

Norio Saito

List of Publications by Year in descending order

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215
papers

3,904
citations

136950

32
h-index

197818

49
g-index

217
all docs

217
docs citations

217
times ranked

1619
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Monochromator for a soft X-ray photochemistry beamline BL27SU of SPring-8. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 533-536. | 1.6 | 190 |
| 2 | Experimental Evidence of Interatomic Coulombic Decay from the Auger Final States in Argon Dimers. Physical Review Letters, 2006, 96, 243402. | 7.8 | 140 |
| 3 | Multiple photoionization in Ne, Ar, Kr and Xe from 44 to 1300 eV. International Journal of Mass Spectrometry and Ion Processes, 1992, 115, 157-172. | 1.8 | 98 |
| 4 | Compact XFEL and AMO sciences: SACLA and SCSS. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164001. | 1.5 | 88 |
| 5 | Asymmetry of Departing Fragment Ion in the K-Shell Excitation of N_2 . Physical Review Letters, 1988, 61, 2740-2743. | 7.8 | 84 |
| 6 | Electron-Transfer-Mediated Decay and Interatomic Coulombic Decay from the Triply Ionized States in Argon Dimers. Physical Review Letters, 2011, 106, 033401. | 7.8 | 70 |
| 7 | Kinetic energy release from N_2 induced by selective inner-shell excitation. International Journal of Mass Spectrometry and Ion Processes, 1988, 82, 61-80. | 1.8 | 62 |
| 8 | Relaxation processes following $1s$ photoionization and Auger decay in Ne . Physical Review A, 2008, 78, . | 2.5 | 61 |
| 9 | Second-order autocorrelation of XUV FEL pulses via time resolved two-photon single ionization of He. Optics Express, 2011, 19, 21698. | 3.4 | 61 |
| 10 | Direct Probe of the Bent and Linear Geometries of the Core-Excited Renner-Teller Pair States by Means of the Triple-Ion-Coincidence Momentum Imaging Technique. Physical Review Letters, 2002, 88, 133002. | 7.8 | 59 |
| 11 | Sub-natural-width angle-resolved resonant Auger electron spectroscopy of atoms and molecules on the high resolution soft X-ray monochromator at SPring-8. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 63-68. | 1.7 | 57 |
| 12 | Pulse energy measurement at the hard x-ray laser in Japan. Applied Physics Letters, 2012, 101, . | 3.3 | 56 |
| 13 | Undulator generating any kind of elliptically polarized radiation. Applied Physics Letters, 1988, 52, 173-175. | 3.3 | 55 |
| 14 | Evidence of radiative charge transfer in argon dimers. Chemical Physics Letters, 2007, 441, 16-19. | 2.6 | 54 |
| 15 | Shake-off processes in photoionization and Auger transition for rare gases irradiated by soft X-rays. Physica Scripta, 1994, 49, 80-85. | 2.5 | 53 |
| 16 | Absolute photoionization cross sections with ultra-high energy resolution for Ar, Kr, Xe and N_2 in inner-shell ionization regions. Journal of Electron Spectroscopy and Related Phenomena, 2007, 160, 39-48. | 1.7 | 53 |
| 17 | Localization of inner-shell photoelectron emission and interatomic Coulombic decay in Ne_2 . Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 101002. | 1.5 | 49 |
| 18 | Asymmetry parameters for CO_2 around the C and O ionization edges from the anisotropy of the ion distributions. Physical Review A, 1995, 51, 4563-4574. | 2.5 | 45 |

