Marcello Coreno

List of Publications by Year
in descending order

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333	6,764	53660	106150
papers	citations	45 h-index	65 g-index

338	338	338	5366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The high resolution Gas Phase Photoemission beamline, Elettra. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 959-964.	0.8	201
2	Coherent control with a short-wavelength free-electron laser. Nature Photonics, 2016, 10, 176-179.	15.6	197
3	The gas-phase photoemission beamline at Elettra. Journal of Synchrotron Radiation, 1998, 5, 565-568.	1.0	165
4	A theoretical and experimental study of the near edge X-ray absorption fine structure (NEXAFS) and X-ray photoelectron spectra (XPS) of nucleobases: Thymine and adenine. Chemical Physics, 2008, 347, 360-375.	0.9	142
5	A critical comparison of selected 1s and 2p core hole widths. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 141-147.	0.8	117
6	Tautomerism in Cytosine and Uracil: An Experimental and Theoretical Core Level Spectroscopic Study. Journal of Physical Chemistry A, 2009, 113, 5736-5742.	1.1	113
7	Investigation of the Amino Acids Glycine, Proline, and Methionine by Photoemission Spectroscopy. Journal of Physical Chemistry A, 2007, 111, 10998-11005.	1.1	109
8	Measurement andab initiocalculation of the Ne photoabsorption spectrum in the region of theKedge. Physical Review A, 1999, 59, 2494-2497.	1.0	106
9	Coherent soft X-ray pulses from an echo-enabled harmonic generation free-electron laser. Nature Photonics, 2019, 13, 555-561.	15.6	92
10	Vibrational structure of core to Rydberg state excitations of carbon dioxide and dinitrogen oxide. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 2551-2567.	0.6	91
11	Tunability experiments at the FERMI@Elettra free-electron laser. New Journal of Physics, 2012, 14, 113009.	1.2	81
12	Vibrationally resolved oxygen Kâ†'Îâ^— spectra of O2 and CO. Chemical Physics Letters, 1999, 306, 269-274.	1.2	80
13	Near Edge X-ray Absorption Spectra of Some Small Polyatomic Molecules. Journal of Physical Chemistry A, 2003, 107, 1955-1963.	1.1	80
14	Core Level Study of Alanine and Threonine. Journal of Physical Chemistry A, 2008, 112, 7806-7815.	1.1	80
15	Electronic structure of aromatic amino acids studied by soft x-ray spectroscopy. Journal of Chemical Physics, 2009, 131, 035103.	1.2	80
16	Control of the Polarization of a Vacuum-Ultraviolet, High-Gain, Free-Electron Laser. Physical Review X, 2014, 4, .	2.8	80
17	A modular end-station for atomic, molecular, and cluster science at the low density matter beamline of FERMI@Elettra. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164007.	0.6	78
18	Tautomerism in Cytosine and Uracil: A Theoretical and Experimental X-ray Absorption and Resonant Auger Study. Journal of Physical Chemistry A, 2010, 114, 10270-10276.	1.1	77

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19	Influence of the Radiative Decay on the Cross Section for Double Excitations in Helium. Physical Review Letters, 1999, 83, 947-950.	2.9	75
20	Acetylacetone photodynamics at a seeded free-electron laser. Nature Communications, 2018, 9, 63.	5.8	72
21	Novel Collective Autoionization Process Observed in Electron Spectra of He Clusters. Physical Review Letters, 2014, 112, 073401.	2.9	70
22	Determining the polarization state of an extreme ultraviolet free-electron laser beam using atomic circular dichroism. Nature Communications, 2014, 5, 3648.	5.8	69
23	An Experimental and Theoretical Core-Level Study of Tautomerism in Guanine. Journal of Physical Chemistry A, 2009, 113, 9376-9385.	1.1	64
24	Soft X-Ray Second Harmonic Generation as an Interfacial Probe. Physical Review Letters, 2018, 120, 023901.	2.9	64
