

Raimund Feifel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

207
papers

4,706
citations

37
h-index

59
g-index

225
ext. papers

5,286
ext. citations

4.3
avg, IF

4.72
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 207 | Following excited-state chemical shifts in molecular ultrafast x-ray photoelectron spectroscopy.. <i>Nature Communications</i> , 2022 , 13, 198 | 17.4 | 7 |
| 206 | Time-Resolved Ultrafast Interatomic Coulombic Decay in Superexcited Sodium-Doped Helium Nanodroplets.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 4470-4478 | 6.4 | 0 |
| 205 | Unimolecular Double Photoionization-Induced Processes in Iron Pentacarbonyl. <i>Inorganic Chemistry</i> , 2021 , 60, 17966-17975 | 5.1 | 0 |
| 204 | Complex Attosecond Waveform Synthesis at FEL FERMI. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9791 | 2.6 | 0 |
| 203 | Core-Level Spectroscopy of 2-Thiouracil at the Sulfur L- and L-Edges Utilizing a SASE Free-Electron Laser. <i>Molecules</i> , 2021 , 26, | 4.8 | 1 |
| 202 | Analysis of two-color photoelectron spectroscopy for attosecond metrology at seeded free-electron lasers. <i>New Journal of Physics</i> , 2021 , 23, 043046 | 2.9 | 0 |
| 201 | Unravelling the full relaxation dynamics of superexcited helium nanodroplets. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 15138-15149 | 3.6 | 3 |
| 200 | SO (= 0, 1, and 2) Molecular Systems: Characterization and Atmospheric Planetary Implications. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 1958-1971 | 2.8 | 0 |
| 199 | State selective fragmentation of doubly ionized sulphur dioxide. <i>Scientific Reports</i> , 2021 , 11, 17137 | 4.9 | 1 |
| 198 | Enhancement of Above Threshold Ionization in Resonantly Excited Helium Nanodroplets. <i>Physical Review Letters</i> , 2021 , 127, 093201 | 7.4 | 3 |
| 197 | Correlation-Driven Transient Hole Dynamics Resolved in Space and Time in the Isopropanol Molecule. <i>Physical Review X</i> , 2021 , 11, | 9.1 | 2 |
| 196 | The O KV spectrum of CO: the influence of the second core-hole. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 10780-10790 | 3.6 | 1 |
| 195 | Transient resonant Auger-Meitner spectra of photoexcited thymine. <i>Faraday Discussions</i> , 2021 , 228, 555-570 | 5.0 | 2 |
| 194 | Spin-orbit-resolved spectral phase measurements around a Fano resonance. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 184003 | 1.3 | 4 |
| 193 | Tracking attosecond electronic coherences using phase-manipulated extreme ultraviolet pulses. <i>Nature Communications</i> , 2020 , 11, 883 | 17.4 | 32 |
| 192 | Attosecond pulse shaping using a seeded free-electron laser. <i>Nature</i> , 2020 , 578, 386-391 | 50.4 | 48 |
| 191 | Coulomb explosion of CDI induced by single photon deep inner-shell ionisation. <i>Scientific Reports</i> , 2020 , 10, 1246 | 4.9 | 2 |

