Robert Richter

List of Publications by Year
in descending order

221	4,854	81743	133063
papers	citations	39 h-index	59 g-index

221	221	221	3154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fragmentation dynamics of doubly charged camphor molecule following C 1s Auger decay. Physical Chemistry Chemical Physics, 2022, 24, 2944-2957.	1.3	2
2	Electron and ion spectroscopy of the cyclo-alanineâ€“alanine dipeptide. Physical Chemistry Chemical Physics, 2022, 24, 5855-5867.	1.3	4
3	Photoemission and photofragmentation of butanoic, hexanoic and octanoic acids in the gas phase. Journal of Electron Spectroscopy and Related Phenomena, 2022, 256, 147172.	0.8	1
4	Comprehensive survey of dissociative photoionization of quinoline by PEPICO experiments. Journal of Chemical Physics, 2022, 156, .	1.2	6
5	A general approach to study molecular fragmentation and energy redistribution after an ionizing event. Physical Chemistry Chemical Physics, 2021, 23, 1859-1867.	1.3	9
6	Soft X-ray Induced Production of Neutral Fragments in High-Rydberg States at the O 1s Ionization Threshold of the Water Molecule. Journal of Physical Chemistry A, 2021, 125, 713-720.	1.1	3
7	Photoelectron Spectroscopy of Coronene Molecules Embedded in Helium Nanodroplets. Journal of Low Temperature Physics, 2021, 202, 444-455.	0.6	4
8	Revealing the electronic properties of the Bâ€“B bond: the bis-catecholato diboron molecule. Physical Chemistry Chemical Physics, 2021, 23, 23517-23525.	1.3	2
9	Carbon and Nitrogen K-Edge NEXAFS Spectra of Indole, 2,3-Dihydro-7-azaindole, and 3-Formylindole. Journal of Physical Chemistry A, 2021, 125, 4160-4172.	1.1	4
10	Competitive Dehydrogenation and Backbone Fragmentation of Superhydrogenated PAHs: A Laboratory Study. Astrophysical Journal, 2021, 913, 46.	1.6	7
11	â€œSmart Decompositionâ€•of Cyclic Alanine-Alanine Dipeptide by VUV Radiation: A Seed for the Synthesis of Biologically Relevant Species. Journal of Physical Chemistry Letters, 2021, 12, 7379-7386.	2.1	11
12	A combined experimental and theoretical study of the lowest-lying valence, Rydberg and ionic electronic states of 2,4,6-trichloroanisole. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 271, 107751.	1.1	0
13	Coincident angle-resolved state-selective photoelectron spectroscopy of acetylene molecules: a candidate system for time-resolved dynamics. Faraday Discussions, 2021, 228, 242-265.	1.6	2
14	Positional and Conformational Isomerism in Hydroxybenzoic Acid: A Core-Level Study and Comparison with Phenol and Benzoic Acid. Journal of Physical Chemistry A, 2021, 125, 9877-9891.	1.1	6
15	A systematic study of the valence electronic structure of cyclo(Glyâ€“Phe), cyclo(Trpâ€“Tyr) and cyclo(Trpâ€“Trp) dipeptides in the gas phase. Physical Chemistry Chemical Physics, 2021, 23, 26793-26805.	1.3	4
16	Ultrafast relaxation of photoexcited superfluid He nanodroplets. Nature Communications, 2020, 11, 112.	5.8	34
17	Vacuum ultraviolet photoionization and ionic fragmentation of the isoxazole molecules. International Journal of Mass Spectrometry, 2020, 449, 116276.	0.7	7
18	Negativeâ€ion/positiveâ€ion coincidence spectroscopy as a tool to identify anionic fragments: The case of coreâ€excited CHF₃. Journal of Mass Spectrometry, 2020, 55, e4487.	0.7	0

