

# Lorenzo Avaldi

## 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.

301  
papers

6,425  
citations

37  
h-index

69  
g-index

324  
ext. papers

6,967  
ext. citations

2.5  
avg, IF

5.03  
L-index

#	Paper	IF	Citations
301	Fabrication of a New, Low-Cost, and Environment-Friendly Laccase-Based Biosensor by Electropray Immobilization with Unprecedented Reuse and Storage Performances.. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2022</b> , 10, 1888-1898	8.3	2
300	A systematic study of the valence electronic structure of cyclo(Gly-Phe), cyclo(Trp-Tyr) and cyclo(Trp-Trp) dipeptides in the gas phase. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 26793-26805	3.6	1
299	Carbon and Nitrogen K-Edge NEXAFS Spectra of Indole, 2,3-Dihydro-7-azaindole, and 3-Formylindole. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 4160-4172	2.8	1
298	Roadmap on dynamics of molecules and clusters in the gas phase. <i>European Physical Journal D</i> , <b>2021</b> , 75, 1	1.3	8
297	Competitive Dehydrogenation and Backbone Fragmentation of Superhydrogenated PAHs: A Laboratory Study. <i>Astrophysical Journal</i> , <b>2021</b> , 913, 46	4.7	1
296	Photoionization of methanol: a molecular source for the prebiotic chemistry. <i>Chemical Physics Letters</i> , <b>2021</b> , 771, 138467	2.5	2
295	The M4,5-NN Auger and M2,3-M4,5N Coster-Kronig spectra of krypton induced by electron impact. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2021</b> , 268, 107638	2.1	2
294	"Smart Decomposition" of Cyclic Alanine-Alanine Dipeptide by VUV Radiation: A Seed for the Synthesis of Biologically Relevant Species. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 7379-7386	6.4	4
293	A general approach to study molecular fragmentation and energy redistribution after an ionizing event. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 1859-1867	3.6	3
292	A combined experimental and theoretical study of photodouble ionization of water at 32 eV excess energy and unequal energy sharing. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2021</b> , 54, 034002	1.3	1
291	A combined experimental and theoretical study of the lowest-lying valence, Rydberg and ionic electronic states of 2,4,6-trichloroanisole. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2021</b> , 271, 107751	2.1	
290	Ionization of 2- and 4(5)-Nitroimidazoles Radiosensitizers: A "Kinetic Competition" Between NO and NO Losses. <i>ChemPhysChem</i> , <b>2021</b> , 22, 2387-2391	3.2	0
289	Water-biomolecule clusters studied by photoemission spectroscopy and multilevel atomistic simulations: hydration or solvation?. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 15049-15058	3.6	3
288	Photodouble ionization of water. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1412, 152027	0.3	
287	Photo-double-ionization of water at 20 eV above threshold. <i>Physical Review A</i> , <b>2020</b> , 101,	2.6	6
286	The Reaction of Sulfur Dioxide Radical Cation with Hydrogen and its Relevance in Solar Geoengineering Models. <i>ChemPhysChem</i> , <b>2020</b> , 21, 1146-1156	3.2	3
285	Experimental and Theoretical Photoemission Study of Indole and Its Derivatives in the Gas Phase. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 4115-4127	2.8	7

284	Determination of energy-transfer distributions in ionizing ion-molecule collisions. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1412, 152085	0.3	
283	Electrospray deposition as a smart technique for laccase immobilisation on carbon black-nanomodified screen-printed electrodes. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 163, 112299	11.8	19
282	Inner shell photofragmentation of 2Cl-pyrimidine studied by mass spectrometry and electron-ion coincidence experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2020</b> , 53, 244004	1.3	2
281	VUV Photofragmentation of Chloriodomethane: The Iso-CHI-Cl and Iso-CHCl-I Radical Cation Formation. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 7491-7499	2.8	2
280	An investigation of photo-double ionization in benzene. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1412, 102010	0.3	
279	Unravelling molecular interactions in uracil clusters by XPS measurements assisted by ab initio and tight-binding simulations. <i>Scientific Reports</i> , <b>2020</b> , 10, 13081	4.9	7
278	Ion optics simulation of an ion beam setup coupled to an electrospray ionization source, strengths, and limitations. <i>Review of Scientific Instruments</i> , <b>2020</b> , 91, 073203	1.7	0
277	The Auger spectra in argon induced by electron impact: New measurements with high resolution. <i>European Physical Journal D</i> , <b>2020</b> , 74, 1	1.3	1
276	Graphene-Induced Improvements of Perovskite Solar Cell Stability: Effects on Hot-Carriers. <i>Nano Letters</i> , <b>2019</b> , 19, 684-691	11.5	53
275	Radiation Damage Mechanisms of Chemotherapeutically Active Nitroimidazole Derived Compounds. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 329	5	6
274	Photodouble ionization of water studied by photoelectron-photoelectron coincidence experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 07LT01	1.3	2
273	Core Shell Investigation of 2-nitroimidazole. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 151	5	3
272	The convergence of forefront technologies in the design of laccase-based biosensors: An update. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 119, 115615	14.6	23
271	Gas Phase Oxidation of Carbon Monoxide by Sulfur Dioxide Radical Cation: Reaction Dynamics and Kinetic Trend With the Temperature. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 140	5	4
270	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2019</b> , 52, 171001	1.3	28
269	Energy analysis of ejected electrons in the region of the Ar L1-L2,3M Coster-Kronig transitions (2586 eV) induced by electron impact. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2019</b> , 237, 146898	1.7	1
268	Insights into 2- and 4(5)-Nitroimidazole Decomposition into Relevant Ions and Molecules Induced by VUV Ionization. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 4031-4041	2.8	17
267	An experimental and theoretical investigation of XPS and NEXAFS of 5-halouracils. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 6657-6667	3.6	5

