

Lorenzo Avaldi

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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	Isolated single-cycle attosecond pulses. <i>Science</i> , 2006 , 314, 443-6	33.3	1265
300	The high resolution Gas Phase Photoemission beamline, Elettra. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999 , 101-103, 959-964	1.7	183
299	The gas-phase photoemission beamline at Elettra. <i>Journal of Synchrotron Radiation</i> , 1998 , 5, 565-8	2.4	158
298	Threshold photoelectrons coincidence spectroscopy of doubly-charged ions of nitrogen, carbon monoxide, nitric oxide and oxygen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994 , 27, 2191-2209	1.3	136
297	A penetrating field electron-ion coincidence spectrometer for use in photoionization studies. <i>Measurement Science and Technology</i> , 1992 , 3, 316-324	2	119
296	A critical comparison of selected 1s and 2p core hole widths. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999 , 101-103, 141-147	1.7	111
295	Origin of dips and peaks in the absolute fully resolved cross sections for the electron-impact double ionization of He. <i>Physical Review A</i> , 1999 , 59, 3548-3555	2.6	111
294	Photodouble ionization and the dynamics of electron pairs in the continuum. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005 , 38, S861-S891	1.3	102
293	Measurement and ab initio calculation of the Ne photoabsorption spectrum in the region of the K edge. <i>Physical Review A</i> , 1999 , 59, 2494-2497	2.6	100
292	Femtosecond X-ray-induced explosion of C60 at extreme intensity. <i>Nature Communications</i> , 2014 , 5, 4281	7.4	95
291	Fully Determined (e,3e) Experiments for the Double Ionization of Helium. <i>Physical Review Letters</i> , 1998 , 81, 4600-4603	7.4	89
290	Vibrational structure of core to Rydberg state excitations of carbon dioxide and dinitrogen oxide. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999 , 32, 2551-2567	1.3	84
289	Double photoionization of CO ₂ , OCS, C ₂ H ₂ , CF ₄ , and C ₆ H ₆ studied by threshold photoelectrons coincidence (TPEsCO) spectroscopy. <i>Chemical Physics</i> , 1994 , 187, 125-135	2.3	82
288	Experimental Evidence for Circular Dichroism in the Double Photoionization of Helium. <i>Physical Review Letters</i> , 1996 , 77, 3975-3978	7.4	80
287	Vibrationally resolved oxygen K β spectra of O ₂ and CO. <i>Chemical Physics Letters</i> , 1999 , 306, 269-274	2.5	73
286	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> , 2013 , 46, 164007	1.3	70
285	Near threshold TDCS for photo-double ionization of helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995 , 28, L271-L277	1.3	69

284	Double-excitation and double-escape processes studied by photoelectron spectroscopy near threshold. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000 , 33, R215-R284	1.3	59
283	Photoionization phenomena near the double-ionization threshold of helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991 , 24, 115-125	1.3	58
282	Determining the polarization state of an extreme ultraviolet free-electron laser beam using atomic circular dichroism. <i>Nature Communications</i> , 2014 , 5, 3648	17.4	57
281	On the relevance of the final ionic state to the (e, 2e) TDCS. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1990 , 23, L227-L231	1.3	57
280	Photodouble ionization dynamics for fixed-in-space H ₂ . <i>Physical Review Letters</i> , 2006 , 96, 153002	7.4	54
279	PCI effects in (e,e' Auger) and (e,2e) cross sections: Ar 2p. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1986 , 19, 3787-3800		54
278	Graphene-Induced Improvements of Perovskite Solar Cell Stability: Effects on Hot-Carriers. <i>Nano Letters</i> , 2019 , 19, 684-691	11.5	53
277	Observation of the argon photoelectron satellites near threshold. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989 , 22, 3205-3216	1.3	53
276	High resolution threshold photoelectron and photoion spectroscopy of oxygen in the 12-50 eV photon range. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994 , 27, 3415-3426	1.3	52
275	C 1s ionization in C ₂ H ₂ studied by asymmetric (e,2e) experiments. <i>Physical Review A</i> , 1990 , 41, 134-139	2.6	52
274	Near-threshold photoionization of the Ar 2p subshell. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994 , 27, 3953-3966	1.3	49
273	Threshold photoelectrons coincidence spectroscopy of doubly charged ions of hydrogen chloride and chlorine. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994 , 27, 271-282	1.3	47
272	A photoelectron velocity map imaging spectrometer for experiments combining synchrotron and laser radiations. <i>Review of Scientific Instruments</i> , 2011 , 82, 033109	1.7	46
271	The SPARC project: a high-brightness electron beam source at LNF to drive a SASE-FEL experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 507, 345-349	1.2	44
270	Circular Dichroism in Multiphoton Ionization of Resonantly Excited He ⁺ Ions. <i>Physical Review Letters</i> , 2017 , 118, 013002	7.4	43
269	Double and single ionization of neon, argon and krypton in the threshold region studied by photoelectron-ion coincidence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992 , 25, 377-388	1.3	40
268	The Low Density Matter (LDM) beamline at FERMI: optical layout and first commissioning. <i>Journal of Synchrotron Radiation</i> , 2015 , 22, 538-43	2.4	39
267	Threshold photo-double ionization processes in helium studied by a photoelectron/photoion coincidence technique. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992 , 25, 1195-1207	1.3	39