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19	Resonant Auger electron-ion-coincidence spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> -methyltrifluoroacetamide: Site-specific fragmentation studies. Physical Review A, 2020, 102, .	1.0	7
20	Photoionization Dynamics of the Tetraoxo Complexes OsO₄ and RuO₄. Inorganic Chemistry, 2020, 59, 7274-7282.	1.9	2
21	Electron transfer mediated decay of alkali dimers attached to He nanodroplets. Physical Chemistry Chemical Physics, 2020, 22, 8557-8564.	1.3	14
22	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
23	Penning spectroscopy and structure of acetylene oligomers in He nanodroplets. Physical Chemistry Chemical Physics, 2020, 22, 10149-10157.	1.3	12
24	Experimental and Theoretical Soft X-ray Study of Nicotine and Related Compounds. Journal of Physical Chemistry A, 2020, 124, 4025-4035.	1.1	6
25	Direct inner-shell photoionization of Xe atoms embedded in helium nanodroplets. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 204001.	0.6	5
26	Inner shell photofragmentation of 2Cl-pyrimidine studied by mass spectrometry and electronâ€“ion coincidence experiments. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244004.	0.6	3
27	Autoionization dynamics of helium nanodroplets resonantly excited by intense XUV laser pulses. New Journal of Physics, 2020, 22, 083043.	1.2	15
28	New Method for Measuring Angle-Resolved Phases in Photoemission. Physical Review X, 2020, 10, .	2.8	23
29	The Fragmentation Dynamics of Simple Organic Molecules of Astrochemical Interest Interacting with VUV Photons. ACS Earth and Space Chemistry, 2019, 3, 1862-1872.	1.2	3
30	Charge Exchange Dominates Long-Range Interatomic Coulombic Decay of Excited Metal-Doped Helium Nanodroplets. Journal of Physical Chemistry Letters, 2019, 10, 6904-6909.	2.1	23
31	Angular Distribution of Ion Products in the Double Photoionization of Propylene Oxide. Frontiers in Chemistry, 2019, 7, 621.	1.8	6
32	Radiation Damage Mechanisms of Chemotherapeutically Active Nitroimidazole Derived Compounds. Frontiers in Chemistry, 2019, 7, 329.	1.8	10
33	Inelastic scattering of photoelectrons from He nanodroplets. Journal of Chemical Physics, 2019, 150, 044304.	1.2	8
34	Core Shell Investigation of 2-nitroimidazole. Frontiers in Chemistry, 2019, 7, 151.	1.8	8
35	Highly efficient double ionization of mixed alkali dimers by intermolecular Coulombic decay. Nature Physics, 2019, 15, 247-250.	6.5	43
36	Intriguing Single Photon Induced Processes in Helium Nanodroplets. Springer Proceedings in Physics, 2019, , 121-129.	0.1	0

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37	Photoionization of Acetylene Doped in Helium Nanodroplets by EUV Synchrotron Radiation. Springer Proceedings in Physics, 2019, , 230-238.	0.1	0
38	Insights into 2- and 4(5)-Nitroimidazole Decomposition into Relevant Ions and Molecules Induced by VUV Ionization. Journal of Physical Chemistry A, 2018, 122, 4031-4041.	1.1	27
39	Penning Ionization of Acene Molecules by Helium Nanodroplets. Journal of Physical Chemistry A, 2018, 122, 1855-1860.	1.1	19
40	Anisotropic forces and molecular dynamics. Rendiconti Lincei, 2018, 29, 179-189.	1.0	1
41	Fragmentation of Methanol Molecules after Core Excitation and Core Ionization Studied by Negative-Ion/Positive-Ion Coincidence Experiments. Journal of Physical Chemistry A, 2018, 122, 224-233.	1.1	2
42	Acetylacetone photodynamics at a seeded free-electron laser. Nature Communications, 2018, 9, 63.	5.8	72
43	Double photoionization of propylene oxide: A coincidence study of the ejection of a pair of valence-shell electrons. Journal of Chemical Physics, 2018, 148, 114302.	1.2	13
44	Investigating core-excited states of nitrosyl chloride (ClNO) and their break-up dynamics following Auger decay. Journal of Chemical Physics, 2018, 149, 164305.	1.2	5
45	Selective negative-ion formation from core-valence doubly excited states of the water molecule. Physical Review A, 2018, 98, .	1.0	0
46	Control of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Dissociative Ionization in the Nonlinear Regime Using Vacuum Ultraviolet Free-Electron Laser Pulses. Physical Review Letters, 2018, 121, 103002.	2.9	10
47	Dissociation kinetics of excited ions: PEPICO measurements of Os3(CO)12 â€" The 7-35 eV single ionization binding energy region. Journal of Chemical Physics, 2018, 148, 084301.	1.2	1
48	Insights into the dissociative ionization of glycine by PEPICO experiments. Physical Chemistry Chemical Physics, 2018, 20, 22841-22848.	1.3	13
49	Double Photoionization of Simple Molecules of Astrochemical Interest. Lecture Notes in Computer Science, 2018, , 746-762.	1.0	2
50	Single Photon Thermal Ionization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">C</mml:mi></mml:mrow><mml:mrow><mml:mn>60</mml:mn></mml:mrow></mml:msub></mml:mrow></mml Physical Review Letters, 2017, 118, 103001.	2.9	17
51	Impulsive laser-induced alignment of OCS molecules at FERMI. Physical Chemistry Chemical Physics, 2017, 19, 19733-19739.	1.3	5
52	A compact design for velocity-map imaging of energetic electrons and ions. Journal of Chemical Physics, 2017, 147, 013942.	1.2	6
53	Anticrossing spectrometry with synchrotron light. Physical Review A, 2017, 96, .	1.0	0
54	Interatomic Coulombic decay in helium nanodroplets. Physical Review A, 2017, 96, .	1.0	27