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| 190 | High-gain harmonic generation with temporally overlapping seed pulses and application to ultrafast spectroscopy. <i>Optics Express</i> , 2020 , 28, 29976-29990 | 3.3 | 3 |
| 189 | Double and Triple Ionisation of Isocyanic Acid. <i>Scientific Reports</i> , 2020 , 10, 2288 | 4.9 | 1 |
| 188 | Ultrafast dynamics of 2-thiouracil investigated by time-resolved Auger spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 54, 014002 | 1.3 | 5 |
| 187 | Tracking the ultraviolet-induced photochemistry of thiophenone during and after ultrafast ring opening. <i>Nature Chemistry</i> , 2020 , 12, 795-800 | 17.6 | 19 |
| 186 | URSA-PQ: A Mobile and Flexible Pump-Probe Instrument for Gas Phase Samples at the FLASH Free Electron Laser. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7882 | 2.6 | 4 |
| 185 | Attosecond timing of electron emission from a molecular shape resonance. <i>Science Advances</i> , 2020 , 6, eaba7762 | 14.3 | 16 |
| 184 | Attosecond electron-spin dynamics in Xe 4d photoionization. <i>Nature Communications</i> , 2020 , 11, 5042 | 17.4 | 5 |
| 183 | Femtosecond-resolved observation of the fragmentation of buckminsterfullerene following X-ray multiphoton ionization. <i>Nature Physics</i> , 2019 , 15, 1279-1283 | 16.2 | 12 |
| 182 | Relative extent of triple Auger decay in CO and CO. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 9889-9894 | 3.9 | 2 |
| 181 | Competition between folded and extended structures of alanylalanine (Ala-Ala) in a molecular beam. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 14126-14132 | 3.6 | 7 |
| 180 | Triple ionization of HCl via states with a 2p core hole. <i>Journal of Chemical Physics</i> , 2019 , 151, 114301 | 3.9 | |
| 179 | Parametrization of energy sharing distributions in direct double photoionization of He. <i>Scientific Reports</i> , 2019 , 9, 17883 | 4.9 | 3 |
| 178 | Conformational Preferences of Isolated Glycylglycine (Gly-Gly) Investigated with IRMPD-VUV Action Spectroscopy and Advanced Computational Approaches. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 862-872 | 2.8 | 8 |
| 177 | Time-frequency representation of autoionization dynamics in helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018 , 51, 044002 | 1.3 | 23 |
| 176 | KL double core hole pre-edge states of HCl. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 2724-2730 | 3.6 | 10 |
| 175 | Acetylacetone photodynamics at a seeded free-electron laser. <i>Nature Communications</i> , 2018 , 9, 63 | 17.4 | 43 |
| 174 | Double Photoionisation Spectra of Molecules 2018 , | | 5 |
| 173 | Abundance of molecular triple ionization by double Auger decay. <i>Scientific Reports</i> , 2018 , 8, 16405 | 4.9 | 11 |

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| 172 | Dissociations of water ions after valence and inner-valence ionization. <i>Journal of Chemical Physics</i> , 2018 , 149, 204307 | 3.9 | 3 |
| 171 | Double-core-hole states in CHCN: Pre-edge structures and chemical-shift contributions. <i>Journal of Chemical Physics</i> , 2018 , 149, 134313 | 3.9 | 8 |
| 170 | Single Photon Thermal Ionization of C ₆₀ . <i>Physical Review Letters</i> , 2017 , 118, 103001 | 7.4 | 11 |
| 169 | Valence double ionization electron spectra of CH ₃ F, CH ₃ Cl and CH ₃ I. <i>Chemical Physics</i> , 2017 , 491, 42-47 | 2.3 | 5 |
| 168 | Probing ultrafast π/π^* internal conversion in organic chromophores via K-edge resonant absorption. <i>Nature Communications</i> , 2017 , 8, 29 | 17.4 | 101 |
| 167 | Optimization of core-valence states of molecules. <i>Molecular Physics</i> , 2017 , 115, 252-259 | 1.7 | 1 |
| 166 | Photoionization in the time and frequency domain. <i>Science</i> , 2017 , 358, 893-896 | 33.3 | 110 |
| 165 | Optical setup for two-colour experiments at the low density matter beamline of FERMI. <i>Journal of Optics (United Kingdom)</i> , 2017 , 19, 114010 | 1.7 | 5 |
| 164 | Cationic double K-hole pre-edge states of CS and SF. <i>Scientific Reports</i> , 2017 , 7, 13317 | 4.9 | 16 |
| 163 | Accurate prediction of X-ray pulse properties from a free-electron laser using machine learning. <i>Nature Communications</i> , 2017 , 8, 15461 | 17.4 | 40 |
| 162 | Experimental and theoretical study of the double-core-hole hypersatellite Auger spectrum of Ne. <i>Physical Review A</i> , 2017 , 96, | 2.6 | 11 |
| 161 | Auger decay of 4d inner-shell holes in atomic Hg leading to triple ionization. <i>Physical Review A</i> , 2017 , 96, | 2.6 | 5 |
| 160 | Pulse Duration of Seeded Free-Electron Lasers. <i>Physical Review X</i> , 2017 , 7, | 9.1 | 30 |
| 159 | Probing molecular photoinduced dynamics by ultrafast soft x-rays 2017 , | | 1 |
| 158 | Observing Femtosecond Fragmentation Using Ultrafast X-ray-Induced Auger Spectra. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 681 | 2.6 | 15 |
| 157 | Relative extent of double and single Auger decay in molecules containing C, N and O atoms. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 25705-25710 | 3.6 | 11 |
| 156 | Infrared Action Spectroscopy of Low-Temperature Neutral Gas-Phase Molecules of Arbitrary Structure. <i>Physical Review Letters</i> , 2016 , 117, 118101 | 7.4 | 13 |
| 155 | Ultrafast Molecular Three-Electron Auger Decay. <i>Physical Review Letters</i> , 2016 , 116, 073001 | 7.4 | 10 |