266	Absolute measurement of ionization-excitation of helium at intermediate energies and their interpretation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998 , 31, 2981-2997	1.3	38
265	Statistical multistep direct emission in the $^{120}\text{Sn}(p, n)$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1980 , 94, 463-467	4.2	37
264	Collective excitations in the electron energy loss spectra of C60. <i>European Physical Journal D</i> , 2012 , 66, 1	1.3	35
263	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> , 2013 , 4, 1797-801	6.4	35
262	Near-threshold study of the neon photoelectron satellites. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991 , 24, 4133-4146	1.3	35
261	The asymmetric (e, 2e) collisions at intermediate and high impact energy: success and limits of first-order models. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1988 , 21, 2145-2157	1.3	35
260	Complementary TDCS for the photo-double ionization of He at 40 eV above the threshold in unequal energy-sharing conditions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001 , 34, 3193-3203	1.3	34
259	Ionization of the N23 sigmaorbital by electron impact studied by asymmetric (e,2e) experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992 , 25, 3551-3563	1.3	34
258	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> , 2010 , 133, 034302	3.9	33
257	Physical interpretation of the "kinetic energy release" effect in the double photoionization of H(2). <i>Physical Review Letters</i> , 2008 , 100, 193001	7.4	33
256	A study of post-collision interaction effects in Kr 3d and Xe 4d near-threshold photoionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991 , 24, 427-438	1.3	33
255	Gold nanoparticles functionalized by rhodamine B isothiocyanate: A new tool to control plasmonic effects. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 10-19	9.3	33
254	Investigation of halogenated pyrimidines by X-ray photoemission spectroscopy and theoretical DFT methods. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 13593-600	2.8	32
253	Observation and characterization of the fluorescence decay of the 2s2p(6)np 1P(o) excited states of Ne. <i>Physical Review Letters</i> , 2000 , 84, 431-4	7.4	32
252	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> , 1987 , 20, 5827-5838		32
251	Photodouble ionization beyond the helium case. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004 , 141, 105-119	1.7	31
250	Coplanar asymmetric (e,2e) experiments on xenon 4d and 5p orbitals. <i>Physical Review A</i> , 1993 , 48, 1195-1203	1.3	31
249	Direct observation of vibrational states of CO ₂ ⁺ and N ₂ ²⁺ by threshold photoelectrons coincidence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992 , 25, 411-419	1.3	31