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55	Negative- and positive-ion fragmentation of core-excited formic-acid molecules studied with three- and four-ion coincidence spectroscopy. Physical Review A, 2017, 96, .	1.0	3
56	Molecular Fragmentation of Acetylene by VUV Double Photoionization. Proceedings (mdpi), 2017, 1, .	0.2	2
57	A tandem timeâ€“ofâ€“flight spectrometer for negativeâ€“ion/positiveâ€“ion coincidence measurements with soft x-ray excitation. Review of Scientific Instruments, 2016, 87, 013109.	0.6	7
58	Molecular Dications in Planetary Atmospheric Escape. Atmosphere, 2016, 7, 112.	1.0	26
59	NEXAFS spectroscopy and site-specific fragmentation of N-methylformamide, N,N-dimethylformamide, and N,N-dimethylacetamide. Journal of Chemical Physics, 2016, 144, 244310.	1.2	12
60	Communication: â€œPositionâ€•does matter: The photofragmentation of the nitroimidazole isomers. Journal of Chemical Physics, 2016, 145, 191102.	1.2	25
61	Angular and energy distributions of fragment ions in dissociative double photoionization of acetylene molecules in the 31.9-50.0 eV photon energy range. Journal of Chemical Physics, 2016, 145, 114308.	1.2	13
62	Fano resonances observed in helium nanodroplets. Physical Review A, 2016, 93, .	1.0	9
63	Negative-Ion/Positive-Ion Coincidence Yields of Core-Excited Water. Journal of Physical Chemistry A, 2016, 120, 6389-6393.	1.1	6
64	Enhanced Ionization of Embedded Clusters by Electron-Transfer-Mediated Decay in Helium Nanodroplets. Physical Review Letters, 2016, 116, 203001.	2.9	36
65	The escape of O+ ions from the atmosphere: An explanation of the observed ion density profiles on Mars. Chemical Physics Letters, 2016, 666, 1-6.	1.2	30
66	Yields and Time-of-Flight Spectra of Neutral High-Rydberg Fragments at the K Edges of the CO2 Molecule. Journal of Physical Chemistry A, 2016, 120, 4360-4367.	1.1	6
67	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
68	The multielectron character of the S 2pâ†'4eg shape resonance in the SF6 molecule studied via detection of soft X-ray emission and neutral high-Rydberg fragments. Journal of Electron Spectroscopy and Related Phenomena, 2016, 209, 26-33.	0.8	5
69	Experimental and theoretical XPS and NEXAFS studies of N-methylacetamide and N-methyltrifluoroacetamide. Physical Chemistry Chemical Physics, 2016, 18, 2210-2218.	1.3	16
70	Complete dissociation branching fractions and Coulomb explosion dynamics of SO2 induced by excitation of O 1s pre-edge resonances. Journal of Chemical Physics, 2015, 143, 134302.	1.2	4
71	Ionization and photofragmentation of Ru3(CO)12 and Os3(CO)12. Journal of Chemical Physics, 2015, 143, 154305.	1.2	8
72	Field ionization of high-Rydberg fragments produced after inner-shell photoexcitation and photoionization of the methane molecule. Journal of Chemical Physics, 2015, 143, 114305.	1.2	5

