

Laurent Nahon

List of Publications by Year in descending order

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185
papers

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citations

47006

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71685

76
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194
all docs

194
docs citations

194
times ranked

4297
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional charged particle image inversion using a polar basis function expansion. Review of Scientific Instruments, 2004, 75, 4989-4996.	1.3	607
2	DESIRS: a state-of-the-art VUV beamline featuring high resolution and variable polarization for spectroscopy and dichroism at SOLEIL. Journal of Synchrotron Radiation, 2012, 19, 508-520.	2.4	283
3	Ribose and related sugars from ultraviolet irradiation of interstellar ice analogs. Science, 2016, 352, 208-212.	12.6	230
4	A table-top ultrashort light source in the extreme ultraviolet for circular dichroism experiments. Nature Photonics, 2015, 9, 93-98.	31.4	217
5	DELICIOUS III: A multipurpose double imaging particle coincidence spectrometer for gas phase vacuum ultraviolet photodynamics studies. Review of Scientific Instruments, 2013, 84, 053112.	1.3	158
6	NON-RACEMIC AMINO ACID PRODUCTION BY ULTRAVIOLET IRRADIATION OF ACHIRAL INTERSTELLAR ICE ANALOGS WITH CIRCULARLY POLARIZED LIGHT. Astrophysical Journal Letters, 2011, 727, L27.	8.3	151
7	Photoexcitation circular dichroism in chiral molecules. Nature Physics, 2018, 14, 484-489.	16.7	145
8	Photoionization of 2-pyridone and 2-hydroxypyridine. Physical Chemistry Chemical Physics, 2010, 12, 3566.	2.8	123
9	Asymmetric Vacuum UV photolysis of the Amino Acid Leucine in the Solid State. Angewandte Chemie - International Edition, 2005, 44, 5630-5634.	13.8	121
10	A versatile electron-ion coincidence spectrometer for photoelectron momentum imaging and threshold spectroscopy on mass selected ions using synchrotron radiation. Review of Scientific Instruments, 2009, 80, 023102.	1.3	121
11	Experimental and theoretical study of a differentially pumped absorption gas cell used as a low energy-pass filter in the vacuum ultraviolet photon energy range. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2000, 18, 2533.	2.1	119
12	Aldehydes and sugars from evolved precometary ice analogs: Importance of ices in astrochemical and prebiotic evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 965-970.	7.1	110
13	High-resolution broad-bandwidth Fourier-transform absorption spectroscopy in the VUV range down to 40Ånm. Nature Photonics, 2011, 5, 149-153.	31.4	108
14	Vibrationally induced inversion of photoelectron forward-backward asymmetry in chiral molecule photoionization by circularly polarized light. Nature Communications, 2013, 4, 2132.	12.8	108
15	Circular dichroism in the photoelectron angular distribution from randomly oriented enantiomers of camphor. Journal of Chemical Physics, 2003, 119, 8781-8784.	3.0	102
16	ENANTIOMERIC EXCESSES INDUCED IN AMINO ACIDS BY ULTRAVIOLET CIRCULARLY POLARIZED LIGHT IRRADIATION OF EXTRATERRESTRIAL ICE ANALOGS: A POSSIBLE SOURCE OF ASYMMETRY FOR PREBIOTIC CHEMISTRY. Astrophysical Journal, 2014, 788, 79.	4.5	100
17	Determination of chiral asymmetries in the valence photoionization of camphor enantiomers by photoelectron imaging using tunable circularly polarized light. Journal of Chemical Physics, 2006, 125, 114309.	3.0	99
18	Valence shell one-photon photoelectron circular dichroism in chiral systems. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 322-334.	1.7	98