25	An X-ray absorption study of glycine, methionine and proline. Journal of Electron Spectroscopy and Related Phenomena, 2007, 155, 47-53.	0.8	62
26	The C 1s and N 1s near edge x-ray absorption fine structure spectra of five azabenzenes in the gas phase. Journal of Chemical Physics, 2008, 128, 044316.	1.2	59
27	A photoelectron velocity map imaging spectrometer for experiments combining synchrotron and laser radiations. Review of Scientific Instruments, 2011, 82, 033109.	0.6	59
28	The intermolecular vibrations of Arâ€“styrene and Arâ€“4â€fluorostyrene complexes. Journal of Chemical Physics, 1993, 99, 8398-8406.	1.2	58
29	Circular Dichroism in Multiphoton Ionization of Resonantly Excited<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>He</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></ Physical Review Letters, 2017, 118, 013002.	2.9	58
30	Photoemission and the shape of amino acids. Chemical Physics Letters, 2007, 442, 429-433.	1.2	56
31	Generation of Ultrashort Coherent Vacuum Ultraviolet Pulses Using Electron Storage Rings: A New Bright Light Source for Experiments. Physical Review Letters, 2008, 101, 053902.	2.9	55
32	Photofragmentation of guanine, cytosine, leucine and methionine. Chemical Physics, 2007, 334, 53-63.	0.9	54
33	Collective Autoionization in Multiply-Excited Systems: A novel ionization process observed in Helium Nanodroplets. Scientific Reports, 2014, 4, 3621.	1.6	54
34	Valence photoionization and photofragmentation of aromatic amino acids. Molecular Physics, 2008, 106, 1143-1153.	0.8	53
35	Valence-band electronic structure of iron phthalocyanine: An experimental and theoretical photoelectron spectroscopy study. Journal of Chemical Physics, 2011, 134, 074312.	1.2	53
36	Photoemission and Photoabsorption Spectroscopy of Glycyl-Glycine in the Gas Phase. Journal of Physical Chemistry A, 2009, 113, 10726-10733.	1.1	51

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37	Interpretation of the vacuum ultraviolet photoabsorption spectrum of iodobenzene by ab initio computations. Journal of Chemical Physics, 2015, 142, 134302.	1.2	51
38	Electronic state resolved PEPICO spectroscopy of pyrimidine. Physica Scripta, 2008, 78, 058105.	1.2	49
39	Three-Dimensional Shapes of Spinning Helium Nanodroplets. Physical Review Letters, 2018, 121, 255301.	2.9	49
40	Charge Transfer and Penning Ionization of Dopants in or on Helium Nanodroplets Exposed to EUV Radiation. Journal of Physical Chemistry A, 2013, 117, 4394-4403.	1.1	48
41	Extreme ultraviolet ionization of pure He nanodroplets: Mass-correlated photoelectron imaging, Penning ionization, and electron energy-loss spectra. Journal of Chemical Physics, 2013, 139, 084301.	1.2	47
42	Vibrationally resolved high-resolution NEXAFS and XPS spectra of phenanthrene and coronene. Journal of Chemical Physics, 2014, 141, 044313.	1.2	47
43	Pulse Duration of Seeded Free-Electron Lasers. Physical Review X, 2017, 7, .	2.8	47
44	The Low Density Matter (LDM) beamline at FERMI: optical layout and first commissioning. Journal of Synchrotron Radiation, 2015, 22, 538-543.	1.0	46
45	EuPRAXIA@SPARC_LAB Design study towards a compact FEL facility at LNF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 134-138.	0.7	46
46	Elucidating the 3d Electronic Configuration in Manganese Phthalocyanine. Journal of Physical Chemistry A, 2014, 118, 927-932.	1.1	43
47	Chirped pulse amplification in an extreme-ultraviolet free-electron laser. Nature Communications, 2016, 7, 13688.	5.8	43
48	The Role of the Partner Atom and Resonant Excitation Energy in Interatomic Coulombic Decay in Rare Gas Dimers. Journal of Physical Chemistry Letters, 2013, 4, 1797-1801.	2.1	41