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| 19 | Dead-time-free ion momentum spectroscopy of multiple ionization of Xe clusters irradiated by euv free-electron laser pulses. <i>Physical Review A</i> , 2009, 79, . | 2.5 | 44 |
| 20 | Carbon K-shell photoelectron angular distribution from fixed-in-space CO ₂ molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, L25-L30. | 1.5 | 43 |
| 21 | Asymmetry in the ionic fragmentation of N ₂ O photoexcited around the N and O K edges. <i>Journal of Chemical Physics</i> , 1993, 98, 4652-4661. | 3.0 | 41 |
| 22 | Frustration of direct photoionization of Ar clusters in intense extreme ultraviolet pulses from a free electron laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 134019. | 1.5 | 41 |
| 23 | Yields of multicharged Xe ions in the M-shell transition region. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992, 25, 1785-1793. | 1.5 | 40 |
| 24 | Multi-coincidence ion detection system for EUV FEL fragmentation experiments at SPring-8. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 606, 770-773. | 1.6 | 39 |
| 25 | Multiple ionization of atomic argon irradiated by EUV free-electron laser pulses at 62 nm: evidence of sequential electron strip. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 221003. | 1.5 | 37 |
| 26 | Kinetic-energy- and angular-resolved fragmentation of CO in vibrational-resolved C 1s excitation. <i>Physical Review A</i> , 1996, 54, 2004-2010. | 2.5 | 35 |
| 27 | Molecular deformation in the O 1s excited states of CO ₂ probed by the triple-differential measurement of fragment ions. <i>Physical Review A</i> , 2000, 62, . | 2.5 | 35 |
| 28 | Molecular frame photoelectron angular distribution for oxygen 1s photoemission from CO ₂ molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, L277-L284. | 1.5 | 35 |
| 29 | Photo- and Auger-Electron Recoil Induced Dynamics of Interatomic Coulombic Decay. <i>Physical Review Letters</i> , 2009, 103, 033001. | 7.8 | 35 |
| 30 | Interatomic Coulombic decay following Ne $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Auger decay in NeAr. <i>Physical Review A</i> , 2011, 83, . | 2.5 | 34 |
| 31 | High resolution angle-resolved measurements of Auger emission from the photo-excited 1s-13p state of Ne. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, L685-L689. | 1.5 | 33 |
| 32 | Symmetry-Dependent Multielectron Excitations near the C 1s Ionization Threshold and Distortion of the Shape Resonance in CO ₂ . <i>Physical Review Letters</i> , 2002, 89, 023006. | 7.8 | 33 |
| 33 | Double Auger Probabilities from Xe 4d _j , Kr 3d _j , and Ar 2p _j Hole States. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 1979-1985. | 1.6 | 30 |
| 34 | Controlling Low-Energy Electron Emission via Resonant-Augur-Induced Interatomic Coulombic Decay. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1838-1842. | 4.6 | 30 |
| 35 | Interatomic Coulombic decay cascades in multiply excited neon clusters. <i>Nature Communications</i> , 2016, 7, 13477. | 12.8 | 30 |
| 36 | Kinetic energies of fragment ions from N ₂ absorbing soft X-rays by a photoion-photoion coincidence technique. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987, 20, L785-L790. | 1.6 | 29 |