266	A combined theoretical and experimental study of the ultrafast photophysics of Rhodamine B. <i>Molecular Physics</i> , <b>2018</b> , 116, 2162-2171	1.7	2
265	Photo-fragmentation of alkyl phosphates in the gas-phase. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 365, 13-22	4.7	3
264	Insights into the dissociative ionization of glycine by PEPICO experiments. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 22841-22848	3.6	8
263	Gold nanoparticles functionalized by rhodamine B isothiocyanate: A new tool to control plasmonic effects. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 513, 10-19	9.3	33
262	Ultrafast Hydrogen Migration in Photoionized Glycine. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 6012-6016	6.4	10
261	Circular Dichroism in Multiphoton Ionization of Resonantly Excited He <sup>+</sup> Ions. <i>Physical Review Letters</i> , <b>2017</b> , 118, 013002	7.4	43
260	HSO Formation from Ion-Molecule Reactions of SO with Water and Methane: Two Fast Reactions with Reverse Temperature-Dependent Kinetic Trend. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 6772-6780	4.8	11
259	Fragmentation of pure and hydrated clusters of 5Br-uracil by low energy carbon ions: observation of hydrated fragments. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 19807-19814	3.6	16
258	Photoprocesses with Biomolecules in the Gas Phase <b>2017</b> , 209-235		1
257	Circular Dichroism in the Multi-Photon Ionization of Oriented Helium Ions. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 875, 022029	0.3	
256	Dynamics of ion-molecule reactions of SO <sub>2</sub> .+ with H <sub>2</sub> O and CH <sub>4</sub> . <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 875, 032003	0.3	
255	Position does matter : the photofragmentation of the nitroimidazole isomers. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 875, 032007	0.3	
254	Energy and angular analysis of ejected electrons (606 eV) from the autoionization regions of argon at incident electron energies 505 and 2018 eV*. <i>European Physical Journal D</i> , <b>2016</b> , 70, 1	1.3	3
253	Electron pair escape from fullerene cage via collective modes. <i>Scientific Reports</i> , <b>2016</b> , 6, 24396	4.9	13
252	The role of the environment in the ion induced fragmentation of uracil. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 16721-9	3.6	28
251	Angular distribution and circular dichroism in the two-colour XUV+NIR above-threshold ionization of helium. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 367-382	1.1	14
250	Communication: "Position" does matter: The photofragmentation of the nitroimidazole isomers. <i>Journal of Chemical Physics</i> , <b>2016</b> , 145, 191102	3.9	18
249	Chlorine Para-Substitution of 1-Phenylethanol: Resonant Photoionization Spectroscopy and Quantum Chemical Calculations of Hydrated and Diastereomeric Complexes. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 5023-31	2.8	1