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19	Photonenergyâ€Controlled Symmetry Breaking with Circularly Polarized Light. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 210-214.	13.8	95
20	Vacuum upgrade and enhanced performances of the double imaging electron/ion coincidence end-station at the vacuum ultraviolet beamline DESIRS. <i>Review of Scientific Instruments</i> , 2015, 86, 123108.	1.3	94
21	SU5: a calibrated variable-polarization synchrotron radiation beam line in the vacuum-ultraviolet range. <i>Applied Optics</i> , 2004, 43, 1024.	2.1	86
22	Relaxation Dynamics in Photoexcited Chiral Molecules Studied by Time-Resolved Photoelectron Circular Dichroism: Toward Chiral Femtochemistry. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4514-4519.	4.6	81
23	Determination of accurate electron chiral asymmetries in fenchone and camphor in the VUV range: sensitivity to isomerism and enantiomeric purity. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12696-12706.	2.8	80
24	Complete description of linear molecule photoionization achieved by vector correlations using the light of a single circular polarization. <i>Journal of Chemical Physics</i> , 2003, 118, 9653-9663.	3.0	76
25	Circular Dichroism of Amino Acids in the Vacuumâ€Ultraviolet Region. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7799-7802.	13.8	75
26	Photoelectronâ€photoion coincidence spectroscopy for multiplexed detection of intermediate species in a flame. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22791-22804.	2.8	74
27	The effects of circularly polarized light on amino acid enantiomers produced by the UV irradiation of interstellar ice analogs. <i>Astronomy and Astrophysics</i> , 2006, 457, 741-751.	5.1	73
28	Very high spectral resolution obtained with SU5: A vacuum ultraviolet undulator-based beamline at Super-ACO. <i>Review of Scientific Instruments</i> , 2001, 72, 1320.	1.3	70
29	Photochirogenesis: Photochemical models on the absolute asymmetric formation of amino acids in interstellar space. <i>Physics of Life Reviews</i> , 2011, 8, 307-330.	2.8	69
30	A refocusing modified velocity map imaging electron/ion spectrometer adapted to synchrotron radiation studies. <i>Review of Scientific Instruments</i> , 2005, 76, 053302.	1.3	68
31	VUV state-selected photoionization of thermally-desorbed biomolecules by coupling an aerosol source to an imaging photoelectron/photoion coincidence spectrometer: case of the amino acids tryptophan and phenylalanine. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7024.	2.8	68
32	VUV synchrotron radiation: a new activation technique for tandem mass spectrometry. <i>Journal of Synchrotron Radiation</i> , 2012, 19, 174-178.	2.4	65
33	Probing ultrafast dynamics of chiral molecules using time-resolved photoelectron circular dichroism. <i>Faraday Discussions</i> , 2016, 194, 325-348.	3.2	65
34	A Fourier transform spectrometer without a beam splitter for the vacuum ultraviolet range: From the optical design to the first UV spectrum. <i>Review of Scientific Instruments</i> , 2009, 80, 043101.	1.3	62
35	Chemical kinetics in an atmospheric pressure helium plasma containing humidity. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24263-24286.	2.8	62
36	VUV PHOTO-PROCESSING OF PAH CATIONS: QUANTITATIVE STUDY ON THE IONIZATION VERSUS FRAGMENTATION PROCESSES. <i>Astrophysical Journal</i> , 2016, 822, 113.	4.5	61

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37	Photoionization of a protein isolated in vacuo. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15432.	2.8	60
38	Absolute atomic oxygen and nitrogen densities in radio-frequency driven atmospheric pressure cold plasmas: Synchrotron vacuum ultra-violet high-resolution Fourier-transform absorption measurements. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	60
39	Synchrotron-based double imaging photoelectron/photoion coincidence spectroscopy of radicals produced in a flow tube: OH and OD. <i>Journal of Chemical Physics</i> , 2015, 142, 164201.	3.0	60
40	A Valence Photoelectron Imaging Investigation of Chiral Asymmetry in the Photoionization of Fenchone and Camphor. <i>ChemPhysChem</i> , 2008, 9, 475-483.	2.1	59
41	Electron ionization, photoionization and photoelectron/photoion coincidence spectroscopy in mass-spectrometric investigations of a low-pressure ethylene/oxygen flame. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 779-786.	3.9	58
42	Anisotropy Spectra of Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4484-4487.	13.8	57
43	Chiral signatures in angle-resolved valence photoelectron spectroscopy of pure glycidol enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1628.	2.8	52
44	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.	1.5	52
45	VUV Photodynamics and Chiral Asymmetry in the Photoionization of Gas Phase Alanine Enantiomers. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2765-2779.	2.5	51
46	Chiral Asymmetry in the Photoionization of Gas-Phase Amino-Acid Alanine at Lyman- α Radiation Wavelength. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2698-2704.	4.6	49
47	LABORATORY PHOTO-CHEMISTRY OF PAHs: IONIZATION VERSUS FRAGMENTATION. <i>Astrophysical Journal Letters</i> , 2015, 804, L7.	8.3	49
48	Enantiomeric separation of complex organic molecules produced from irradiation of interstellar/circumstellar ice analogs. <i>Advances in Space Research</i> , 2007, 39, 400-404.	2.6	47
49	Photodissociation and Dissociative Photoionization Mass Spectrometry of Proteins and Noncovalent Protein-Ligand Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8377-8381.	13.8	45
50	Effects of dimerization on the photoelectron angular distribution parameters from chiral camphor enantiomers obtained with circularly polarized vacuum-ultraviolet radiation. <i>Physical Review A</i> , 2010, 82, .	2.5	41
51	Size-Resolved Photoelectron Anisotropy of Gas Phase Water Clusters and Predictions for Liquid Water. <i>Physical Review Letters</i> , 2017, 118, 103402.	7.8	40
52	Size Effect in the Ionization Energy of PAH Clusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3697-3702.	4.6	40
53	A versatile electromagnetic planar/helical crossed undulator optimized for the SU5 low energy/high resolution beamline at Super-ACO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 396, 237-250.	1.6	38
54	Photoionization of epichlorohydrin enantiomers and clusters studied with circularly polarized vacuum ultraviolet radiation. <i>Journal of Chemical Physics</i> , 2011, 134, 064306.	3.0	38