248	Angular distribution of photoelectrons from ionization of helium into the He+ (N=2) states, between 69 and 77 eV. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991 , 24, L337-L342	1.3	30
247	A study of and satellite states observed by 'threshold photoelectrons coincidence' spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997 , 30, 5197-5212	1.3	29
246	Observation of the krypton and xenon photoelectron satellite spectra near threshold. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1990 , 23, 4469-4485	1.3	29
245	The role of the environment in the ion induced fragmentation of uracil. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 16721-9	3.6	28
244	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019 , 52, 171001	1.3	28
243	New developments for an electron impact (e,2e)(e,3e) spectrometer with multiangle collection and multicoincidence detection. <i>Review of Scientific Instruments</i> , 2007 , 78, 013108	1.7	28
242	Coulomb interaction in the final state of electron impact ionization: Effects on the triple differential cross section. <i>Physical Review A</i> , 1986 , 33, 851-860	2.6	28
241	Vibrational state dependence of beta and D asymmetry parameters: the case of the highest occupied molecular orbital photoelectron spectrum of methyl-oxirane. <i>Journal of Chemical Physics</i> , 2007 , 127, 124310	3.9	27
240	Absolute photoabsorption oscillator strengths by electron energy loss methods: the valence and S 2p and 2s inner shells of sulphur dioxide in the discrete and continuum regions (3.5-60 eV). <i>Chemical Physics</i> , 1999 , 240, 371-386	2.3	27
239	Measurement of Ne 1s and 1snl satellite photoelectron spectra near threshold. <i>Physical Review A</i> , 1995 , 51, 5025-5028	2.6	27
238	Determination of Energy-Transfer Distributions in Ionizing Ion-Molecule Collisions. <i>Physical Review Letters</i> , 2016 , 117, 073201	7.4	27
237	The Auger spectroscopy of pyrimidine and halogen-substituted pyrimidines. <i>Journal of Chemical Physics</i> , 2008 , 129, 154309	3.9	25
236	Experimental observation of post-collision interaction and interference effects in resonant double photoionization processes. <i>Physical Review Letters</i> , 2001 , 86, 1470-3	7.4	25
235	Double photoionization of He at 80 eV excess energy in the equal-energy-sharing condition. <i>Physical Review A</i> , 2002 , 65,	2.6	25
234	Vibrationally Selected O+D+ Fragmentation of O2 below the Adiabatic Double-Ionization Potential Studied via Electron-Electron Coincidence Spectroscopy. <i>Physical Review Letters</i> , 1999 , 82, 2075-2078	7.4	25
233	Energy and angle resolved studies of double photo-ionization of helium by electron time-of-flight coincidence spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996 , 29, L729-L736	1.3	25
232	Electron momentum spectroscopy by asymmetric (e, 2e) collisions belonging to the Bethe ridge. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1987 , 20, 4163-4172		25
231	Photofragmentation of halogenated pyrimidine molecules in the VUV range. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 351-67	3.5	24

230	Site- and state-selected photofragmentation of 2Br-pyrimidine. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 24063-9	3.6	23
229	The convergence of forefront technologies in the design of laccase-based biosensors ¶An update. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 119, 115615	14.6	23
228	Dynamics of the double ionization process by electron impact: Ar (e, 3e) experiments at low collision energy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002 , 35, 1103-1113	1.3	23
227	The role of the methyl ion in the fragmentation of CH ₄ ²⁺ . <i>New Journal of Physics</i> , 2009 , 11, 083006	2.9	22
226	Photoionization of acetylene near the threshold. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 71, 93-105	1.7	22
225	Temporary anion states of pyrimidine and halopyrimidines. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 10775-82	2.8	21
224	Interplay of the volume and surface plasmons in the electron energy loss spectra of C ₆₀ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012 , 45, 141002	1.3	20
223	Angular distributions of molecular Auger electrons: The case of C 1s Auger emission in CO. <i>Physical Review A</i> , 2007 , 75,	2.6	20
222	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> , 1987 , 9, 97-113		20
221	A procedure to extract the complex amplitudes of He photodouble ionization from experimental data. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003 , 36, L241-L247	1.3	19
220	Complete characterization of the Ar2p3d photoionization via Auger-electron-photoelectron coincidence experiments. <i>Physical Review A</i> , 2004 , 70,	2.6	19
219	Photo-double-ionization of atoms. <i>Radiation Physics and Chemistry</i> , 2004 , 70, 207-236	2.5	19
218	Effects of nuclear dynamics in the low-kinetic-energy Auger spectra of CO and CO ₂ . <i>Journal of Chemical Physics</i> , 2005 , 123, 224306	3.9	19
217	Angular distribution in xenon M _{4,5} N _{4,5} N _{4,5} Auger decay. <i>Physical Review A</i> , 1999 , 59, 315-319	2.6	19
216	Threshold photoelectron spectroscopy of HCl up to 40 eV. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 73, 217-229	1.7	19
215	Electrospray deposition as a smart technique for laccase immobilisation on carbon black-nanomodified screen-printed electrodes. <i>Biosensors and Bioelectronics</i> , 2020 , 163, 112299	11.8	19
214	Vinylidene dissociation following the Auger-electron decay of inner-shell ionized acetylene. <i>Physical Review A</i> , 2008 , 77,	2.6	18
213	Site-selected Auger electron spectroscopy of N ₂ O. <i>Journal of Chemical Physics</i> , 2006 , 125, 054306	3.9	18