49	CITIUS: An infrared-extreme ultraviolet light source for fundamental and applied ultrafast science. Review of Scientific Instruments, 2014, 85, 023104.	0.6	40
50	Photoelectric effect with a twist. Nature Photonics, 2020, 14, 554-558.	15.6	39
51	Pyrimidine and halogenated pyrimidines near edge x-ray absorption fine structure spectra at C and N K-edges: experiment and theory. Journal of Chemical Physics, 2010, 133, 034302.	1.2	38
52	Complementary TDCS for the photo-double ionization of He at 40 eV above the threshold in unequal energy-sharing conditions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3193-3203.	0.6	37
53	Quantitative evaluation of sp/sp2 hybridization ratio in cluster-assembled carbon films by in situ near edge X-ray absorption fine structure spectroscopy. Carbon, 2006, 44, 1518-1524.	5.4	37
54	Investigation of Halogenated Pyrimidines by X-ray Photoemission Spectroscopy and Theoretical DFT Methods. Journal of Physical Chemistry A, 2009, 113, 13593-13600.	1.1	36

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55	Tautomerism in 4-Hydroxypyrimidine, S-Methyl-2-thiouracil, and 2-Thiouracil. Journal of Physical Chemistry A, 2010, 114, 12725-12730.	1.1	36
56	Enhanced Ionization of Embedded Clusters by Electron-Transfer-Mediated Decay in Helium Nanodroplets. Physical Review Letters, 2016, 116, 203001.	2.9	36
57	Theoretical and Experimental Study of Valence-Shell Ionization Spectra of Guanine. Journal of Physical Chemistry A, 2009, 113, 15142-15149.	1.1	34
58	Ultrafast relaxation of photoexcited superfluid He nanodroplets. Nature Communications, 2020, 11, 112.	5.8	34
59	Observation and Characterization of the Fluorescence Decay of the2s2p6np1PoExcited States of Ne. Physical Review Letters, 2000, 84, 431-434.	2.9	33
60	VUV photoionisation of free azabenzenes: Pyridine, pyrazine, pyrimidine, pyridazine and s-triazine. International Journal of Mass Spectrometry, 2008, 275, 55-63.	0.7	33
61	Photodouble ionization beyond the helium case. Journal of Electron Spectroscopy and Related Phenomena, 2004, 141, 105-119.	0.8	32
62	Laboratory Studies of Molecular Growth in the Titan Ionosphere. Journal of Physical Chemistry A, 2009, 113, 11211-11220.	1.1	32
63	Tailoring SAM-on-SAM Formation. Journal of Physical Chemistry Letters, 2011, 2, 3124-3129.	2.1	32
64	Time-Resolved Measurement of Interatomic Coulombic Decay Induced by Two-Photon Double Excitation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ne</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mr Physical Review Letters, 2017, 118, 033202.	2.9	32
65	Inner shell excitation spectroscopy of the tetrahedral molecules CX4(X = H, F, Cl). Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 61-75.	0.6	31
66	Core level spectroscopy of free titanium clusters in supersonic beams. New Journal of Physics, 2006, 8, 136-136.	1.2	31
67	High Resolution Multiphoton Spectroscopy by a Tunable Free-Electron-Laser Light. Physical Review Letters, 2014, 113, 193201.	2.9	31
68	Photofragmentation of 2-Deoxy-D-Ribose Molecules in the Gas Phase. ChemPhysChem, 2008, 9, 1020-1029.	1.0	30
69	X-ray Absorption Spectroscopy of VOCl3, CrO2Cl2, and MnO3Cl: An Experimental and Theoretical Study. Journal of Physical Chemistry A, 2009, 113, 2914-2925.	1.1	30
70	Photoionization study of Kr⁺and Xe⁺ions with the combined use of a merged-beam set-up and an ion trap. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 055205.	0.6	30
71	Coherent Light with Tunable Polarization from Single-Pass Free-Electron Lasers. Physical Review Letters, 2011, 107, 084801.	2.9	30