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| 154 | Mechanisms of site-specific photochemistry following core-shell ionization of chemically inequivalent carbon atoms in acetaldehyde (ethanal). <i>Journal of Chemical Physics</i> , 2016 , 145, 124302 | 3.9 | 7 |
| 153 | Electron spectroscopy of rare-gas clusters irradiated by x-ray free-electron laser pulses from SACLA. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 034004 | 1.3 | 9 |
| 152 | Wide range double photoionisation spectra of N ₂ and CO ₂ . <i>Chemical Physics Letters</i> , 2016 , 646, 31-35 | 2.5 | 5 |
| 151 | Aminophenol isomers unraveled by conformer-specific far-IR action spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 6275-83 | 3.6 | 15 |
| 150 | An experimental and theoretical study of core-valence double ionisation of acetaldehyde (ethanal). <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2535-47 | 3.6 | 2 |
| 149 | Experimental and theoretical XPS and NEXAFS studies of N-methylacetamide and N-methyltrifluoroacetamide. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 2210-8 | 3.6 | 12 |
| 148 | Femtosecond X-ray-induced fragmentation of fullerenes. <i>Journal of Modern Optics</i> , 2016 , 63, 390-401 | 1.1 | 10 |
| 147 | Transient NEXAFS Spectroscopy at the Oxygen Edge: Pinning Down π/π^* Internal Conversion 2016 , | | 1 |
| 146 | Stimulated X-Ray Raman Scattering with Free-Electron Laser Sources. <i>Springer Proceedings in Physics</i> , 2016 , 201-207 | 0.2 | 1 |
| 145 | Excited state dynamics of acrylonitrile: Substituent effects at conical intersections interrogated via time-resolved photoelectron spectroscopy and ab initio simulation. <i>Journal of Chemical Physics</i> , 2016 , 145, 114306 | 3.9 | 13 |
| 144 | Far-infrared amide IV-VI spectroscopy of isolated 2- and 4-Methylacetanilide. <i>Journal of Chemical Physics</i> , 2016 , 145, 104309 | 3.9 | 9 |
| 143 | NEXAFS spectroscopy and site-specific fragmentation of N-methylformamide, N,N-dimethylformamide, and N,N-dimethylacetamide. <i>Journal of Chemical Physics</i> , 2016 , 144, 244310 | 3.9 | 8 |
| 142 | Dissociation of multiply charged ICN by Coulomb explosion. <i>Journal of Chemical Physics</i> , 2016 , 145, 074303 | 3.9 | 3 |
| 141 | Collective relaxation processes in atoms, molecules and clusters. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 082001 | 1.3 | 8 |
| 140 | Double-Core-Hole States in Neon: Lifetime, Post-Collision Interaction, and Spectral Assignment. <i>Physical Review Letters</i> , 2016 , 117, 133001 | 7.4 | 46 |
| 139 | NEXAFS and XPS studies of nitrosyl chloride. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 9040-8 | 3.6 | 16 |
| 138 | Covariance mapping of two-photon double core hole states in C ₂ H ₂ and C ₂ H ₆ produced by an x-ray free electron laser. <i>New Journal of Physics</i> , 2015 , 17, 073002 | 2.9 | 24 |
| 137 | Triple ionization of atomic Cd involving 4p π and 4s π inner-shell holes. <i>Physical Review A</i> , 2015 , 92, | 2.6 | 10 |