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73	Controlled production of atomic oxygen and nitrogen in a pulsed radio-frequency atmospheric-pressure plasma. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 455204.	2.8	27
74	Action spectroscopy of a protonated peptide in the ultraviolet range. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25725-25733.	2.8	26
75	Electron asymmetries in the photoionization of chiral molecules: possible astrophysical implications. <i>Advances in Physics: X</i> , 2018, 3, 1477530.	4.1	26
76	Gas-phase VUV photoionisation and photofragmentation of the silver deuteride nanocluster $[Ag_{10}D_8L_6]^{2+}$ (L = bis(diphenylphosphino)methane). A joint experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25772-25777.	2.8	25
77	Identifying Cytosine-Specific Isomers via High-Accuracy Single Photon Ionization. <i>Journal of the American Chemical Society</i> , 2016, 138, 16596-16599.	13.7	25
78	d-Amino acids in molecular evolution in space – Absolute asymmetric photolysis and synthesis of amino acids by circularly polarized light. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 743-758.	2.3	25
79	Vibrationally-resolved photoelectron spectroscopy and photoelectron circular dichroism of bicyclic monoterpene enantiomers. <i>Journal of Molecular Spectroscopy</i> , 2018, 353, 11-19.	1.2	25
80	Astrochemical relevance of VUV ionization of large PAH cations. <i>Astronomy and Astrophysics</i> , 2020, 641, A98.	5.1	25
81	Theoretical and Experimental Photoelectron Spectroscopy Characterization of the Ground State of Thymine Cation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5951-5958.	2.5	24
82	Identifying and Understanding Strong Vibronic Interaction Effects Observed in the Asymmetry of Chiral Molecule Photoelectron Angular Distributions. <i>ChemPhysChem</i> , 2017, 18, 500-512.	2.1	24
83	Isomer Identification in Flames with Double-Imaging Photoelectron/Photoion Coincidence Spectroscopy (2^2 PEPICO) using Measured and Calculated Reference Photoelectron Spectra. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 153-187.	2.8	23
84	Threshold photoelectron spectroscopy of the imidogen radical. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 203, 25-30.	1.7	22
85	Selective identification of cyclopentaring-fused PAHs and side-substituted PAHs in a low pressure premixed sooting flame by photoelectron photoion coincidence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15926-15944.	2.8	22
86	Condensation Effects on Electron Chiral Asymmetries in the Photoionization of Serine: From Free Molecules to Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2385-2393.	4.6	22
87	Comprehensive vacuum ultraviolet photoionization study of the CF_3 trifluoromethyl radical using synchrotron radiation. <i>Journal of Chemical Physics</i> , 2012, 136, 204304.	3.0	20
88	Conformer-dependent vacuum ultraviolet photodynamics and chiral asymmetries in pure enantiomers of gas phase proline. <i>Communications Chemistry</i> , 2021, 4, .	4.5	20
89	Design, Construction and Magnetic Measurements of the HU640 (OPHELIE2) Undulator dedicated to the DESIRS VUV Beamline at SOLEIL. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	19
90	A new VUV high resolution undulator-based beamline at Super-ACO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 404, 418-429.	1.6	18

