

# Yasumasa Hikosaka

## List of Publications by Year in descending order

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170  
papers

2,737  
citations

218677

26  
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265206

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g-index

170  
all docs

170  
docs citations

170  
times ranked

1353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Properties of Hollow Molecules Probed by Single-Photon Double Ionization. Physical Review Letters, 2011, 106, 063003.	7.8	97
2	Compact XFEL and AMO sciences: SACLA and SCSS. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164001.	1.5	88
3	Properties of Resonant Interatomic Coulombic Decay in Ne Dimers. Physical Review Letters, 2006, 97, 243401.	7.8	80
4	Evidence of Single-Photon Two-Site Core Double Ionization of $C_2H_2$ Molecules. Physical Review Letters, 2011, 107, 193004.	7.8	79
5	K-shell photoionization of CO: II. Determination of dipole matrix elements and phase differences. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 4213-4236.	1.5	74
6	$4f\tilde{\sigma}^2$ Inner Valence Photoionization Dynamics of NO Derived from Photoelectron-Photoion Angular Correlations. Physical Review Letters, 2002, 88, 193002.	7.8	69
7	K-shell photoionization of CO: I. Angular distributions of photoelectrons from fixed-in-space molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 4193-4212.	1.5	63
8	Manifestation of Many-Electron Correlations in Photoionization of the K Shell of $N_2$ . Physical Review Letters, 2000, 84, 250-253.	7.8	63
9	Single-Photon $K\alpha$ Photoionization of $N_2$ and Inner-Valence States of $N_2^+$ . Physical Review Letters, 2006, 97, 053003.	7.8	62
10	Inner-valence states of $N_2^+$ and the dissociation dynamics studied by threshold photoelectron spectroscopy and configuration interaction calculation. Journal of Chemical Physics, 2006, 124, 234306.	3.0	53
11	Multiphoton Double Ionization of Ar in Intense Extreme Ultraviolet Laser Fields Studied by Shot-by-Shot Photoelectron Spectroscopy. Physical Review Letters, 2010, 105, 133001.	7.8	53
12	Application of a simple asynchronous mechanical light chopper to multielectron coincidence spectroscopy. Review of Scientific Instruments, 2009, 80, 123101.	1.3	52
13	Femtosecond two-photon Rabi oscillations in excited He driven by ultrashort intense laser fields. Nature Photonics, 2016, 10, 102-105.	31.4	50
14	Molecule frame photoelectron angular distributions from oriented methyl chloride and methyl fluoride molecules. Journal of Chemical Physics, 2001, 115, 4593-4603.	3.0	46
15	Experimental Investigation of Core-Valence Double Photoionization. Physical Review Letters, 2006, 97, 053003.	7.8	45
16	Near-Edge X-Ray Absorption Fine Structures Revealed in Core Ionization Photoelectron Spectroscopy. Physical Review Letters, 2013, 111, 123001.	7.8	44
17	Coherent control in the extreme ultraviolet and attosecond regime by synchrotron radiation. Nature Communications, 2019, 10, 4988.	12.8	43
18	Enhanced Nonlinear Double Excitation of He in Intense Extreme Ultraviolet Laser Fields. Physical Review Letters, 2011, 107, 243003.	7.8	40