72	Photoionization Cross Section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Xe</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math>Ion in the Pure<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>5</mml:mn><mml:msup><mml:mi>p</mml:mi><mml:mn>5</mml:mn></mml:msup></mml:math><mml:ma xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>P</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>/</mml:mo><mml:.	2.9	29

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73	Amine Functionalization of Gold Surfaces: Ultra High Vacuum Deposition of Cysteamine on Au(111). Journal of Physical Chemistry C, 2010, 114, 15011-15014.	1.5	29
74	X-ray Spectroscopy of Heterocyclic Biochemicals: Xanthine, Hypoxanthine, and Caffeine. Journal of Physical Chemistry A, 2012, 116, 5653-5664.	1.1	29
75	Testing spin-flip scattering as a possible mechanism of ultrafast demagnetization in ordered magnetic alloys. Physical Review B, 2014, 90, .	1.1	29
76	Experimental Determination of the Lifetime for the2p3d(P01)Helium Doubly Excited State. Physical Review Letters, 2003, 90, 153004.	2.9	28
77	R2PI detection and spectroscopy of van der Waals complexes of 4-fluorostyrene with rare gases. Chemical Physics Letters, 1995, 236, 580-586.	1.2	27
78	Photoelectron spectroscopy of sequential three-photon double ionization of Ar irradiated by EUV free-electron laser pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 111001.	0.6	27
79	Rotational and Core Level Spectroscopies As Complementary Techniques in Tautomeric/Conformational Studies: The Case of 2-Mercaptopyridine. Journal of the American Chemical Society, 2010, 132, 10269-10271.	6.6	27
80	Double-configuration grating monochromator for extreme-ultraviolet ultrafast pulses. Applied Optics, 2014, 53, 5879.	0.9	27
81	Pulsed laser induced ablation applied to epitaxial growth of semiconductor materials: Selenides and tellurides plume analysis. Surface and Interface Analysis, 1994, 22, 181-185.	0.8	26
82	Magnetization and Microstructure Dynamics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Fe</mml:mi><mml:mo>/</mml:mo><mml:mi>MnAs</mml:mi><mml:mo>/</mml:mo><mml:mi> stretchy="false">(</mml:mo><mml:mn>001</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 372 Td (stretchy="false">)</mn	2.9	26
83	Laser Pulse. Physical Review Letters, 2014, 113, 247202. Double photoionization of He at 80 eV excess energy in the equal-energy-sharing condition. Physical Review A, 2002, 65, .	1.0	25
84	Fluorescence Emission of Excited Hydrogen Atoms after Core Excitation of Water Vapor. Physical Review Letters, 2006, 96, 063003.	2.9	25
85	Dissociative double photoionization of N2 using synchrotron radiation: Appearance energy of the N2+ dication. Journal of Chemical Physics, 2007, 126, 134310.	1.2	25
86	Characterisation of the electronic structure of some stable nitroxyl radicals using variable energy photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2014, 16, 10734-10742.	1.3	25
87	Photoion mass spectroscopy and valence photoionization of hypoxanthine, xanthine and caffeine. Chemical Physics, 2009, 358, 33-38.	0.9	24
88	The electronic structure of gas phase croconic acid compared to the condensed phase: More insight into the hydrogen bond interaction. Journal of Chemical Physics, 2013, 138, 014308.	1.2	24
89	The electronic characterization of biphenyleneâ€"Experimental and theoretical insights from core and valence level spectroscopy. Journal of Chemical Physics, 2015, 142, 074305.	1.2	24
90	Slow Interatomic Coulombic Decay of Multiply Excited Neon Clusters. Physical Review Letters, 2016, 117, 276806.	2.9	24

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91	Spectroscopy of 4-fluorostyrene clusters. Journal of Molecular Structure, 1993, 293, 197-200.	1.8	22