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73	Plasmon excitation in valence shell photoelectron spectroscopy for PAHs. Journal of Physics: Conference Series, 2015, 583, 012004.	0.3	1
74	Negative-ion/positive-ion coincidence spectroscopy with a novel spectrometer. Journal of Physics: Conference Series, 2015, 635, 112123.	0.3	0
75	Disentangling formation of multiple-core holes in aminophenol molecules exposed to bright X-FEL radiation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 244003.	0.6	17
76	Synchrotron excitation - field ionization studies of high-Rydberg fragments produced after inner-shell ionization of small molecules. Journal of Physics: Conference Series, 2015, 635, 112121.	0.3	0
77	Angular Distributions of Fragment Ions Produced by Coulomb Explosion of Simple Molecular Dications of Astrochemical Interest. Lecture Notes in Computer Science, 2015, , 291-307.	1.0	4
78	Soft X-ray absorption spectroscopy of Ar₂ and ArNe dimers and small Ar clusters. Physical Chemistry Chemical Physics, 2015, 17, 22160-22169.	1.3	5
79	Coupling of collective excitation in proton and photon interaction with PAHs. Journal of Physics: Conference Series, 2015, 635, 112059.	0.3	0
80	Site- and state-selected photofragmentation of 2Br-pyrimidine. Physical Chemistry Chemical Physics, 2015, 17, 24063-24069.	1.3	31
81	Covariance mapping of two-photon double core hole states in C₂H₂and C₂H₆produced by an x-ray free electron laser. New Journal of Physics, 2015, 17, 073002.	1.2	28
82	Experimental investigation of the interatomic Coulombic decay in NeAr dimers. Physical Review A, 2014, 90, .	1.0	6
83	Novel Collective Autoionization Process Observed in Electron Spectra of He Clusters. Physical Review Letters, 2014, 112, 073401.	2.9	70
84	Avoided-crossing spectroscopy technique based on detection of atoms in metastable states. Physical Review A, 2014, 89, .	1.0	3
85	Metastable fragment production at the C 1s and O 1s edges of the CO₂molecule. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 155101.	0.6	3
86	Kinetic Energy Release in molecular dications fragmentation after VUV and EUV ionization and escape from planetary atmospheres. Planetary and Space Science, 2014, 99, 149-157.	0.9	49
87	Comment on: â€œValence ionization of l-proline amino acid: Experimental and theoretical studyâ€•by F. Fathi, H. Farrokhpour, Chem. Phys. Lett. 565 (2013) 102. Chemical Physics Letters, 2014, 601, 186-187.	1.2	1
88	Valence Shell Photoelectron Spectroscopy of Pyrene and Fluorene: Photon Energy Dependence in the Far-Ultraviolet Region. Journal of Physical Chemistry A, 2014, 118, 3128-3135.	1.1	16
89	Determining the polarization state of an extreme ultraviolet free-electron laser beam using atomic circular dichroism. Nature Communications, 2014, 5, 3648.	5.8	69
90	High Resolution Multiphoton Spectroscopy by a Tunable Free-Electron-Laser Light. Physical Review Letters, 2014, 113, 193201.	2.9	31

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91	Selectivity in fragmentation of N-methylacetamide after resonant K-shell excitation. Physical Chemistry Chemical Physics, 2014, 16, 15231.	1.3	24
92	Core photoionization of the argon dimer in the photon-energy range of 255â€“340 eV studied by a photoelectron-photoion-photoion coincidence technique. Physical Review A, 2014, 89, .	1.0	4
93	The role of the partner atom and resonant excitation energy in ICD in rare gas dimers. Journal of Physics: Conference Series, 2014, 488, 022015.	0.3	0
94	Mapping the decay of double core hole states of atoms and molecules. Journal of Physics: Conference Series, 2014, 488, 032021.	0.3	2
95	Interplay of post-collision interaction and photoelectron recapture in the near threshold inner shell ionization of rare gases. Journal of Physics: Conference Series, 2014, 488, 022017.	0.3	0
96	Collective Autoionization in Multiply-Excited Systems: A novel ionization process observed in Helium Nanodroplets. Scientific Reports, 2014, 4, 3621.	1.6	54
97	The Escape Probability of Some Ions from Mars and Titan Ionospheres. Lecture Notes in Computer Science, 2014, , 554-570.	1.0	9
98	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
99	Production of ions at high energy and its role in extraterrestrial environments. Rendiconti Lincei, 2013, 24, 53-65.	1.0	45
100	Dynamics of Hollow Atom Formation in Intense X-Ray Pulses Probed by Partial Covariance Mapping. Physical Review Letters, 2013, 111, 073002.	2.9	83
101	The soft X-ray absorption spectrum of the allyl free radical. Physical Chemistry Chemical Physics, 2013, 15, 1310-1318.	1.3	53
102	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
103	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
104	Near-threshold photoelectron angular distributions from two-photon resonant photoionization of He. New Journal of Physics, 2013, 15, 013023.	1.2	14
105	Using covariance mapping to investigate the dynamics of multi-photon ionization processes of Ne atoms exposed to X-FEL pulses. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164034.	0.6	31
106	Double core-hole formation in small molecules at the LCLS free electron laser. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164030.	0.6	19
107	On the production of N⁺₂ions at the N 1s edge of the nitrogen molecule. Physica Scripta, 2013, 87, 065304.	1.2	2
108	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