212	Communication: "Position" does matter: The photofragmentation of the nitroimidazole isomers. <i>Journal of Chemical Physics</i> , 2016 , 145, 191102	3.9	18
211	Insights into 2- and 4(5)-Nitroimidazole Decomposition into Relevant Ions and Molecules Induced by VUV Ionization. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4031-4041	2.8	17
210	An experimental and computational study of the valence photoelectron spectra of halogenated pyrimidines. <i>Molecular Physics</i> , 2009 , 107, 2025-2037	1.7	17
209	Observation of and inner-shell doubly excited states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996 , 29, L737-L744	1.3	17
208	A high-resolution study of the threshold photoelectron spectrum of helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998 , 31, 2225-2238	1.3	17
207	Fragmentation of pure and hydrated clusters of 5Br-uracil by low energy carbon ions: observation of hydrated fragments. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 19807-19814	3.6	16
206	L1L2,3M Coster-Kronig transitions in argon. <i>Physical Review A</i> , 1999 , 59, 4071-4074	2.6	16
205	Si(Li) Detector efficiency below 10 keV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1984 , 5, 534-544	1.2	16
204	High-resolution threshold photoelectron measurements of the Ne+ $2p4n$ satellite states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002 , 35, 2927-2948	1.3	15
203	A study of the doubly charged states of Xe and their satellites by threshold photoelectron-threshold photoelectron coincidence (TPEsCO) spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000 , 33, 4723-4734	1.3	15
202	Angular distribution and circular dichroism in the two-colour XUV+NIR above-threshold ionization of helium. <i>Journal of Modern Optics</i> , 2016 , 63, 367-382	1.1	14
201	Signature of two-electron interference in angular resolved double photoionization of Mg. <i>Physical Review Letters</i> , 2013 , 110, 083001	7.4	14
200	A joint theoretical and experimental study on diiodomethane: Ions and neutrals in the gas phase. <i>Journal of Chemical Physics</i> , 2015 , 143, 244312	3.9	14
199	Interference effects in the Ne double photoionization studied by photoelectron-Auger-electron coincidence experiments. <i>Physical Review A</i> , 2000 , 61,	2.6	14
198	Electron pair escape from fullerene cage via collective modes. <i>Scientific Reports</i> , 2016 , 6, 24396	4.9	13
197	Valence shell photoelectron spectroscopy of pyrene and fluorene: photon energy dependence in the far-ultraviolet region. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 3128-35	2.8	13
196	Inner shell excitation, ionization and fragmentation of pyrimidine. <i>Journal of Physics: Conference Series</i> , 2010 , 212, 012002	0.3	13
195	State and site selectivity in SF6 fragmentation studied via Auger electron-ion coincidence. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998 , 87, 169-176	1.7	13

194	Observation of the spin-orbit activated interchannel coupling in the 3d photoionization of caesium atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006 , 39, 765-771	1.3	13
193	Triple coincidence experiments to study the fragmentation of core ionized molecules by electron impact. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002 , 123, 277-286	1.7	13
192	An apparatus to investigate the fragmentation of molecular dications by electron impact. <i>Review of Scientific Instruments</i> , 2005 , 76, 073101	1.7	13
191	Correlation effects in Auger cascade studied by angle resolved coincidence electron spectroscopy: the 1s-3p excitation in neon. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2001 , 114-116, 199-207	1.7	13
190	Signature of the target two-electron momentum space wavefunction in the (e, 3e) angular distributions from the double ionization of helium and argon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002 , 35, L215-L221	1.3	13
189	Observation of Angle Dependent Postcollision Interaction in the Electron Impact Ionization of Xe 4d5/2. <i>Physical Review Letters</i> , 1995 , 75, 1915-1918	7.4	13
188	Characterisation of a new batch of ion implanted Bi in silicon specimens for use as primary reference surface standards. <i>Nuclear Instruments & Methods in Physics Research</i> , 1983 , 218, 91-96		13
187	Photoelectron angular distributions from polarized Ne* atoms near threshold. <i>Physical Review A</i> , 2010 , 82,	2.6	12
186	Theoretical and experimental investigation of the triple-differential cross sections for electron-impact ionization of Kr(4p) and Xe(5p) at 1-keV impact energy. <i>Physical Review A</i> , 1997 , 56, 4644-4655 ¹²	2.6	12
185	Observation of doubly excited states in the N2+2sigma-1 partial ionization cross section measured by (e, 2e) experiments. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000 , 33, 1507-1519	1.3	12
184	Symmetric (e,2e) experiments at 300 and 500 keV on Cu, Ag and AuK-shell and impulsive models. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994 , 16, 1-14		12
183	Ar 3s satellite spectrum studied by asymmetric (e,2e) experiments. <i>Physical Review A</i> , 1989 , 40, 4282-4287		12
182	Distorted-wave Born approximation for asymmetric ionisation of argon by electron impact. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989 , 22, 3079-3082	1.3	12
181	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> , 2017 , 23, 6772-6780	4.8	11
180	Study of complex molecules of biological interest with synchrotron radiation. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015 , 204, 335-344	1.7	11
179	Photo-double-ionization of the nitrogen molecule. <i>Physical Review A</i> , 2014 , 89,	2.6	11
178	Photofragmentation spectra of halogenated methanes in the VUV photon energy range. <i>Journal of Chemical Physics</i> , 2014 , 140, 184307	3.9	11
177	Near-threshold photoelectron angular distributions from two-photon resonant photoionization of He. <i>New Journal of Physics</i> , 2013 , 15, 013023	2.9	11