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91	Slow Photoelectron Spectroscopy of 3-Hydroxyisoquinoline. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8095-8102.	2.5	18
92	Electronic Properties of Free-Standing Surfactant-Capped Lead Halide Perovskite Nanocrystals Isolated in Vacuo. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3604-3611.	4.6	18
93	Tuning photoionization mechanisms of molecular hybrid materials for EUV lithography applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 33-37.	5.5	18
94	Room temperature photoabsorption cross section measurements of CO ₂ between 91,000 and 115,000 cm ⁻¹ . <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 117, 88-92.	2.3	17
95	CH ₃ ⁺ Formation in the Dissociation of Energy-Selected CH ₃ F ⁺ Studied by Double Imaging Electron/Ion Coincidences. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5942-5950.	2.5	17
96	Intense Vibronic Modulation of the Chiral Photoelectron Angular Distribution Generated by Photoionization of Limonene Enantiomers with Circularly Polarized Synchrotron Radiation. <i>ChemPhysChem</i> , 2018, 19, 921-933.	2.1	17
97	Interfacial Charge Transfer Transitions in Colloidal TiO ₂ Nanoparticles Functionalized with Salicylic acid and 5-Aminosalicylic acid: A Comparative Photoelectron Spectroscopy and DFT Study. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29057-29066.	3.1	17
98	Vacuum ultraviolet photodynamics of the methyl peroxy radical studied by double imaging photoelectron photoion coincidences. <i>Journal of Chemical Physics</i> , 2020, 152, 104301.	3.0	17
99	Complete characterization of SU5. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 467-468, 453-457.	1.6	16
100	Complete determination of the state of elliptically polarized light by electron-ion vector correlations. <i>Physical Review A</i> , 2013, 88, .	2.5	16
101	Progress in Fixed-Photon-Energy Time-Efficient Double Imaging Photoelectron/Photoion Coincidence Measurements in Quantitative Flame Analysis. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 1067-1097.	2.8	16
102	Chemistry deriving from OOQOOH radicals in alkane low-temperature oxidation: A first combined theoretical and electron-ion coincidence mass spectrometry study. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 309-319.	3.9	16
103	Amino acid gas phase circular dichroism and implications for the origin of biomolecular asymmetry. <i>Nature Communications</i> , 2022, 13, 502.	12.8	16
104	Nanosolvation-Induced Stabilization of a Protonated Peptide Dimer Isolated in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7286-7290.	13.8	15
105	Photo-induced Fragmentation of a Tin-oxo Cage Compound. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2018, 31, 243-247.	0.3	15
106	Determination of absolute O(³ P) and O(₂ (¹ g)) densities and kinetics in fully modulated O(₂ dc glow discharges from the O(₂ (³ X(³ g)) afterglow recovery dynamics. <i>Plasma Sources Science and Technology</i> , 2020, 29, 115009.	3.1	15
107	Energy-Dependent UV Photodissociation of Gas-Phase Adenosine Monophosphate Nucleotide Ions: The Role of a Single Solvent Molecule. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1994-1999.	4.6	14
108	Anisotropy-Guided Enantiomeric Enhancement in Alanine Using Far-UV Circularly Polarized Light. <i>Origins of Life and Evolution of Biospheres</i> , 2015, 45, 149-161.	1.9	14