#	ARTICLE	IF	CITATIONS
19	Dynamics and Post-Collision Interaction Effects in Two Electron Decay from the Xenon 4d Hole. <i>Physical Review Letters</i> , 2001, 87, 053001.	7.8	39
20	Appearance of interatomic Coulombic decay in Ar, Kr, and Xe homonuclear dimers. <i>Journal of Chemical Physics</i> , 2007, 127, 154323.	3.0	38
21	Single photon simultaneous K-shell ionization and K-shell excitation. I. Theoretical model applied to the interpretation of experimental results on H <sub>2</sub> O. <i>Journal of Chemical Physics</i> , 2015, 142, 014307.	3.0	37
22	Photoelectron Angular Distributions from OKShell of Oriented CO Molecules: A Critical Comparison between Theory and Experiment. <i>Physical Review Letters</i> , 2000, 85, 46-49.	7.8	35
23	Photoelectron-fragment ion correlations and fixed-molecule photoelectron angular distributions from velocity imaging coincidence experiments. <i>Faraday Discussions</i> , 2000, 115, 119-126.	3.2	33
24	Double Photoionization into Double Core-Hole States in Xe. <i>Physical Review Letters</i> , 2007, 98, 183002.	7.8	33
25	Single, double, and triple Auger decay of the Xe $4p$ core-hole states. <i>Physical Review A</i> , 2007, 76, .	2.5	31
26	Electron correlation in Xe 4d Auger decay studied by slow photoelectron Auger electron coincidence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 1017-1033.	1.5	29
27	Photoemission of threshold electrons in the vicinity of the xenon 4d hole: dynamics of Auger decay. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 3265-3295.	1.5	26
28	PCI effects in argon 2p double Auger decay probed by multielectron coincidence methods. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 115001.	1.5	26
29	Single photon simultaneous K-shell ionization and K-shell excitation. II. Specificities of hollow nitrogen molecular ions. <i>Journal of Chemical Physics</i> , 2015, 142, 014308.	3.0	26
30	An Auger electron-threshold photoelectron coincidence spectrometer for studies of atomic and molecular dications. <i>Measurement Science and Technology</i> , 2000, 11, 1697-1702.	2.6	24
31	Coincidence Auger spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 7-11.	1.7	24
32	Double core hole spectroscopy with synchrotron radiation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 204, 303-312.	1.7	24
33	Molecular-frame photoelectron angular distributions in inner-valence photoionization of N <sub>2</sub> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 3137-3147.	1.5	23
34	Energy Correlation of the Three Electrons Emitted during the Triple Photoionization of Ar. <i>Physical Review Letters</i> , 2009, 102, 013002.	7.8	23
35	Multi-electron spectroscopy: Auger decays of the argon 2s hole. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 18355.	2.8	23
36	Multiple Auger decay of the neon $1s$ state studied by multielectron coincidence spectroscopy. <i>Physical Review A</i> , 2015, 92, .	1.5	22

#	ARTICLE	IF	CITATIONS
37	Photon-energy dependence of single-photon simultaneous core ionization and core excitation in $\text{CO}^{2+}$ . Physical Review A, 2016, 94, .	2.5	22
38	New results on the dissociative photoionization of $\text{CF}_4$ and $\text{CCl}_4$ . Journal of Mass Spectrometry, 2002, 37, 854-857.	1.6	21
39	Inner-valence states of $\text{O}_2^+$ and dissociation dynamics studied by threshold photoelectron spectroscopy and a configuration interaction calculation. Journal of Chemical Physics, 2003, 119, 7693-7700.	3.0	21
40	Dissociative photoionization of $\text{H}_2$ at high photon energies: uncovering new series of doubly excited states. Chemical Physics Letters, 2004, 389, 145-149.	2.6	21
41	Efficient production of metastable fragments around the 1s ionization threshold in $\text{N}_2$ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 3597-3605.	1.5	21
42	Auger decay of Ne 1s photoionization satellites studied by a multi-electron coincidence method. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3457-3464.	1.5	21
43	Auger decays of 1s shake-up and shake-off states in $\text{N}_2$ molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 135101.	1.5	21
44	Auger decay of molecular double core-hole and its satellite states: Comparison of experiment and calculation. Journal of Chemical Physics, 2012, 137, 224306.	3.0	21
45	Limitations in photoionization of helium by an extreme ultraviolet optical vortex. Physical Review A, 2017, 95, .	2.5	21
46	A magnetic-bottle multi-electron-ion coincidence spectrometer. Review of Scientific Instruments, 2011, 82, 103105.	1.3	20
47	Two-dimensional photoelectron spectroscopy of acetylene: Rydberg-valence interaction between the $(3\text{ifg})\text{p}^1(3\text{pif})1$ and $(3\text{ifg})\text{p}^1(3\text{ifu})1$ states. Journal of Chemical Physics, 1997, 106, 4902-4911.	3.0	19
48	Dynamics of double photoionization near the Ar 2p threshold investigated by threshold electron-Auger electron coincidence spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, L9-L18.	1.5	19
49	Unveiling Residual Molecular Binding in Triply Charged Hydrogen Bromide. Physical Review Letters, 2011, 106, 103002.	7.8	19
50	Multi-electron coincidence spectroscopy: double photoionization from molecular inner-shell orbitals. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 182002.	1.5	19
51	Observation of an optical vortex beam from a helical undulator in the XUV region. Journal of Synchrotron Radiation, 2017, 24, 934-938.	2.4	19
52	Laser photoionization of polarized Ar atoms produced by excitation with synchrotron radiation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 391-405.	1.5	18
53	Probing the mechanism of simultaneous two-electron emission on core-hole decay. Physical Review A, 2009, 80, .	2.5	18
54	Auger decay of Ar $2\text{p}$ satellite states studied with a multielectron coincidence method. Physical Review A, 2012, 85, .	2.5	18