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| 136 | Nanoplasma Formation by High Intensity Hard X-rays. <i>Scientific Reports</i> , 2015 , 5, 10977 | 4.9 | 51 |
| 135 | Complete dissociation branching fractions and Coulomb explosion dynamics of SO ₂ induced by excitation of O 1s pre-edge resonances. <i>Journal of Chemical Physics</i> , 2015 , 143, 134302 | 3.9 | 4 |
| 134 | A study of the dynamical energy flow in uracil. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112062 | 0.3 | 5 |
| 133 | Influence of Alkoxy Groups on the Photoinduced Dynamics of Organic Molecules Exemplified on Alkyl Vinyl Ethers. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 11105-12 | 2.8 | 9 |
| 132 | Ion charge-resolved branching in decay of inner shell holes in Xe up to 1200 eV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015 , 48, 205001 | 1.3 | 9 |
| 131 | Direct observation of three-electron collective decay in a resonant Auger process. <i>New Journal of Physics</i> , 2015 , 17, 122001 | 2.9 | 2 |
| 130 | Femtosecond x-ray induced fragmentation of Ho ₃ N@C ₈₀ . <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112052 | 0.3 | |
| 129 | Disentangling formation of multiple-core holes in aminophenol molecules exposed to bright X-FEL radiation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015 , 48, 244003 | 1.3 | 15 |
| 128 | Three-electron collective Auger decay in CH ₃ F. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 112031 | 0.3 | |
| 127 | Auger electron and photoabsorption spectra of glycine in the vicinity of the oxygen K-edge measured with an X-FEL. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015 , 48, 234004 | 1.3 | 7 |
| 126 | Single-photon double and triple ionization of acetaldehyde (ethanal) studied by multi-electron coincidence spectroscopy. <i>Chemical Physics</i> , 2015 , 463, 159-168 | 2.3 | 8 |
| 125 | 1,4-Disilacyclohexa-2,5-diene: a molecular building block that allows for remarkably strong neutral cyclic cross-hyperconjugation. <i>Chemical Science</i> , 2014 , 5, 360-371 | 9.4 | 16 |
| 124 | High resolution multiphoton spectroscopy by a tunable free-electron-laser light. <i>Physical Review Letters</i> , 2014 , 113, 193201 | 7.4 | 28 |
| 123 | Selectivity in fragmentation of N-methylacetamide after resonant K-shell excitation. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 15231-40 | 3.6 | 19 |
| 122 | Femtosecond X-ray-induced explosion of C ₆₀ at extreme intensity. <i>Nature Communications</i> , 2014 , 5, 4281 | 7.4 | 95 |
| 121 | Internal conversion versus intersystem crossing: what drives the gas phase dynamics of cyclic ketones?. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 2279-87 | 2.8 | 40 |
| 120 | Theory and simulations of covariance mapping in multiple dimensions for data analysis in high-event-rate experiments. <i>Physical Review A</i> , 2014 , 89, | 2.6 | 17 |
| 119 | Ultrafast X-ray Auger probing of photoexcited molecular dynamics. <i>Nature Communications</i> , 2014 , 5, 4235 | 17.4 | 117 |