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109	A smog chamber study coupling a photoionization aerosol electron/ion spectrometer to VUV synchrotron radiation: organic and inorganic-organic mixed aerosol analysis. <i>European Physical Journal D</i> , 2016, 70, 1.	1.3	14
110	The evolution of Titan's high-altitude aerosols under ultraviolet irradiation. <i>Nature Astronomy</i> , 2018, 2, 489-494.	10.1	14
111	Unveiling the complex vibronic structure of the canonical adenine cation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20756-20765.	2.8	14
112	Vibrationally Resolved Photoelectron Spectroscopy of Electronic Excited States of DNA Bases: Application to the π^* State of Thymine Cation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1146-1153.	2.5	13
113	Decoupling vibration and electron energy dependencies in the photoelectron circular dichroism of a terpene, 3-carene. <i>Journal of Chemical Physics</i> , 2020, 153, 034302.	3.0	13
114	The Interplay Between Conformation and Absolute Configuration in Chiral Electron Dynamics of Small Diols. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11054-11058.	13.8	12
115	Photo-processing of astro-PAHs. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 062002.	0.4	12
116	Identifying isomers of peroxy radicals in the gas phase: 1-C ₃ H ₇ O ₂ vs. 2-C ₃ H ₇ O ₂ . <i>Chemical Communications</i> , 2020, 56, 15525-15528.	4.1	12
117	Jet-Stirred Reactor Study of Low-Temperature Neopentane Oxidation: A Combined Theoretical, Chromatographic, Mass Spectrometric, and PEPICO Analysis. <i>Energy & Fuels</i> , 2021, 35, 19689-19704.	5.1	12
118	Photoelectron circular dichroism in angle-resolved photoemission from liquid fenchone. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8081-8092.	2.8	12
119	Handling the carbon contamination issue at SOLEIL. <i>Proceedings of SPIE</i> , 2011, , .	0.8	11
120	VUV Fourier-transform absorption study of the Lyman and Werner bands in D ₂ . <i>Journal of Chemical Physics</i> , 2012, 136, 234310.	3.0	11
121	Double imaging photoelectron photoion coincidence sheds new light on the dissociation of energy-selected CH ₃ Cl ⁺ ions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23923-23931.	2.8	11
122	Threshold Photoelectron Spectrum of the Anilino Radical. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9193-9198.	2.5	11
123	Valence-Shell Photoionization of C ₄ H ₅ : The 2-Butyn-1-yl Radical. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1521-1528.	2.5	11
124	Velocity Map Imaging VUV Angle-Resolved Photoemission on Isolated Nanosystems: Case of Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24500-24512.	3.1	11
125	State-Selected Unimolecular Decomposition of $\hat{\nu}$ -Valerolactam ⁺ and $\hat{\nu}$ -Valerolactam ₂ ⁺ Cations: Theory and Experiment. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8706-8712.	2.5	10
126	Isotopically Resolved Photoelectron Imaging Unravels Complex Atomic Autoionization Dynamics by Two-Color Resonant Ionization. <i>Physical Review Letters</i> , 2013, 111, 243002.	7.8	10

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127	DESIRS : a state-of-the-art VUV beamline featuring high resolution and variable polarization for spectroscopy and dichroism at SOLEIL. <i>Journal of Physics: Conference Series</i> , 2013, 425, 122004.	0.4	10
128	DISSOCIATIVE PHOTOIONIZATION OF POLYCYCLIC AROMATIC HYDROCARBON MOLECULES CARRYING AN ETHYNYL GROUP. <i>Astrophysical Journal</i> , 2015, 810, 114.	4.5	10
129	VUV action spectroscopy of protonated leucine-enkephalin peptide in the 6-14 eV range. <i>Journal of Chemical Physics</i> , 2015, 143, 244311.	3.0	10
130	Adiabatic ionization energies of the overlapped A2A1 and B2E electronic states in CH3Cl+/CH3F+ measured with double imaging electron/ion coincidence. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16858-16863.	2.8	10
131	VUV-synchrotron absorption studies of N2 and CO at 900K. <i>Journal of Molecular Spectroscopy</i> , 2015, 315, 137-146.	1.2	10
132	Molecular Isomer Identification of Titanâ€™s Tholins Organic Aerosols by Photoelectron/Photoion Coincidence Spectroscopy Coupled to VUV Synchrotron Radiation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 6529-6540.	2.5	10
133	New insights onto dissociation of state-selected O2+ ions investigated by double imaging photoelectron photoion coincidence: The superimposed 32Î¼ and 41Î¼ inner-valence states. <i>Journal of Chemical Physics</i> , 2018, 148, 124309.	3.0	10
134	An imaging photoelectron-photoion coincidence investigation of homochiral 2R,3R-butanediol clusters. <i>Journal of Chemical Physics</i> , 2017, 147, 013937.	3.0	9
135	Threshold photoelectron spectroscopy of the methoxy radical. <i>Journal of Chemical Physics</i> , 2020, 153, 031101.	3.0	9
136	A new instrument for kinetics and branching ratio studies of gas phase collisional processes at very low temperatures. <i>Review of Scientific Instruments</i> , 2021, 92, 014102.	1.3	9
137	Vacuum Ultraviolet Action Spectroscopy of Polysaccharides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1271-1279.	2.8	8
138	The effect of autoionization on the N₂⁺X²Î±_g⁺ state vibrationally resolved photoelectron anisotropy parameters and branching ratios. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 095102.	1.5	8
139	Double Imaging Photoelectron Photoion Coincidence Sheds New Light on the Dissociation of State-Selected CH₃F⁺ Ions. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5763-5772.	2.5	8
140	The absolute photoionization cross section of the mercapto radical (SH) from threshold up to 15.0 eV. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25907-25915.	2.8	8
141	VUV photoionization dynamics of the C60 buckminsterfullerene: 2D-matrix photoelectron spectroscopy in an astrophysical context. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13880-13892.	2.8	8
142	Pyrolysis of ethanol studied in a new high-repetition-rate shock tube coupled to synchrotron-based double imaging photoelectron/photoion coincidence spectroscopy. <i>Combustion and Flame</i> , 2021, 226, 53-68.	5.2	8
143	UV and VUV-induced fragmentation of tin-oxo cage ions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20909-20918.	2.8	8
144	Ultraviolet and vacuum ultraviolet photo-processing of protonated benzonitrile (C₆H₅CNH⁺). <i>Astronomy and Astrophysics</i> , 2022, 657, A85.	5.1	8