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55	Decay of a $2p$ Inner-Shell Hole in an $Ar$ Ion. <a href="#">Physical Review Letters, 2013, 110, 113002.</a>	7.8	18
56	Molecular frame photoelectron angular distributions in photoionization of H <sub>2</sub> into the states. <a href="#">Chemical Physics, 2002, 277, 53-59.</a>	1.9	17
57	Velocity imaging spectrometer for negative fragment ions: application to dynamics of O <sub>2</sub> and N <sub>2</sub> O ion-pair dissociation. <a href="#">Journal of Electron Spectroscopy and Related Phenomena, 2005, 148, 5-10.</a>	1.7	17
58	State-selective cross sections of multiple photoionization in Ne. <a href="#">Physical Review A, 2007, 76, .</a>	2.5	17
59	Spectra of the triply charged ion CS <sup>23+</sup> and selectivity in molecular Auger effects. <a href="#">Journal of Chemical Physics, 2010, 132, 104311.</a>	3.0	17
60	Superexcited states of OCS probed by using photoelectron spectroscopy for autoionizing atomic sulfur. <a href="#">Journal of Chemical Physics, 1997, 107, 2950-2961.</a>	3.0	16
61	Competition between autoionization and dissociation in the [O <sub>2</sub> +(B <sub>2</sub> )] and [O <sub>2</sub> +(c <sub>4</sub> )] Rydberg states investigated by photon-induced dissociation to neutral fragments. <a href="#">Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 4311-4326.</a>	1.5	16
62	A local chemical environment effect in site-specific Auger spectra of ethyl trifluoroacetate. <a href="#">Journal of Chemical Physics, 2013, 138, 024306.</a>	3.0	16
63	Electron Wave Packet Interference in Atomic Inner-Shell Excitation. <a href="#">Physical Review Letters, 2021, 126, 113202.</a>	7.8	16
64	Dissociative double photoionisation of CO below the CO <sup>++</sup> threshold. <a href="#">Chemical Physics, 2004, 299, 147-154.</a>	1.9	15
65	Anisotropic fragment emission on valence photoionization of CF <sub>4</sub> . <a href="#">Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 29-32.</a>	1.7	15
66	Multielectron coincidence spectroscopy for core-valence doubly ionized states of CO. <a href="#">Journal of Chemical Physics, 2007, 127, 044305.</a>	3.0	15
67	Energy Correlation among Three Photoelectrons Emitted in Core-Valence-Valence Triple Photoionization of Ne. <a href="#">Physical Review Letters, 2011, 107, 113005.</a>	7.8	15
68	Fragment emission anisotropy in the dissociative photoionization of O <sub>2</sub> investigated by two-dimensional photoion spectroscopy. <a href="#">Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1423-1432.</a>	1.5	14
69	Molecular single photon double K-shell ionization. <a href="#">Journal of Electron Spectroscopy and Related Phenomena, 2014, 196, 38-42.</a>	1.7	14
70	Stability and dissociation dynamics of N <sub>2</sub> <sup>++</sup> ions following core ionization studied by an Auger-electron photoion coincidence method. <a href="#">Journal of Chemical Physics, 2016, 145, 034305.</a>	3.0	14
71	Controlling the Orbital Alignment in Atoms Using Cross-Circularly Polarized Extreme Ultraviolet Wave Packets. <a href="#">Physical Review Letters, 2019, 123, 233401.</a>	7.8	14
72	Autoionization of NO in an excited valence state affected by perturbations from valence-Rydberg mixing. <a href="#">Journal of Electron Spectroscopy and Related Phenomena, 1996, 79, 395-400.</a>	1.7	13