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| 37 | Multiple photoionization of Ne in the K-shell ionization region. <i>Physica Scripta</i> , 1992, 45, 253-256. | 2.5 | 29 |
| 38 | High-resolution angle-resolved ion-yield measurements of H ₂ O and D ₂ O in the region of O 1s to Rydberg transitions. <i>Chemical Physics Letters</i> , 2000, 326, 314-320. | 2.6 | 29 |
| 39 | Pulse energy of the extreme-ultraviolet free-electron laser at SPring-8 determined using a cryogenic radiometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 612, 209-211. | 1.6 | 29 |
| 40 | Ionic fragmentation of CF ₄ in the vacuum ultraviolet through the soft X-ray region. <i>Chemical Physics</i> , 1994, 188, 367-379. | 1.9 | 28 |
| 41 | Evidence of sequential interatomic decay in argon trimers obtained by electron triple-ion coincidence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, F1-F7. | 1.5 | 28 |
| 42 | Anisotropic dissociation of NO in K-shell excited states. <i>Physical Review A</i> , 1991, 43, 3662-3667. | 2.5 | 27 |
| 43 | Photoelectron spectroscopy of sequential three-photon double ionization of Ar irradiated by EUV free-electron laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 111001. | 1.5 | 27 |
| 44 | Absolute photoabsorption cross-sections of Ne and Xe in the sub-keV X-ray region. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2003, 129, 71-79. | 1.7 | 26 |
| 45 | Yield of kinetic atomic ion from N ₂ induced by soft X-Ray absorption. <i>Chemical Physics Letters</i> , 1986, 129, 419-424. | 2.6 | 25 |
| 46 | Polarizing undulator with crossed and retarded magnetic fields. <i>Review of Scientific Instruments</i> , 1989, 60, 1838-1841. | 1.3 | 25 |
| 47 | Anisotropic angular distribution of fragment ions in dissociative double photoionization of OCS. <i>Physical Review A</i> , 1991, 44, 4309-4315. | 2.5 | 25 |
| 48 | Anisotropic dissociation of CO around the C K and O K ionization edges. <i>Journal of Chemical Physics</i> , 1994, 100, 393-401. | 3.0 | 25 |
| 49 | Molecular-frame photoelectron and electron-frame photoion angular distributions and their interrelation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 485-496. | 1.5 | 25 |
| 50 | Evidence of interatomic Coulombic decay in ArKr after Ar 2p Auger decay. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 025101. | 1.5 | 25 |
| 51 | Breakdown of the Two-Step Model in CO^+ K-Shell Photoemission and Subsequent Decay Probed by the Molecular-Frame Photoelectron Angular Distributions of CO^{2+} . <i>Physical Review Letters</i> , 2008, 101, 083001. | 7.8 | 25 |
| 52 | Angular distribution measurement of fragment ions from a molecule using a new beamline consisting of a Grasshopper monochromator. <i>Review of Scientific Instruments</i> , 1989, 60, 2190-2192. | 1.3 | 24 |
| 53 | Angular distribution of fragment ions formed by K-shell excitation of N ₂ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989, 22, 3973-3982. | 1.5 | 24 |
| 54 | Interference Effects in the Resonant Photoemission Channels to the Ne+2p ₄ (D ₂₁)3p ₂ , D ₂ , and F ₂ States in the Ne 1s Excitation Region. <i>Physical Review Letters</i> , 2002, 89, 243001. | 7.8 | 24 |

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| 55 | Ion momentum spectroscopy of N ₂ and O ₂ molecules irradiated by EUV free-electron laser pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 181001. | 1.5 | 24 |
| 56 | Three-Electron Interatomic Coulombic Decay from the Inner-Valence Double-Vacancy States in NeAr. <i>Physical Review Letters</i> , 2011, 107, 053401. | 7.8 | 24 |
| 57 | Crossover in the photoionization processes of neon clusters with increasing EUV free-electron-laser intensity. <i>Physical Review A</i> , 2013, 88, . | 2.5 | 24 |
| 58 | Charge transfer to ground-state ions produces free electrons. <i>Nature Communications</i> , 2017, 8, 14277. | 12.8 | 24 |
| 59 | Fragmentation of N ₂ in the inner-shell to Rydberg-orbital excited states (K ⁻¹ (nl) ₁). <i>Journal of Chemical Physics</i> , 1989, 91, 5324-5328. | 3.0 | 23 |
| 60 | Interference effects in the branching ratio for the partial decay channels of the Ne (1s-13p) resonance. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, L729-L734. | 1.5 | 23 |
| 61 | Intra-molecular H ₂ ⁺ formation in the core-excited HCCH probed by multiple-ion coincidence momentum imaging. <i>Chemical Physics Letters</i> , 2004, 393, 295-299. | 2.6 | 23 |
| 62 | Efficient site-specific low-energy electron production via interatomic Coulombic decay following resonant Auger decay in argon dimers. <i>Physical Review A</i> , 2013, 87, . | 2.5 | 23 |
| 63 | Kinetic energy release in the dissociative double photoionization of OCS. <i>Journal of Chemical Physics</i> , 1992, 97, 2392-2399. | 3.0 | 22 |
| 64 | Absolute fluence rates of soft X-rays using a double ion chamber. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 101-103, 33-37. | 1.7 | 22 |
| 65 | Photodissociation of Ozone in the K Edge Region. <i>Journal of Physical Chemistry A</i> , 1999, 103, 4598-4601. | 2.5 | 22 |
| 66 | Projection methods for the analysis of molecular-frame photoelectron angular distributions. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 155, 95-99. | 1.7 | 22 |
| 67 | Interatomic Coulombic decay following the Auger decay: Experimental evidence in rare-gas dimers. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2008, 166-167, 3-10. | 1.7 | 22 |
| 68 | Radiometric comparison for measuring the absolute radiant power of a free-electron laser in the extreme ultraviolet. <i>Metrologia</i> , 2010, 47, 21-23. | 1.2 | 22 |
| 69 | Probing molecular bond-length using molecular-frame photoelectron angular distributions. <i>Journal of Chemical Physics</i> , 2019, 150, 174306. | 3.0 | 21 |
| 70 | Asymmetry in the dissociation of O ₂ in the core hole excited states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989, 22, L517-L521. | 1.5 | 20 |
| 71 | Dissociation of O ₂ induced by selective K-shell excitation. <i>Journal of Chemical Physics</i> , 1989, 91, 5329-5334. | 3.0 | 20 |
| 72 | Ion-ion coincidence studies on multiple ionizations of N ₂ and O ₂ molecules irradiated by extreme ultraviolet free-electron laser pulses. <i>Journal of Chemical Physics</i> , 2010, 132, 204305. | 3.0 | 20 |