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| 118 | Single site double core level ionisation of OCS. <i>Chemical Physics</i> , 2014 , 439, 111-116 | 2.3 | 8 |
| 117 | Experimental strategies for optical pump soft x-ray probe experiments at the LCLS. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 012015 | 0.3 | 15 |
| 116 | Sequential multiphoton multiple ionization of Ar and Xe by X-ray free electron laser pulses at SACLA. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 032034 | 0.3 | 1 |
| 115 | Mapping the decay of double core hole states of atoms and molecules. <i>Journal of Physics: Conference Series</i> , 2014 , 488, 032021 | 0.3 | 2 |
| 114 | Carbon dioxide ion dissociations after inner shell excitation and ionization: the origin of site-specific effects. <i>Journal of Chemical Physics</i> , 2014 , 140, 184305 | 3.9 | 4 |
| 113 | N1s and O1s double ionization of the NO and N2O molecules. <i>Journal of Chemical Physics</i> , 2014 , 140, 044309 | 3.9 | 15 |
| 112 | Dynamics of hollow atom formation in intense x-ray pulses probed by partial covariance mapping. <i>Physical Review Letters</i> , 2013 , 111, 073002 | 7.4 | 72 |
| 111 | Formation and decay of core-orbital vacancies in the water molecule. <i>Chemical Physics Letters</i> , 2013 , 558, 82-87 | 2.5 | 20 |
| 110 | Deep inner-shell multiphoton ionization by intense x-ray free-electron laser pulses. <i>Physical Review Letters</i> , 2013 , 110, 173005 | 7.4 | 110 |
| 109 | Sequential multiphoton multiple ionization of atomic argon and xenon irradiated by x-ray free-electron laser pulses from SACLA. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013 , 46, 164024 | 1.3 | 41 |
| 108 | Using covariance mapping to investigate the dynamics of multi-photon ionization processes of Ne atoms exposed to X-FEL pulses. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013 , 46, 164034 | 1.3 | 27 |
| 107 | Double core-hole formation in small molecules at the LCLS free electron laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013 , 46, 164030 | 1.3 | 19 |
| 106 | Complete double valence photoionization study of the electron spectra of krypton. <i>Physical Review A</i> , 2013 , 88, | 2.6 | 4 |
| 105 | Single-photon multiple ionization forming double vacancies in the 2p subshell of argon. <i>Physical Review A</i> , 2013 , 87, | 2.6 | 11 |
| 104 | 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 | 1.3 | 17 |
| 103 | Probing nucleobase photoprotection with soft x-rays. <i>EPJ Web of Conferences</i> , 2013 , 41, 07004 | 0.3 | 1 |
| 102 | Charge and energy transfer in argon-core neon-shell clusters irradiated by free-electron-laser pulses at 62 nm. <i>Physical Review A</i> , 2012 , 86, | 2.6 | 14 |
| 101 | Influence of double Auger decay on low-energy 3d photoelectrons of krypton. <i>Physical Review A</i> , 2012 , 86, | 2.6 | 12 |