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145	Photoelectron Circular Dichroism as a Signature of Subtle Conformational Changes: The Case of Ring Inversion in 1-Indanol. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2313-2320.	4.6	8
146	VUV photofragmentation of protonated leucine-enkephalin peptide dimer below ionization energy. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	7
147	The surprisingly high ligation energy of CO to ruthenium porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11730-11739.	2.8	7
148	FUV Photoionization of Titan Atmospheric Aerosols. <i>Astrophysical Journal</i> , 2018, 867, 164.	4.5	7
149	Isotope Effects in the Predissociation of Excited States of N ₂ ⁺ Produced by Photoionization of ¹⁴ N ₂ and ¹⁵ N ₂ at Energies Between 24.2 and 25.6 eV. <i>Frontiers in Chemistry</i> , 2019, 7, 222.	3.6	7
150	State-Dependent Fragmentation of Protonated Uracil and Uridine. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3551-3557.	2.5	7
151	Threshold photoelectron spectroscopy of the HO ₂ radical. <i>Journal of Chemical Physics</i> , 2020, 153, 124306.	3.0	7
152	Valence-shell photoelectron circular dichroism of ruthenium(ⁱⁱⁱ)-tris-(acetylacetonato) gas-phase enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 24140-24153.	2.8	6
153	Isotope effects in resonant two-color photoionization of Xe in the region of the 5p ⁵ (² P _{1/2}) ^{4f} [5/2] ₂ autoionizing state. <i>New Journal of Physics</i> , 2015, 17, 043054.	2.9	5
154	Effect of electronic angular momentum exchange on photoelectron anisotropy following the two-color ionization of krypton atoms. <i>Physical Review A</i> , 2016, 93, .	2.5	5
155	Photon-induced Fragmentation of Zinc-based Oxoclusters for EUV Lithography Applications. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2020, 33, 153-158.	0.3	5
156	Valence shell direct double photodetachment in polyanions. <i>New Journal of Physics</i> , 2013, 15, 063024.	2.9	4
157	Dissociative VUV photoionization of butanediol isomers. <i>International Journal of Mass Spectrometry</i> , 2015, 376, 46-53.	1.5	4
158	The Interplay Between Conformation and Absolute Configuration in Chiral Electron Dynamics of Small Diols. <i>Angewandte Chemie</i> , 2016, 128, 11220-11224.	2.0	4
159	High resolution vibronic state-specific dissociation of NO ₂ ⁺ in the 10.0–15.5 eV energy range by synchrotron double imaging photoelectron photoion coincidence. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1974-1982.	2.8	4
160	State-to-state dissociative photoionization of molecular nitrogen: the full story. <i>Advances in Physics: X</i> , 2020, 5, 1831955.	4.1	4
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