248	Determination of Energy-Transfer Distributions in Ionizing Ion-Molecule Collisions. <i>Physical Review Letters</i> , <b>2016</b> , 117, 073201	7.4	27
247	VUV Photofragmentation of CH <sub>2</sub> I <sub>2</sub> : The [CH <sub>2</sub> I- <sup>+</sup> I] Iso-diiodomethane Intermediate in the I-Loss Channel from [CH <sub>2</sub> I <sub>2</sub> ] <sup>+</sup> . <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 3704-9	2.8	8
246	Singly and doubly excited states in ejected electron spectra of neon at high incident electron energies. <i>European Physical Journal D</i> , <b>2015</b> , 69, 1	1.3	2
245	Soft X-ray absorption spectroscopy of Ar <sub>2</sub> and ArNe dimers and small Ar clusters. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 22160-9	3.6	4
244	Coupling of collective excitation in proton and photon interaction with PAHs. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112059	0.3	
243	Site- and state-selected photofragmentation of 2Br-pyrimidine. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 24063-9	3.6	23
242	Study of complex molecules of biological interest with synchrotron radiation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2015</b> , 204, 335-344	1.7	11
241	A joint theoretical and experimental study on diiodomethane: Ions and neutrals in the gas phase. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 244312	3.9	14
240	A study of the dynamical energy flow in uracil. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112062	0.3	5
239	Selectivity in the photofragmentation of halo-pyrimidines. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112041	0.3	0
238	XUV induced hydrogen migration in 5-halouracil. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112131	0.3	2
237	New insight on the photofragmentation of CH <sub>2</sub> I <sub>2</sub> . <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 112064	0.3	3
236	Effects of the environment on the uracil molecule ionization induced by 12C <sub>4</sub> <sup>+</sup> ion beam. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 032096	0.3	
235	Plasmon excitation in valence shell photoelectron spectroscopy for PAHs. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 583, 012004	0.3	1
234	Coincidence photoelectron measurements following 2p photoionization in Mg. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 092099	0.3	
233	Charge and energy flows in ionised thymidine. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 635, 032072	0.3	
232	The Low Density Matter (LDM) beamline at FERMI: optical layout and first commissioning. <i>Journal of Synchrotron Radiation</i> , <b>2015</b> , 22, 538-43	2.4	39
231	IRIDE: Interdisciplinary research infrastructure based on dual electron linacs and lasers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 740, 138-146	1.2	8

230	Valence shell photoelectron spectroscopy of pyrene and fluorene: photon energy dependence in the far-ultraviolet region. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 3128-35	2.8	13
229	Determining the polarization state of an extreme ultraviolet free-electron laser beam using atomic circular dichroism. <i>Nature Communications</i> , <b>2014</b> , 5, 3648	17.4	57
228	Femtosecond X-ray-induced explosion of C60 at extreme intensity. <i>Nature Communications</i> , <b>2014</b> , 5, 4281	17.4	95
227	Competition between electron-donor and electron-acceptor substituents in nitrotoluene isomers: a photoelectron spectroscopy and ab initio investigation. <i>RSC Advances</i> , <b>2014</b> , 4, 5272	3.7	9
226	Photo-double-ionization of the nitrogen molecule. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	11
225	Photofragmentation of halogenated pyrimidine molecules in the VUV range. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2014</b> , 25, 351-67	3.5	24
224	Two electron interference in angular resolved double photoionization of Mg. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 012023	0.3	
223	The role of the partner atom and resonant excitation energy in ICD in rare gas dimers. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 022015	0.3	
222	Two-electron interference in angular resolved double photoionization of Mg. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 022006	0.3	
221	(e,2e) and (12e) experiments on C60. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 022018	0.3	
220	Photofragmentation of halogenated pyrimidine molecules in the VUV range. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 022011	0.3	
219	Interplay of post-collision interaction and photoelectron recapture in the near threshold inner shell ionization of rare gases. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 022017	0.3	
218	An experimental and theoretical study of the resonant Auger spectrum of the ethene molecule. <i>New Journal of Physics</i> , <b>2014</b> , 16, 073022	2.9	
217	Coincidence measurements following 2p photoionization in Mg. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 488, 022020	0.3	
216	Photofragmentation spectra of halogenated methanes in the VUV photon energy range. <i>Journal of Chemical Physics</i> , <b>2014</b> , 140, 184307	3.9	11
215	Experimental investigation of the interatomic Coulombic decay in NeAr dimers. <i>Physical Review A</i> , <b>2014</b> , 90,	2.6	5
214	Photo-double-ionization of Mg studied by electron-electron-coincidence experiments. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	6
213	Avoided-crossing spectroscopy technique based on detection of atoms in metastable states. <i>Physical Review A</i> , <b>2014</b> , 89,	2.6	2