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| 100 | Homonuclear site-specific photochemistry by an ion-electron multi-coincidence spectroscopy technique. <i>Chemical Physics Letters</i> , 2012 , 548, 90-94 | 2.5 | 31 |
| 99 | Publisher's Note: Experimental Verification of the Chemical Sensitivity of Two-Site Double Core-Hole States Formed by an X-Ray Free-Electron Laser [Phys. Rev. Lett. 108, 153003 (2012)]. <i>Physical Review Letters</i> , 2012 , 108, | 7.4 | 4 |
| 98 | Formation of Kr ³⁺ via core-valence doubly ionized intermediate states. <i>Physical Review A</i> , 2012 , 85, | 2.6 | 12 |
| 97 | Symmetry breaking in core-valence double photoionization of SO ₂ . <i>Physical Review A</i> , 2012 , 85, | 2.6 | 7 |
| 96 | Versatile high-repetition-rate phase-locked chopper system for fast timing experiments in the vacuum ultraviolet and x-ray spectral region. <i>Review of Scientific Instruments</i> , 2012 , 83, 013115 | 1.7 | 29 |
| 95 | Experimental verification of the chemical sensitivity of two-site double core-hole states formed by an x-ray free-electron laser. <i>Physical Review Letters</i> , 2012 , 108, 153003 | 7.4 | 93 |
| 94 | Multiple Ionization and Double Core-Hole Production in Molecules using the LCLS X-Ray FEL. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 032028 | 0.3 | |
| 93 | X-Ray FEL-induced Double Core-Hole Formation in Polyatomic Molecules. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 022083 | 0.3 | |
| 92 | Ultraintense X-Ray Induced Multiple Ionization and Double Core-Hole Production in Molecules 2011 , | | 5 |
| 91 | Single and multiple photoionisation of H ₂ S by 40-250 eV photons. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 18428-35 | 3.6 | 6 |
| 90 | Double-core-hole spectroscopy for chemical analysis with an intense X-ray femtosecond laser. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16912-5 | 11.5 | 147 |
| 89 | Core-level spectroscopy and dynamics of free molecules. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2011 , 183, 10-28 | 1.7 | 17 |
| 88 | Triple ionization of CO ₂ by valence and inner shell photoionization. <i>Journal of Chemical Physics</i> , 2011 , 135, 134309 | 3.9 | 22 |
| 87 | Symmetry and vibrationally resolved absorption spectra near the N K edges of N ₂ O: Experiment and theory. <i>Physical Review A</i> , 2011 , 83, | 2.6 | 1 |
| 86 | Double ionization of atomic cadmium. <i>Physical Review A</i> , 2011 , 83, | 2.6 | 9 |
| 85 | Structure sensitivity of double inner-shell holes in sulfur-containing molecules. <i>Physical Review A</i> , 2011 , 83, | 2.6 | 32 |
| 84 | 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 | 3.9 | 18 |
| 83 | Multielectron coincidence study of the double Auger decay of 3d-ionized krypton. <i>Physical Review A</i> , 2010 , 82, | 2.6 | 23 |

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| 82 | Strong-field photoionization of O ₂ at intermediate light intensity. <i>Physical Review A</i> , 2010 , 82, | 2.6 | 11 |
| 81 | Double core hole creation and subsequent Auger decay in NH ₃ and CH ₄ molecules. <i>Physical Review Letters</i> , 2010 , 105, 213005 | 7.4 | 96 |
| 80 | Spectra of the triply charged ion CS(2)(3+) and selectivity in molecular Auger effects. <i>Journal of Chemical Physics</i> , 2010 , 132, 104311 | 3.9 | 16 |
| 79 | Triple ionization spectra by coincidence measurements of double Auger decay: The case of OCS. <i>Journal of Chemical Physics</i> , 2010 , 132, 014311 | 3.9 | 17 |
| 78 | Core-valence double photoionization of the CS(2) molecule. <i>Journal of Chemical Physics</i> , 2010 , 133, 094305 | 3.9 | 11 |
| 77 | Formation of the energetic doubly charged Ne ion by irradiation of large neon clusters using intense EUV-FEL pulses at 52 nm. <i>Journal of Physics: Conference Series</i> , 2010 , 235, 012019 | 0.3 | 1 |
| 76 | Experimental and theoretical study of core-valence double photoionization of OCS. <i>Physical Review A</i> , 2010 , 82, | 2.6 | 12 |
| 75 | Triple ionisation of methane by double Auger and related pathways. <i>Chemical Physics Letters</i> , 2010 , 485, 21-25 | 2.5 | 18 |
| 74 | Double photoionization of alcohol molecules. <i>Physical Review A</i> , 2009 , 80, | 2.6 | 6 |
| 73 | Energy correlation of the three electrons emitted during the triple photoionization of Ar. <i>Physical Review Letters</i> , 2009 , 102, 013002 | 7.4 | 23 |
| 72 | A photoelectron and double photoionization study of the valence electronic structure of 1,4-bromofluorobenzene. <i>Journal of Chemical Physics</i> , 2009 , 131, 184302 | 3.9 | 4 |
| 71 | An x-ray absorption and a normal Auger study of the fine structure in the S2p region of the CS ₂ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009 , 42, 085102 | 1.3 | 3 |
| 70 | Cationic Rydberg states observed in resonantly enhanced electron spectra of CS ₂ . <i>Chemical Physics</i> , 2009 , 355, 55-61 | 2.3 | 2 |
| 69 | Resonant Auger decay study of C1s→ core-excited OCS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009 , 174, 100-106 | 1.7 | 6 |
| 68 | Multiple ionization of rare gas atoms by intense free electron laser radiation at 51 and 61 nm. <i>Journal of Physics: Conference Series</i> , 2009 , 194, 032021 | 0.3 | |
| 67 | Ion-ion coincidence studies on multiple ionizations of N ₂ and O ₂ molecules irradiated by EUV free-electron laser at SPring-8. <i>Journal of Physics: Conference Series</i> , 2009 , 194, 032047 | 0.3 | |
| 66 | The O 1s photoelectron spectrum of molecular oxygen revisited. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2008 , 41, 095101 | 1.3 | 17 |
| 65 | Double photoionization and dication fragmentation of CF ₃ I: Experiment and theory. <i>Journal of Chemical Physics</i> , 2008 , 128, 234303 | 3.9 | 8 |