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73	Core-valence multiply excited states in N <sub>2</sub> probed by detecting metastable fragments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 2091-2097.	1.5	13
74	Decay pathways after Xe 3d inner shell ionization using a multi-electron coincidence technique. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 075003.	1.5	13
75	A high-resolution magnetic bottle electron spectrometer and its application to a photoelectron Auger electron coincidence measurement of the L <sub>2,3</sub> VV Auger decay in CS <sub>2</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 192, 69-74.	1.7	13
76	Multi-electron coincidence spectroscopy: Triple Auger decay of Ar 2p and 2s holes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 220, 125-132.	1.7	13
77	Spectator- and participant-like behavior of a Rydberg electron on predissociation of superexcited states of OCS. <i>Journal of Chemical Physics</i> , 1999, 110, 335-344.	3.0	12
78	New results on photoion pair formation from application of the velocity imaging photoionisation coincidence technique. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2305-2311.	1.5	12
79	Molecular frame photoelectron angular distributions in inner valence photoionisation of CO. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 4663-4668.	2.8	12
80	Time focus with velocity imaging of charged particles in coincidence: application to photoionization of CO and N <sub>2</sub> O. <i>Chemical Physics</i> , 2002, 281, 91-100.	1.9	12
81	Photoelectron recapture through post-collision interaction in N <sub>2</sub> . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 156-158, 289-293.	1.7	12
82	Nonresonant EUV-UV two-color two-photon ionization of He studied by single-shot photoelectron spectroscopy. <i>Physical Review A</i> , 2013, 88, .	2.5	12
83	Double-core ionization photoelectron spectroscopy of C <sub>6</sub> H <sub>6</sub> : Breakdown of the intuitive ortho-meta-para binding energy ordering of K <sup>-1</sup> states. <i>Journal of Chemical Physics</i> , 2019, 151, 214303.	3.0	11
84	Advanced Computation Method for Double Core Hole Spectra: Insight into the Nature of Intense Shake-up Satellites. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4359-4366.	4.6	11
85	Characterization of soft X-ray FEL pulse duration with two-color photoelectron spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 1362-1365.	2.4	11
86	Formation of autoionizing atomic nitrogen from superexcited states of nitric oxide. <i>Journal of Chemical Physics</i> , 1996, 105, 6367-6374.	3.0	10
87	The formation of fluorescent and metastable fragments by photoexcitation of some diatomic molecules in the vacuum ultraviolet region. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 283-293.	1.5	10
88	Mechanisms of Spontaneous Two-Electron Emission from Core-Excited States of Molecular CO. <i>Physical Review Letters</i> , 2008, 101, 183003.	7.8	10
89	Doppler effect in fragment autoionization following core-to-Rydberg excitations of N <sub>2</sub> . <i>New Journal of Physics</i> , 2010, 12, 063030.	2.9	10
90	Post collision interaction probed by multi-electron coincidences: Application to the Ar 2s inner-shell photoionization. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2012, 185, 198-203.	1.7	9

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91	Inner valence region of CO <sup>+</sup> studied by threshold photoelectron-photoion coincidence spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2002, 125, 99-106.	1.7	8
92	Photoionization into the dissociation continuum of H <sub>2</sub> <sup>+</sup> (X <sup>2</sup> Σ <sup>+</sup> g <sup>+</sup> ) studied by velocity imaging photoionization coincidence spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2003, 133, 77-86.	1.7	8
93	Sub-natural linewidth Auger electron spectroscopy of the 2s hole decay in H <sub>2</sub> S. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 287-291.	1.7	8
94	X-Ray Absorption Measured in the Resonant Auger Scattering Mode. Physical Review Letters, 2008, 101, 073001.	7.8	8
95	Detection of Neutral Species in the MALDI Plume Using Femtosecond Laser Ionization: Quantitative Analysis of MALDI-MS Signals Based on a Semiequilibrium Proton Transfer Model. Journal of Physical Chemistry A, 2017, 121, 31-39.	2.5	8
96	Single, double, and triple Auger decays from 1s shake-up states of the oxygen molecule. Journal of Chemical Physics, 2017, 147, 104304.	3.0	8
97	Selectivity of the Br $3s$ Auger decays in HBr. Physical Review A, 2018, 98, .	2.5	8
98	Metastability of carbonyl sulfide dications studied by multi-electron <sup>n</sup> ion coincidence spectroscopy. International Journal of Mass Spectrometry, 2019, 439, 13-18.	1.5	8
99	Polarization control in a crossed undulator without a monochromator. New Journal of Physics, 2020, 22, 083062.	2.9	8
100	Stability and Fragmentation of OCS <sub>2</sub> <sup>+</sup> Studied by Using Auger-Electron-Ion Coincidence Measurement. Journal of the Korean Physical Society, 2009, 54, 371-375.	0.7	8
101	Autoionization of the Ne <sup>+</sup> Rydberg states formed via valence photoemission. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 4047-4060.	1.5	7
102	Electron-ion coincidence spectrometer for studies on decay dynamics of core-excited molecules. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 279-283.	1.7	7
103	Threshold photoelectron spectroscopy on inner-valence ionic states of NO. Journal of Chemical Physics, 2008, 128, 044320.	3.0	7
104	Five-photon sequential double ionization of He in intense extreme-ultraviolet free-electron laser fields. Physical Review A, 2014, 90, .	2.5	7
105	Multielectron-Ion Coincidence Spectroscopy of Xe in Extreme Ultraviolet Laser Fields: Nonlinear Multiple Ionization via Double Core-Hole States. Physical Review Letters, 2020, 124, 193201.	7.8	7
106	Double-pulsed wave packets in spontaneous radiation from a tandem undulator. Scientific Reports, 2022, 12, .	3.3	7
107	Resonant multiple Auger decay after the $2p$ excitation in Ar studied with a multielectron coincidence method. Physical Review A, 2014, 89, .	2.5	6
108	Site-specific formation of metastable dications following inner-shell ionization of CO <sub>2</sub> . Chemical Physics Letters, 2014, 603, 46-50.	2.6	6