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| 73 | Absolute soft X-ray measurements using an ion chamber. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 869-871. | 2.4 | 19 |
| 74 | Nuclear motion and symmetry breaking of the B 1s-excited BF ₃ molecule. <i>Chemical Physics</i> , 2003, 289, 135-147. | 1.9 | 19 |
| 75 | 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. <i>Journal of Chemical Physics</i> , 2005, 122, 084306. | 3.0 | 19 |
| 76 | Electron-ion coincidence momentum spectroscopy: Its application to Ar dimer interatomic decay. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 155, 113-118. | 1.7 | 19 |
| 77 | Vibrational-state-dependent decay of the CO C(1s) excitation. <i>Physical Review A</i> , 1995, 51, R4313-R4316. | 2.5 | 18 |
| 78 | Deformation, nuclear motion and fragmentation of core-excited CO ₂ probed by multiple-ion coincidence momentum imaging. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 141, 183-193. | 1.7 | 18 |
| 79 | A standard for absorbed dose rate to water in a ⁶⁰ Co field using a graphite calorimeter at the National Metrology Institute of Japan. <i>Radiation Protection Dosimetry</i> , 2013, 154, 331-339. | 0.8 | 18 |
| 80 | Symmetry-Resolved Vibrational Spectroscopy for the C1s ² 1 ² Renner-Teller Pair States in CO ₂ . <i>Physical Review Letters</i> , 2002, 88, 083001. | 7.8 | 17 |
| 81 | Photoelectron-photoion-photoion coincidence in Ar dimers. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, L235-L242. | 1.5 | 17 |
| 82 | Cold-target recoil-ion momentum spectroscopy for diagnostics of high harmonics of the extreme-ultraviolet free-electron laser light source at SPring-8. <i>Review of Scientific Instruments</i> , 2009, 80, 053105. | 1.3 | 17 |
| 83 | Unusual under-threshold ionization of neon clusters studied by ion spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 164023. | 1.5 | 17 |
| 84 | Asymmetric nuclear motion of the F1s ² ionized state in BF ₃ probed by quadruple-ion-coincidence momentum imaging. <i>Physical Review A</i> , 2004, 69, . | 2.5 | 16 |
| 85 | Effect of Inner-shell Excitations on the W-Value of Propane. <i>Bulletin of the Chemical Society of Japan</i> , 1985, 58, 3210-3214. | 3.2 | 15 |
| 86 | Energy dependences of fragment ion yields from acetone photoexcited in the C1s and O1s transition regions. <i>Chemical Physics</i> , 2000, 253, 351-359. | 1.9 | 15 |
| 87 | Fine structure near the C-K edge in the photon W-value of methane. <i>Chemical Physics</i> , 1986, 108, 327-333. | 1.9 | 14 |
| 88 | Absolute Intensity of Soft X-Rays of Synchrotron Radiation from the ETL-Storage Ring. <i>Japanese Journal of Applied Physics</i> , 1986, 25, 130-136. | 1.5 | 14 |
| 89 | Ionic dissociation of CF ₂ Cl ₂ photoexcited using monochromatic soft X-rays. <i>Chemical Physics</i> , 1994, 182, 81-90. | 1.9 | 14 |
| 90 | Ionic Fragmentation of CF ₃ Cl Photoexcited in the Cl L-Shell, C K-Shell, and F K-Shell Transition Regions. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1119-1128. | 3.2 | 14 |