92	sp hybridization in free carbon nanoparticlesâ€"presence and stability observed by near edge X-ray absorption fine structure spectroscopy. Chemical Communications, 2011, 47, 2952.	2.2	22
93	Detection of thePe1Series of Doubly Excited Helium States belowN=2via the Stark Effect. Physical Review Letters, 2006, 96, 093001.	2.9	21
94	A mystery solved? Photoelectron spectroscopic and quantum chemical studies of the ion states of CeCp3+. Dalton Transactions, 2009, , 5943.	1.6	21
95	An experimental NEXAFS and computational TDDFT and Î"DFT study of the gas-phase core excitation spectra of nitroxide free radical TEMPO and its analogues. Physical Chemistry Chemical Physics, 2016, 18, 10207-10217.	1.3	21
96	Interplay among work function, electronic structure and stoichiometry in nanostructured VOx films. Physical Chemistry Chemical Physics, 2020, 22, 6282-6290.	1.3	21
97	Isomeric structures, van der Waals frequencies and spectral shifts of cold 4-fluorostyrene-(argon)n clusters (n = 1 to 4). Chemical Physics, 1994, 187, 97-106.	0.9	20
98	Angular distribution in xenonM4,5N4,5N4,5Auger decay. Physical Review A, 1999, 59, 315-319.	1.0	20
99	Detailed observations of photo-accessible triplet doubly excited states in helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 4339-4350.	0.6	20
100	Complete characterization of theAr2p3âˆ•2photoionization via Auger-electronâ€"photoelectron coincidence experiments. Physical Review A, 2004, 70, .	1.0	20
101	Site-selected Auger electron spectroscopy of N2O. Journal of Chemical Physics, 2006, 125, 054306.	1.2	20
102	Formation of CN (B2Î£+) radicals in the vacuum-ultraviolet photodissociation of pyridine and pyrimidine molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 055103.	0.6	20
103	Lone-Pair Delocalization Effects within Electron Donor Molecules: The Case of Triphenylamine and Its Thiophene-Analog. Journal of Physical Chemistry C, 2018, 122, 17706-17717.	1.5	20
104	O1sâ†'Ïƒ*Resonance inO2: Inadequacy of Only Two Exchange-Split Components. Physical Review Letters, 2002, 88, 243002.	2.9	19
105	Effects of nuclear dynamics in the low-kinetic-energy Auger spectra of CO and CO2. Journal of Chemical Physics, 2005, 123, 224306.	1.2	19
106	Self-Induced Harmonic Generation in a Storage-Ring Free-Electron Laser. Physical Review Letters, 2008, 100, 104801.	2.9	19
107	Interpretation of the photoelectron, ultraviolet, and vacuum ultraviolet photoabsorption spectra of bromobenzene by ab initio configuration interaction and DFT computations. Journal of Chemical Physics, 2015, 143, 164303.	1.2	19
108	Conclusively Addressing the CoPc Electronic Structure: A Joint Gas-Phase and Solid-State Photoemission and Absorption Spectroscopy Study. Journal of Physical Chemistry C, 2017, 121, 26372-26378.	1.5	19

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109	Experimental and Theoretical Photoemission Study of Indole and Its Derivatives in the Gas Phase. Journal of Physical Chemistry A, 2020, 124, 4115-4127.	1.1	19
110	Strong Oscillations in Molecular Valence Photoemission Intensities. Physical Review Letters, 2005, 95, 263401.	2.9	18
111	Fluorescence emission following core excitations in the water molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 1101-1112.	0.6	18
112	Photofragmentation of tetrahydrofuran molecules in the vacuum-ultraviolet region via superexcited states studied by fluorescence spectroscopy. Physical Review A, 2011, 83, .	1.0	18
113	The ionic states of iodobenzene studied by photoionization and ab initio configuration interaction and DFT computations. Journal of Chemical Physics, 2015, 142, 134301.	1.2	18