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109	Super-Coster-Kronig decay of Kr $3p$ core-hole states studied by multielectron coincidence spectroscopy. Physical Review A, 2021, 103, .	2.5	5
110	Reply to "Comment on "Coherent control in the extreme ultraviolet and attosecond regime by synchrotron radiation"™. Nature Communications, 2021, 12, 3782.	12.8	6
111	Ion pair dissociation from N <sub>2</sub> O followed by autodetachment of N(1Dg). Chemical Physics, 2001, 272, 91-98.	1.9	5
112	Autoionization dynamics of core-valence doubly excited states in N <sub>2</sub> . Physical Review A, 2007, 75, .	2.5	5
113	Negative ion formation following inner-shell photoexcitation in CO <sub>2</sub> studied by velocity imaging spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 284-288.	1.7	5
114	Sub-natural linewidth spectroscopy on core-valence doubly ionized states of OCS. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 025103.	1.5	5
115	Multiple photoionization of atoms and small molecules by synchrotron radiation. European Physical Journal: Special Topics, 2009, 169, 73-78.	2.6	5
116	Communication: Formation of slow electrons in the Auger decay of core-ionized water molecules. Journal of Chemical Physics, 2012, 137, 191101.	3.0	5
117	Electron reemission processes following photoelectron recapture due to post-collision interaction in inner-shell photoionization of water molecules. Journal of Chemical Physics, 2013, 138, 214308.	3.0	5
118	Dynamics of oxygen Rydberg atom generation following O 1s inner-shell excitation of H <sub>2</sub> O. Journal of Chemical Physics, 2014, 140, 214310.	3.0	5
119	Formation of Metastable Fragments around the Cl 2p Ionization Thresholds of HCl. Journal of the Korean Physical Society, 2008, 53, 3798-3801.	0.7	5
120	Single photon simultaneous K-shell ionization/excitation in C <sub>6</sub> H <sub>6</sub> : experiment and theory. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244010.	1.5	5
121	Multi-electron ion coincidence spectrometer with a high-efficiency microchannel plate detector. Journal of Electron Spectroscopy and Related Phenomena, 2022, 255, 147158.	1.7	5
122	Superexcitation and subsequent decay of triatomic molecules studied by two-dimensional photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2000, 112, 137-150.	1.7	4
123	Autoionization and neutral dissociation of superexcited HI studied by two-dimensional photoelectron spectroscopy. Journal of Chemical Physics, 2004, 121, 792-799.	3.0	4
124	Development of Auger-Electron-Ion Coincidence Spectrometer to Study Decay Dynamics of Core Ionized Molecules. AIP Conference Proceedings, 2007, , .	0.4	4
125	Angle-resolved metastable fragment yields spectra of N <sub>2</sub> and CO in K-edge excitation energy region. Journal of Chemical Physics, 2012, 136, 054201.	3.0	4
126	Resonances in three-photon double ionization of Ar in intense extreme-ultraviolet free-electron laser fields studied by shot-by-shot photoelectron spectroscopy. Physical Review A, 2013, 88, .	2.5	4