176	Deviations between experimental and theoretical results in Ar (e, 3e) double ionization. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003 , 36, L17-L24	1.3	11
175	Study of electronic correlations in the Auger cascade decay from Ne*1s ² 3p. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005 , 38, 3619-3630	1.3	11
174	Electron impact ionisation of argon at intermediate energy and momentum transfer: an (e,2e) investigation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989 , 22, 3305-3314	1.3	11
173	A study of satellite Auger decay from inner-shell states of CO, excited close to threshold. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1988 , 21, 4015-4020	1.3	11
172	L-shell X-ray production cross sections of ⁵⁵ Cs, ⁵⁶ Ba, ⁵⁷ La and ⁶⁴ Gd for protons of energy 1-2 MeV. <i>Journal of Physics B: Atomic and Molecular Physics</i> , 1984 , 17, 2851-2857		11
171	A velocity map imaging apparatus for gas phase studies at FERMI@Elettra. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012 , 284, 69-73	1.2	10
170	Vibrationally resolved photoionization of N ₂ near threshold. <i>Journal of Chemical Physics</i> , 2012 , 136, 104307	3.07	10
169	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	1.3	10
168	Dichroism in core-excited and core-ionized methyloxirane. <i>Physica Scripta</i> , 2008 , 78, 058120	2.6	10
167	The partial C 1s Auger spectrum of CO obtained by photoelectron Auger electron coincidence experiments. <i>Chemical Physics Letters</i> , 2008 , 464, 21-25	2.5	10
166	Photo-double ionization of argon at 20 and 40 eV excess energy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004 , 37, 2285-2302	1.3	10
165	Auger hypersatellites in Ne atoms induced by electron impact. <i>Physical Review A</i> , 1994 , 49, 1480-1483	2.6	10
164	Absolute triple differential cross sections for helium at 300 eV. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1992 , 23, 341-345		10
163	Ultrafast Hydrogen Migration in Photoionized Glycine. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 6012-6016	6.4	10
162	Competition between electron-donor and electron-acceptor substituents in nitrotoluene isomers: a photoelectron spectroscopy and ab initio investigation. <i>RSC Advances</i> , 2014 , 4, 5272	3.7	9
161	Photofragmentation of organic molecules of biological interest: The pyrimidine and 2Br ⁺ pyrimidine cases. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012 , 279, 118-123	1.2	9
160	A study of selected fragmentation paths of the ethyne dication: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 19607-14	3.6	9
159	Multimode resonant Auger scattering from the ethene molecule. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 5103-12	3.4	9

158	The OCS S L3MM auger spectrum and angular distributions studied by photoelectron-auger electron coincidence experiments. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 15136-41	2.8	9
157	Experimental observation of initial-state effects in photo-double-ionization of Ne 2s. <i>Physical Review A</i> , 2004 , 70,	2.6	9
156	Threshold photoelectron spectroscopy of benzene up to 26.5 eV. <i>Canadian Journal of Chemistry</i> , 2004 , 82, 1061-1066	0.9	9
155	Double ionization of He by electron impact at large momentum transfer. <i>Physical Review A</i> , 2003 , 67,	2.6	9
154	Coherence of nondegenerate states studied by auger electron-photoelectron coincidence experiments in Kr. <i>Physical Review Letters</i> , 2003 , 91, 173001	7.4	9
153	Photoabsorption and resonant photoemission in the region of Ne 1s double excitations. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 43-46	1.7	9
152	Core-hole line widths and the resolution of soft x-ray monochromators. <i>Synchrotron Radiation News</i> , 1999 , 12, 27-30	0.6	9
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