114	Nanoscale Phase Separation and Lattice Complexity in VO2: The Metalâ€“Insulator Transition Investigated by XANES via Auger Electron Yield at the Vanadium L23-Edge and Resonant Photoemission. Condensed Matter, 2017, 2, 38.	0.8	18
115	A high-resolution study of the threshold photoelectron spectrum of helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 2225-2238.	0.6	17
116	High-resolution spectroscopy of 4-fluorostyrene-rare gas van der Waals complexes: Results and comparison with theoretical calculations. Journal of Chemical Physics, 1998, 108, 1836-1850.	1.2	17
117	L1â^'L2,3MCoster-Kronig transitions in argon. Physical Review A, 1999, 59, 4071-4074.	1.0	17
118	Branching ratios in the radiative decay of helium doubly excited states. Physical Review A, 2005, 72, .	1.0	17
119	Electronic Structure of M(BH4)4, M = Zr, Hf, and U, by Variable Photon-Energy Photoelectron Spectroscopy and Density Functional Calculations. Inorganic Chemistry, 2005, 44, 7781-7793.	1.9	17
120	Experimental Characterization of Nonlinear Harmonic Generation in Planar and Helical Undulators. Physical Review Letters, 2008, 100, 174801.	2.9	17
121	Vibrationally resolved NEXAFS at C and N K-edges of pyridine, 2-fluoropyridine and 2,6-difluoropyridine: A combined experimental and theoretical assessment. Journal of Chemical Physics, 2015, 143, 204102.	1.2	17
122	Spectroscopic Fingerprints of Intermolecular Hâ€Bonding Interactions in Carbon Nitride Model Compounds. Chemistry - A European Journal, 2018, 24, 14198-14206.	1.7	17
123	High-resolution threshold photoelectron measurements of the Ne+$nbsp$2p4nell satellite states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 2927-2948.	0.6	16
124	Photoelectron spectroscopy of Ce(Î·-C5H5)3 â€“ Accessing two ion states on 4f ionization. Chemical Physics Letters, 2006, 432, 17-21.	1.2	16
125	Superexcited states in the vacuum-ultraviolet photofragmentation of isoxazole molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 205103.	0.6	16
126	Fast synchrotron and FEL beam monitors based on single-crystal diamond detectors and InGaAs/InAlAs quantum well devices. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 730, 164-167.	0.7	16

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127	Ultrafast Charge Transfer Pathways Through A Prototype Amino-Carboxylic Molecular Junction. Nano Letters, 2016, 16, 1955-1959.	4.5	16
128	Electronic structure investigation of biphenylene films. Journal of Chemical Physics, 2017, 146, 054705.	1.2	16
129	Real-Time Dynamics of the Formation of Hydrated Electrons upon Irradiation of Water Clusters with Extreme Ultraviolet Light. Physical Review Letters, 2019, 122, 133001.	2.9	16
130	Angular distribution in resonant Auger spectra of xenon excited below the3d5/2ionization threshold. Physical Review A, 2001, 63, .	1.0	15
131	Observation of core-hole double excitations in water using fluorescence spectroscopy. Physical Review A, 2007, 75, .	1.0	15
132	Inner shell excitation, ionization and fragmentation of pyrimidine. Journal of Physics: Conference Series, 2010, 212, 012002.	0.3	15
133	Intermolecular Hydrogen Bonding and Molecular Orbital Distortion in 4-Hydroxycyanobenzene Investigated by X-ray Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 121-129.	1.5	15
134	Combined theoretical and experimental study of the valence, Rydberg and ionic states of fluorobenzene. Journal of Chemical Physics, 2016, 144, 204305.	1.2	15
135	The ground and ionic states of cyclohepta-1,3,5-triene and their relationship to norcaradiene states: New 1H and 13C NMR spectra and analysis of a new experimental photoelectron spectrum by ab initio methods. Journal of Chemical Physics, 2020, 152, 144301.	1.2	15
136	Autoionization dynamics of helium nanodroplets resonantly excited by intense XUV laser pulses. New Journal of Physics, 2020, 22, 083043.	1.2	15