212	Insights into 2-Chloropyrimidine fragmentation through a thermochemical analysis of the ionic fragments. <i>European Physical Journal D</i> , <b>2014</b> , 68, 1	1.3	3
211	Inter- and intrachannel exchange interference in photoinduced Auger decay: The Kr M4,5N1N23 and Xe N4,5O1O23 cases. <i>Physical Review A</i> , <b>2013</b> , 87,	2.6	3
210	Signature of two-electron interference in angular resolved double photoionization of Mg. <i>Physical Review Letters</i> , <b>2013</b> , 110, 083001	7.4	14
209	The Role of the Partner Atom and Resonant Excitation Energy in Interatomic Coulombic Decay in Rare Gas Dimers. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 1797-801	6.4	35
208	A modular end-station for atomic, molecular, and cluster science at the low density matter beamline of FERMI@Elettra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2013</b> , 46, 164007	1.3	70
207	Near-threshold photoelectron angular distributions from two-photon resonant photoionization of He. <i>New Journal of Physics</i> , <b>2013</b> , 15, 013023	2.9	11
206	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> , <b>2013</b> , 46, 205601	1.3	10
205	A velocity map imaging apparatus for gas phase studies at FERMI@Elettra. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2012</b> , 284, 69-73	1.2	10
204	Photofragmentation of organic molecules of biological interest: The pyrimidine and 2Br <sub>2</sub> pyrimidine cases. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2012</b> , 279, 118-123	1.2	9
203	Vibrationally resolved photoionization of N <sub>2</sub> near threshold. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 104307	3.7	10
202	Collective excitations in the electron energy loss spectra of C <sub>60</sub> . <i>European Physical Journal D</i> , <b>2012</b> , 66, 1	1.3	35
201	Experimental and theoretical study of the chemi-ionization in thermal collisions of Ne Rydberg atoms. <i>Physical Review A</i> , <b>2012</b> , 85,	2.6	7
200	Interplay of the volume and surface plasmons in the electron energy loss spectra of C <sub>60</sub> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2012</b> , 45, 141002	1.3	20
199	Resonant double photoionisation spectroscopy of magnesium. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022025	0.3	
198	Resonant Auger spectroscopy at the carbon and nitrogen K-edges of pyrimidine. <i>Journal of Chemical Physics</i> , <b>2012</b> , 136, 154308	3.9	4
197	(e,2e) experiments on C <sub>60</sub> . <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 052059	0.3	
196	Angular distributions of low kinetic energy photoelectrons in one- and two-photon ionisation of rare gas atoms. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022057	0.3	
195	Near-threshold photoelectron angular distributions from two-photon resonant ionisation of He and Ne atoms. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 399, 012016	0.3	

194	Coherence of L <sub>2,3</sub> M <sub>22,3</sub> Auger decay paths by energy selected photoionization of argon. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 388, 022095	0.3	
193	Soft X-ray Interaction with Organic Molecules of Biological Interest <b>2012</b> , 165-176		4
192	A photoelectron velocity map imaging spectrometer for experiments combining synchrotron and laser radiations. <i>Review of Scientific Instruments</i> , <b>2011</b> , 82, 033109	1.7	46
191	Application of a VMI spectrometer to near-threshold photoionization with synchrotron radiation. <i>Journal of Physics: Conference Series</i> , <b>2011</b> , 288, 012020	0.3	1
190	(e,2e) experiments on C <sub>60</sub> . <i>Journal of Physics: Conference Series</i> , <b>2011</b> , 288, 012006	0.3	3
189	A study of selected fragmentation paths of the ethyne dication: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 19607-14	3.6	9
188	Multimode resonant Auger scattering from the ethene molecule. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 5103-12	3.4	9
187	Temporary anion states of pyrimidine and halopyrimidines. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 10775-82	2.8	21
186	Radiationless decay in the region of the 2t <sub>2g</sub> and 4e <sub>g</sub> resonances in SF <sub>6</sub> . <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 094308	3.9	5
185	Photoabsorption and S 2p photoionization of the SF <sub>6</sub> molecule: resonances in the excitation energy range of 200-280 eV. <i>Journal of Chemical Physics</i> , <b>2011</b> , 134, 174311	3.9	8
184	Velocity-map imaging of near-threshold photoelectrons in Ne and Ar. <i>Physical Review A</i> , <b>2011</b> , 84,	2.6	4
183	Effect of the charge localization in the C <sub>2</sub> <sup>+</sup> fragmentation pathway of the ethyne dication. <i>Physical Review A</i> , <b>2011</b> , 83,	2.6	7
182	Pyrimidine and halogenated pyrimidines near edge x-ray absorption fine structure spectra at C and N K-edges: experiment and theory. <i>Journal of Chemical Physics</i> , <b>2010</b> , 133, 034302	3.9	33
181	Photoionization of laser-excited caesium atoms above the 4d ionization threshold. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 215001	1.3	3
180	A study of the Ne 2s2p <sup>5</sup> (3P)3s and 3p correlation satellites up to 75 eV above threshold. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2010</b> , 43, 185204	1.3	3
179	Photoelectron imaging in pump-probe experiments combining synchrotron and laser radiation. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 235, 012006	0.3	1
178	Inner shell excitation, ionization and fragmentation of pyrimidine. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 212, 012002	0.3	13
177	Photoelectron angular distributions from polarized Ne* atoms near threshold. <i>Physical Review A</i> , <b>2010</b> , 82,	2.6	12