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145	Formation and Autoionization of a Dipole-Forbidden Superexcited State of CS <sub>2</sub> . Journal of Physical Chemistry A, 2001, 105, 8130-8135.	2.5	1
146	Autoionization selectivity of Ne+Rydberg states converging to Ne <sup>2+</sup> (1Se). Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 2823-2828.	1.5	1
147	Origin of threshold electrons produced in decay of the Xe 4d <sup>n</sup> 1 np resonance. Journal of Electron Spectroscopy and Related Phenomena, 2005, 142, 319-323.	1.7	1
148	Coster-Kronig decay of the 2s hole state in HCl observed by sub-natural linewidth Auger electron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2006, 153, 88-91.	1.7	1
149	Dissociation of core-valence doubly excited states in NO followed by atomic Auger decay. Journal of Chemical Physics, 2010, 133, 154315.	3.0	1
150	Single photon core ionization with core excitation: a new spectroscopic tool. Journal of Physics: Conference Series, 2015, 635, 112093.	0.4	1
151	Electron emission relevant to inner-shell photoionization of condensed water studied by multi-electron coincidence spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2016, 213, 17-21.	1.7	1
152	Determination of Absolute Cross-Sections of Nonresonant EUV-UV Two-Color Two-Photon Ionization of He. , 2014, , .		1
153	PCI Effects on Coincidence Spectra Associated with the Emission of Two Auger Electrons. AIP Conference Proceedings, 2003, , .	0.4	0
154	Multiple direct and sequential Auger effect in the rare gases. AIP Conference Proceedings, 2006, , .	0.4	0
155	PCI effects in double Auger decays of Ar 2p inner shell vacancies. Journal of Physics: Conference Series, 2009, 194, 022034.	0.4	0
156	Unveiling residual molecular binding in triply charged Hydrogen Bromide. Journal of Physics: Conference Series, 2012, 388, 022079.	0.4	0
157	Single-Photon Core Double Ionization in Molecules. Journal of Physics: Conference Series, 2012, 388, 022027.	0.4	0
158	Site-specific Auger electron spectra of ethyl trifluoroacetate molecules studied by magnetic bottle electron spectrometer. Journal of Physics: Conference Series, 2012, 388, 022081.	0.4	0
159	Interference of electron pairs in photoinduced N <sub>4,5</sub> <sup>n</sup> O <sub>1</sub> O <sub>2,3</sub> Auger decay in xenon. Journal of Physics: Conference Series, 2012, 388, 022094.	0.4	0
160	Shot-by-Shot Photoelectron Spectroscopy of Rare Gas Atoms in Ultrashort Intense EUV Free-Electron Laser Fields. Springer Series in Chemical Physics, 2013, , 151-163.	0.2	0
161	Ultrafast Nonlinear Double Excitations of He in Intense EUV FEL Fields. EPJ Web of Conferences, 2013, 41, 02009.	0.3	0
162	Decay of a 2p inner-shell hole in an Ar <sup>+</sup> ion. Journal of Physics: Conference Series, 2014, 488, 022012.	0.4	0

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163	Double K-shell ionization in C <sub>2</sub> H <sub>2</sub> (n=1,3), CO and N <sub>2</sub> . Journal of Physics: Conference Series, 2014, 488, 022013.	0.4	0
164	Ultrafast two-photon Rabi oscillations in excited He driven by femtosecond intense laser fields. Journal of Physics: Conference Series, 2015, 635, 092082.	0.4	0
165	Cascade and direct processes in multiple Auger decay of core-excited states of N <sub>2</sub> . Journal of Physics: Conference Series, 2020, 1412, 142004.	0.4	0
166	Site-specificity reduction during Auger decay following Si:2p photoionization in Cl <sub>3</sub> SiSi(CH <sub>3</sub> ) <sub>3</sub> vapor: An interatomic-Coulombic-decay-like process. Chemical Physics, 2020, 534, 110756.	1.9	0
167	Auger decay of the $3d$ hole in the isoelectronic series of Br, $Kr$ , and $Rb$ .	2.5	0
168	Time-resolved shot-by-shot photoelectron spectroscopy of autoionizing $Xe$ states by EUV free-electron-laser and near-IR laser pulses. Physical Review A, 2021, 104, .	0.5	0
169	MULTIDIMENSIONAL PHOTOELECTRON SPECTROSCOPY. , 2006, , .		0
170	Determination of Absolute Cross-Sections of Nonresonant EUV-UV Two-Color Two-Photon Ionization of He. Springer Proceedings in Physics, 2015, , 109-112.	0.2	0