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| 64 | Double photoionization of thiophene and bromine-substituted thiophenes. <i>Journal of Chemical Physics</i> , 2008 , 129, 234303 | 3.9 | 6 |
| 63 | Coincidence technique using synchrotron radiation for triple photoionization: Results on rare gas atoms. <i>Physical Review A</i> , 2008 , 78, | 2.6 | 19 |
| 62 | Single-photon core-valence double ionization of molecular oxygen. <i>Physical Review A</i> , 2008 , 78, | 2.6 | 14 |
| 61 | Symmetry-resolved x-ray absorption fine structure and resonant Auger-spectator-electron decay study of O 1s→Rydberg resonances in O ₂ . <i>Physical Review A</i> , 2008 , 78, | 2.6 | 15 |
| 60 | Radiative decay spectra of selected doubly excited states in helium. <i>Physical Review A</i> , 2008 , 77, | 2.6 | 6 |
| 59 | X-ray absorption and resonant Auger spectroscopy of O ₂ in the vicinity of the O 1s→σ* resonance: experiment and theory. <i>Journal of Chemical Physics</i> , 2008 , 128, 064304 | 3.9 | 26 |
| 58 | The influence of the π resonance on the Auger decay of core-ionized molecular nitrogen. <i>Chemical Physics Letters</i> , 2008 , 456, 1-6 | 2.5 | 23 |
| 57 | Symmetry and vibrationally resolved absorption spectra near the O K edge of N ₂ O: Experiment and theory. <i>Chemical Physics Letters</i> , 2007 , 435, 182-187 | 2.5 | 22 |
| 56 | 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. <i>Journal of Chemical Physics</i> , 2007 , 126, 174304 | 3.9 | 11 |
| 55 | An experimental and theoretical study of double photoionization of CF ₄ using time-of-flight photoelectron-photoelectron (photoion-photoion) coincidence spectroscopy. <i>Journal of Chemical Physics</i> , 2006 , 125, 194318 | 3.9 | 22 |
| 54 | Quenching and restoring of the A ⁺ cationic state in resonant Auger electron spectra of CO in the vicinity of the O 1s→π resonance. <i>Physical Review A</i> , 2006 , 74, | 2.6 | 9 |
| 53 | Double ionisation of ICN and BrCN studied by a new photoelectron-photoion coincidence technique. <i>Chemical Physics</i> , 2006 , 327, 85-90 | 2.3 | 43 |
| 52 | The electronic structure of free water clusters probed by Auger electron spectroscopy. <i>Journal of Chemical Physics</i> , 2005 , 123, 054310 | 3.9 | 75 |
| 51 | An experimental and theoretical study of the valence shell photoelectron spectrum of tetrafluoromethane. <i>Chemical Physics</i> , 2005 , 308, 43-57 | 2.3 | 33 |
| 50 | Postcollision interaction in noble gas clusters: observation of differences in surface and bulk line shapes. <i>Journal of Chemical Physics</i> , 2005 , 123, 211101 | 3.9 | 21 |
| 49 | Valence double ionization of O ₂ at photon energies below and above the molecular double ionization threshold. <i>Journal of Chemical Physics</i> , 2005 , 122, 144308 | 3.9 | 40 |
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