73, 131-132.	2.5	35
137	Dissociation Dynamics of N <sub>2</sub> 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
138	Photoabsorption, photoionization, and neutral-dissociation cross sections of C <sub>2</sub> H <sub>6</sub> and C <sub>3</sub> H <sub>8</sub> in the extreme-uv region. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 79, 391-393.	1.7	39
139	Excitation function measurements of the dissociative photoionization excitation of N <sub>2</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 79, 467-469.	1.7	0
140	Dissociative photoionization of O <sub>2</sub> in the vuv region studied by photoion kinetic energy spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 79, 471-474.	1.7	3
141	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
142	Neutral dissociation of N <sub>2</sub> O in superexcited states. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996, 80, 25-27.	1.7	0
143	Photodissociation of CO: partial cross sections for neutral dissociative excitation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 3629-3650.	1.5	17
144	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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145	State-to-State Behavior in the Neutral Dissociation of O <sub>2</sub> Far beyond the Ionization Threshold. <i>Physical Review Letters</i> , 1995, 74, 239-242.	7.8	65
146	Coincidence measurements of the dissociative photoionization excitation of N <sub>2</sub> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, L185-L190.	1.5	13
147	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
148	Deexcitation of He(2s <sup>1</sup> P) in a collision with Ne. <i>Journal of Chemical Physics</i> , 1994, 100, 8072-8079.	3.0	9
149	Deexcitation cross sections of Ne(3P <sub>2</sub> , 3P <sub>1</sub> , and 3P <sub>0</sub> ) by molecules containing group IV elements. <i>Journal of Chemical Physics</i> , 1993, 98, 6190-6195.	3.0	11