176	Ion-ion coincidence experiments with low extraction fields. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2010</b> , 180, 39-45	1.7	1
175	An experimental and computational study of the valence photoelectron spectra of halogenated pyrimidines. <i>Molecular Physics</i> , <b>2009</b> , 107, 2025-2037	1.7	17
174	The role of the methyl ion in the fragmentation of CH <sub>4</sub> <sup>2+</sup> . <i>New Journal of Physics</i> , <b>2009</b> , 11, 083006	2.9	22
173	Core level absorption of laser-excited Rb and Cs atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2009</b> , 42, 175001	1.3	3
172	The OCS S L3MM auger spectrum and angular distributions studied by photoelectron-auger electron coincidence experiments. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 15136-41	2.8	9
171	Photo-double-ionization of the ns shell of rare gases. <i>Physical Review A</i> , <b>2009</b> , 79,	2.6	1
170	Investigation of halogenated pyrimidines by X-ray photoemission spectroscopy and theoretical DFT methods. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 13593-600	2.8	32
169	Fragmentation of CH <sub>4</sub> <sup>2+</sup> studied by auger electron-ion-ion coincidence experiments. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 194, 052025	0.3	
168	The photodouble ionization of the ns shell of rare gases. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 194, 022046	0.3	
167	State selected S(2p) Auger decay in OCS studied by photoelectron-Auger electron coincidence. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 194, 022076	0.3	
166	Multitechnique investigation of the valence and inner shell excitation, ionization and decay of halogenated pyrimidines. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 194, 022057	0.3	
165	The Auger spectroscopy of pyrimidine and halogen-substituted pyrimidines. <i>Journal of Chemical Physics</i> , <b>2008</b> , 129, 154309	3.9	25
164	The ionization of Mg by electron impact at 1000 eV studied by (e, 2e) experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2008</b> , 41, 015201	1.3	7
163	An (e, 2e) study of the ionization and ionization-excitation of magnesium to the Mg+(3s), (3p) and (4s/3d) states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>2008</b> , 41, 065203	1.3	6
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23	An Ar valence-shell study by asymmetric (e, 2e) experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , <b>1988</b> , 21, L359-L364	1.3	8
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21	Absolute triple differential cross sections for electron impact ionisation of He at 1024.6 eV incident energy. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1987</b> , 20, 5827-5838		32
20	Electron momentum spectroscopy by asymmetric (e, 2e) collisions belonging to the Bethe ridge. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1987</b> , 20, 4163-4172		25
19	Absolute double differential ionization cross-section for electron impact: He. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , <b>1987</b> , 9, 97-113		20
18	Coulomb interaction in the final state of electron impact ionization: Effects on the triple differential cross section. <i>Physical Review A</i> , <b>1986</b> , 33, 851-860	2.6	28
17	PCI effects in (e, e' Auger) and (e,2e) cross sections: Ar 2p. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1986</b> , 19, 3787-3800		54
16	The problem of irradiation and detection angles in quantitative XRF analysis. <i>X-Ray Spectrometry</i> , <b>1985</b> , 14, 159-164	0.9	3
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14	Si(Li) Detector efficiency below 10 keV. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1984</b> , 5, 534-544	1.2	16
13	Precise X-ray production cross-section measurements of medium Z elements by protons. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1984</b> , 3, 21-26	1.2	2
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10	Characterisation of a new batch of ion implanted Bi in silicon specimens for use as primary reference surface standards. <i>Nuclear Instruments &amp; Methods in Physics Research</i> , <b>1983</b> , 218, 91-96		13
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8	Ionisation cross sections of Cd, Sn, Te, I and Ba for protons and alpha particles. <i>Journal of Physics B: Atomic and Molecular Physics</i> , <b>1983</b> , 16, 1957-1965		1
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1	Direct and resonant double photoionization: from atoms to solids1-47		