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| 91 | Photoelectron spectroscopy on oriented molecules. Journal of Electron Spectroscopy and Related Phenomena, 1996, 79, 415-417. | 1.7 | 14 |
| 92 | Photon W-value for Ar in the sub-keV X-ray region. Radiation Physics and Chemistry, 2001, 60, 291-296. | 2.8 | 14 |
| 93 | Development of the Soft X-ray Intensity Measurement with a Cryogenic Radiometer. AIP Conference Proceedings, 2007, , . | 0.4 | 14 |
| 94 | Inhomogeneous charge redistribution in Xe clusters exposed to an intense extreme ultraviolet free electron laser. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 161001. | 1.5 | 14 |
| 95 | Investigation of the interaction of xenon cluster with intense EUV FEL pulses using pulsed cluster beam source and momentum imaging spectrometer. Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 125-128. | 1.7 | 14 |
| 96 | Improvement of a cryogenic radiometer for XFEL absolute intensity measurement. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 528-530. | 1.6 | 14 |
| 97 | Charge and energy transfer in argon-core neon-shell clusters irradiated by free-electron-laser pulses at 62 nm. Physical Review A, 2012, 86, . | 2.5 | 14 |
| 98 | Room-temperature calorimeter for x-ray free-electron lasers. Review of Scientific Instruments, 2015, 86, 093104. | 1.3 | 14 |
| 99 | Oscillatory Variation near the K Edge in the PhotonW-Value of Ethylene. Bulletin of the Chemical Society of Japan, 1987, 60, 2989-2992. | 3.2 | 13 |
| 100 | Resonant Auger spectrum following Kr:2p \hat{a} ' 5s photoexcitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, L605-L610. | 1.5 | 13 |
| 101 | Polarization Measurements of Soft X-ray Emitted from the Figure-8 Undulator. AIP Conference Proceedings, 2004, , . | 0.4 | 13 |
| 102 | Total photoabsorption cross-section of Ar in the sub-keV energy region. Radiation Physics and Chemistry, 2005, 73, 1-6. | 2.8 | 13 |
| 103 | Internal Inelastic Scattering Satellite Probed by Molecular-Frame Photoelectron Angular Distributions from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{CO} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2008, 101, 023001. | 7.8 | 13 |
| 104 | Frustration of photoionization of Ar nanoplasma produced by extreme ultraviolet FEL pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164019. | 1.5 | 13 |
| 105 | Kinetic energy released in positive ion pair formation from inner-shell excited oxygen molecule. Journal of Chemical Physics, 1990, 93, 4073-4076. | 3.0 | 12 |
| 106 | Variation in branching ratios for ion pair formation from CFCI3 photoexcited in the inner-shell transition regions. International Journal of Mass Spectrometry and Ion Processes, 1997, 163, 229-240. | 1.8 | 12 |
| 107 | The stability of multiply charged vanadium, niobium and tantalum clusters. Chemical Physics Letters, 1999, 300, 262-268. | 2.6 | 12 |
| 108 | Photoabsorption cross-section for Kr in the sub-keV energy region. Journal of Electron Spectroscopy and Related Phenomena, 2002, 123, 239-245. | 1.7 | 12 |