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109	Production of excited H atoms at the C 1sedge of the methane molecule studied by VUV-photonâ€“photoion and metastable-fragmentâ€“photoion coincidence experiments. Physical Review A, 2013, 88, .	1.0	7
110	Angular and energy distribution of fragment ions in dissociative double photoionization of acetylene molecules at 39 eV. Journal of Chemical Physics, 2012, 136, 204302.	1.2	51
111	Publisherâ€™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)]. Physical Review Letters, 2012, 108, .	2.9	5
112	Valence photoionization of the N<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>molecule in the region of the N<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mi>s</mml:mi><mml:mo>â†'</mml:mo></mml:mrow></mml:math>Rydberg excitations. Physical Review A, 2012, 86, .	1.0	2
113	Combined effect of Stark and singlet-triplet mixing on photon-yield spectra of singly excited helium. Physical Review A, 2012, 85, .	1.0	3
114	Experimental Verification of the Chemical Sensitivity of Two-Site Double Core-Hole States Formed by an X-Ray Free-Electron Laser. Physical Review Letters, 2012, 108, 153003.	2.9	103
115	Angular distributions of low kinetic energy photoelectrons in one- and two-photon ionisation of rare gas atoms. Journal of Physics: Conference Series, 2012, 388, 022057.	0.3	0
116	Multiple Ionization and Double Core-Hole Production in Molecules using the LCLS X-Ray FEL. Journal of Physics: Conference Series, 2012, 388, 032028.	0.3	0
117	Near-threshold photoelectron angular distributions from two-photon resonant ionisation of He and Ne atoms. Journal of Physics: Conference Series, 2012, 399, 012016.	0.3	0
118	X-Ray FEL-induced Double Core-Hole Formation in Polyatomic Molecules. Journal of Physics: Conference Series, 2012, 388, 022083.	0.3	0
119	Soft X-ray photoemission spectroscopy of selected neurotransmitters in the gas phase. Journal of Electron Spectroscopy and Related Phenomena, 2012, 185, 244-251.	0.8	3
120	Vibrationally resolved photoionization of N2 near threshold. Journal of Chemical Physics, 2012, 136, 104307.	1.2	10
121	X-ray Spectroscopy of Heterocyclic Biochemicals: Xanthine, Hypoxanthine, and Caffeine. Journal of Physical Chemistry A, 2012, 116, 5653-5664.	1.1	29
122	Experimental and theoretical study of the chemi-ionization in thermal collisions of Ne Rydberg atoms. Physical Review A, 2012, 85, .	1.0	7
123	Lifetime and kinetic energy release of metastable dications dissociation. Chemical Physics, 2012, 398, 134-141.	0.9	31
124	X-ray emissionâ€“photoion coincidence spectroscopy of the CO2 molecule at the O 1s edge. Chemical Physics Letters, 2012, 531, 252-256.	1.2	4
125	A velocity map imaging apparatus for gas phase studies at FERMI@Elettra. Nuclear Instruments & Methods in Physics Research B, 2012, 284, 69-73.	0.6	11
126	Double Core Hole Spectroscopy of Small Molecules. , 2012, , .		0