137	X-RAY ABSORPTION SPECTRA OF SOME SMALL POLYATOMIC MOLECULES. Surface Review and Letters, 2002, 09, 159-164.	0.5	14
138	A new system for photon induced fluorescence spectroscopy applied to the study of doubly excited states of helium. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 39-42.	0.8	14
139	Observation of the spinâ€“orbit activated interchannel coupling in the 3d photoionization of caesium atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 765-771.	0.6	14
140	Hydrogen migration in formation of NH(A3Î) radicals via superexcited states in photodissociation of isoxazole molecules. Journal of Chemical Physics, 2014, 141, 064301.	1.2	14
141	Angular distribution and circular dichroism in the two-colour XUV+NIR above-threshold ionization of helium. Journal of Modern Optics, 2016, 63, 367-382.	0.6	14
142	Ultra-Fast-VUV Photoemission Study of UV Excited 2-Nitrophenol. Journal of Physical Chemistry A, 2019, 123, 1295-1302.	1.1	14
143	Angstrom-Resolved Interfacial Structure in Buried Organic-Inorganic Junctions. Physical Review Letters, 2021, 127, 096801.	2.9	14
144	Resonant two-photon ionization of van der Waals adducts of 4-fluorostyrene with monomethylamine and monoethylamine: intracluster chemical reactions. Chemical Physics Letters, 1995, 247, 577-583.	1.2	13

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145	Optical layout of a beamline for photoemission microscopy. Journal of Synchrotron Radiation, 1999, 6, 957-963.	1.0	13
146	Correlation effects in Auger cascade studied by angle resolved coincidence electron spectroscopy: the 1sâ†'3p excitation in neon. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 199-207.	0.8	13
147	Angular distribution of the fluorescence of helium doubly photo-excited states converging on the He+(N= 2) ionization threshold. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 4351-4359.	0.6	13
148	Fluorescence study of doubly excited states of molecular hydrogen. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 205-213.	0.6	13
149	Fluorescence emission from photo-fragments after resonant S 2p excitations in H2S. Physical Chemistry Chemical Physics, 2007, 9, 389-395.	1.3	13
150	Variable Photon Energy Photoelectron Spectroscopy and Magnetism of YbCp₃ and LuCp₃. Organometallics, 2010, 29, 4752-4755.	1.1	13
151	The study of the electronic structure of some N-heterocyclic carbenes (NHCs) by variable energy photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 10656-10667.	1.3	13
152	Quantum Effects for a Proton in a Low-Barrier, Double-Well Potential: Core Level Photoemission Spectroscopy of Acetylacetone. Journal of Physical Chemistry Letters, 2018, 9, 521-526.	2.1	13
153	Reduction of Ketones by Sodium Borohydride in the Presence of Cationic Surfactants. Journal of Colloid and Interface Science, 1993, 158, 33-39.	5.0	12
154	Probing the chemical reactivity of free titanium clusters by x-ray absorption spectroscopy. Applied Physics A: Materials Science and Processing, 2008, 92, 463-471.	1.1	12
155	Spectrometer for X-ray emission experiments at FERMI free-electron-laser. Review of Scientific Instruments, 2014, 85, 103112.	0.6	12
156	Study of the electronic structure of short chain oligothiophenes. Journal of Chemical Physics, 2017, 146, 054303.	1.2	12
157	The ionic states of cyclooctatetraene: Analysis of a new experimental photoelectron spectrum by ab initio and density functional methods. Journal of Chemical Physics, 2019, 150, 194305.	1.2	12
158	The Potential of EuPRAXIA@SPARC_LAB for Radiation Based Techniques. Condensed Matter, 2019, 4, 30.	0.8	12
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