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| 109 | Dissociative multiple photoionization of Br ₂ , IBr, and I ₂ in the VUV and X-ray regions: a comparative study of the inner-shell processes involving Br(3d,3p,3s) and I(4d,4p,4s,3d,3p). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 127, 139-152. | 1.7 | 12 |
| 110 | Nitrogen K-shell photoelectron angular distribution from NO molecules in the molecular frame. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008, 41, 045102. | 1.5 | 12 |
| 111 | First comparison of spectral responsivity in the soft x-ray region. <i>Metrologia</i> , 2012, 49, 501-506. | 1.2 | 12 |
| 112 | Photoelectron angular distributions in infrared one-photon and two-photon ionization of FEL-pumped Rydberg states of helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 205601. | 1.5 | 12 |
| 113 | Pulse-delay effects in the angular distribution of near-threshold EUV+IR two-photon ionization of Ne. <i>Physical Review A</i> , 2014, 89, . | 2.5 | 12 |
| 114 | Theoretical and experimental determination of the crystal structures of cesium molybdenum chloride. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 075502. | 1.5 | 12 |
| 115 | Nuclear motion in the O 1s core-excited states of CO ₂ probed by sub-natural-width resonant Auger emission spectroscopy. <i>Chemical Physics Letters</i> , 2000, 330, 91-96. | 2.6 | 11 |
| 116 | Lifetime effects on the dissociation of core-excited N ₂ and CO molecules. <i>Physical Review A</i> , 2000, 61, . | 2.5 | 11 |
| 117 | Symmetry- and multiplet-resolved N 1s photoionization cross sections of the NO ₂ molecule. <i>Physical Review A</i> , 2004, 70, . | 2.5 | 11 |
| 118 | Variation in ion-pair yields from CF ₂ Cl ₂ photoexcited in the inner-shell excitation regions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1994, 136, 55-69. | 1.8 | 10 |
| 119 | Kinetic energy release in ionic fragmentation of CF ₄ following soft X-ray absorption. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 3505-3521. | 1.5 | 10 |
| 120 | Fragment ion yields from CF ₃ Cl in the Cl L-shell, the C K-shell and the F K-shell excitation regions. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 101-103, 69-73. | 1.7 | 10 |
| 121 | Cation pair formation from acetone following monochromatic soft x-ray absorption. <i>International Journal of Mass Spectrometry</i> , 2000, 198, 165-172. | 1.5 | 10 |
| 122 | Probe of bending motion following the 1s core excitation of N ₂ O. <i>Journal of Chemical Physics</i> , 2004, 120, 3635-3641. | 3.0 | 10 |
| 123 | Experimental and theoretical study of resonant Auger decay of core-excited NO ₂ . <i>Chemical Physics Letters</i> , 2004, 399, 426-432. | 2.6 | 10 |
| 124 | Measurement of the single-shot pulse energy of a free electron laser using a cryogenic radiometer. <i>Metrologia</i> , 2010, 47, 518-521. | 1.2 | 10 |
| 125 | Angle-resolved electron and ion spectroscopy apparatus on the soft X-ray photochemistry beamline BL27SU at SPring-8. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 1502-1504. | 1.6 | 9 |
| 126 | Dynamics of core-ionization and excitation of molecules probed by multiple coincidence momentum imaging spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 103-107. | 1.7 | 9 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Electron-ion multiple coincidence spectroscopy for small molecules and clusters. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 68-72. | 1.7 | 9 |
| 128 | Asymmetry in the molecular-frame photoelectron angular distribution for oxygen 1s photoemission from CO ₂ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 194014. | 1.5 | 9 |
| 129 | Energy dependence of W value of methane in ultrasoft x-ray region. Radiation Physics and Chemistry (1977), 1985, 26, 305-307. | 0.3 | 8 |
| 130 | Multi-charged rare gas ions measured with a coincidence technique. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 65-69. | 1.7 | 8 |
| 131 | Three-dimensional electron-ion coincidence momentum imaging spectroscopy using an ultra-fast multi-hit TDC system. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 255-257. | 1.7 | 8 |
| 132 | High-resolution absolute photoabsorption cross sections for Ne in the 1s _{2s} and 1s _{2p} resonant double excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 2059-2069. | 1.5 | 8 |
| 133 | Fluorine K-shell photoelectron angular distribution from CF ₄ molecules in the molecular frame. Chemical Physics Letters, 2008, 451, 182-185. | 2.6 | 8 |
| 134 | Ionic Fragmentation of NO Following Excitation of the NK-Shell and the OK-Shell Electron. Laser Chemistry, 1995, 16, 5-18. | 0.5 | 7 |
| 135 | High resolution measurement for the resonant Auger emission of Xe following 3d _{5/2} 6p excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, L377-L382. | 1.5 | 7 |
| 136 | Photon W-value for Xe in the soft X-ray region. Journal of Electron Spectroscopy and Related Phenomena, 2001, 119, 147-153. | 1.7 | 7 |
| 137 | Precise photoabsorption cross sections of Ne and Xe. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 1577-1580. | 1.6 | 7 |
| 138 | Control of nuclear motion in the B _{2b2} ionic 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 |
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