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127	Dissociative double photoionization of benzene molecules in the 26â€“33 eV energy range. Physical Chemistry Chemical Physics, 2011, 13, 8245.	1.3	41
128	Double-core-hole spectroscopy for chemical analysis with an intense X-ray femtosecond laser. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16912-16915.	3.3	165
129	A photoelectron velocity map imaging spectrometer for experiments combining synchrotron and laser radiations. Review of Scientific Instruments, 2011, 82, 033109.	0.6	59
130	Application of a VMI spectrometer to near-threshold photoionization with synchrotron radiation. Journal of Physics: Conference Series, 2011, 288, 012020.	0.3	1
131	Dissociative double photoionization of singly deuterated benzene molecules in the 26â€“33 eV energy range. Journal of Chemical Physics, 2011, 135, 144304.	1.2	34
132	O 1s excitation and ionization processes in the CO2molecule studied via detection of low-energy fluorescence emission. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 165103.	0.6	7
133	Experimental study of linear magnetic dichroism in photoionization satellite transitions of atomic rubidium. Physical Review A, 2011, 84, .	1.0	2
134	Velocity-map imaging of near-threshold photoelectrons in Ne and Ar. Physical Review A, 2011, 84, .	1.0	5
135	Time-resolved study of excited states of N2 near its first ionization threshold. Journal of Chemical Physics, 2011, 134, 114312.	1.2	7
136	Photoelectron imaging in pump-probe experiments combining synchrotron and laser radiation. Journal of Physics: Conference Series, 2010, 235, 012006.	0.3	1
137	Experimental confirmation of photon-induced spin-flip transitions in helium via triplet metastable yield spectra. Physical Review A, 2010, 81, .	1.0	7
138	Photoelectron angular distributions from polarized Ne<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mo>*</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math>atoms near threshold. Physical Review A, 2010, 82, .	1.0	15
139	Dissociative photoionization of the NO molecule studied by photoelectronâ€“photon coincidence technique. Journal of Electron Spectroscopy and Related Phenomena, 2010, 182, 63-69.	0.8	1
140	Photoionization of laser-excited caesium atoms above the 4d ionization threshold. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 215001.	0.6	4
141	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
142	Dissociative double photoionization of CO2 molecules in the 36â€“49 eV energy range: angular and energy distribution of ion products. Physical Chemistry Chemical Physics, 2010, 12, 5389.	1.3	43
143	Core level absorption of laser-excited Rb and Cs atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 175001.	0.6	3
144	Photoion mass spectroscopy and valence photoionization of hypoxanthine, xanthine and caffeine. Chemical Physics, 2009, 358, 33-38.	0.9	24

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145	Photoemission and Photoabsorption Spectroscopy of Glycyl-Glycine in the Gas Phase. Journal of Physical Chemistry A, 2009, 113, 10726-10733.	1.1	51
146	Excitation ofS1andS3Metastable Helium Atoms to Doubly Excited States. Physical Review Letters, 2009, 102, 153001.	2.9	8
147	Electronic structure of aromatic amino acids studied by soft x-ray spectroscopy. Journal of Chemical Physics, 2009, 131, 035103.	1.2	80
148	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
149	An Experimental and Theoretical Core-Level Study of Tautomerism in Guanine. Journal of Physical Chemistry A, 2009, 113, 9376-9385.	1.1	64
150	Rydberg spectra of Neon probed by associative ionization in synchrotron + laser pump-probe experiments. Journal of Physics: Conference Series, 2009, 194, 022050.	0.3	1
151	Double Photoionization of CO₂ Molecules in the 34â˜'50 eV Energy Range. Journal of Physical Chemistry A, 2009, 113, 14755-14759.	1.1	48
152	Theoretical and Experimental Study of Valence-Shell Ionization Spectra of Guanine. Journal of Physical Chemistry A, 2009, 113, 15142-15149.	1.1	34
153	Determination of structural parameters from advanced molecular electronic spectroscopy: The double ionization of nitrous oxide by synchrotron radiation. Rendiconti Lincei, 2008, 19, 215-221.	1.0	3
154	Pump-probe studies of autoionizing states of noble gases combining laser and synchrotron radiationâ€"The nfâ€² Rydberg states of neon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 502-508.	0.7	17
155	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
156	Core Level Study of Alanine and Threonine. Journal of Physical Chemistry A, 2008, 112, 7806-7815.	1.1	80
157	Electronic state resolved PEPICO spectroscopy of pyrimidine. Physica Scripta, 2008, 78, 058105.	1.2	49
158	Valence photoionization and photofragmentation of aromatic amino acids. Molecular Physics, 2008, 106, 1143-1153.	0.8	53
159	The umbrella motion of core-excited CH3 and CD3 methyl radicals. Journal of Chemical Physics, 2008, 128, 044302.	1.2	7
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