

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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76
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all docs

194
docs citations

194
times ranked

4297
citing authors

#	ARTICLE	IF	CITATIONS
1	Vacuum ultraviolet photochemistry of sulfuric acid vapor: A combined experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	3
2	Amino acid gas phase circular dichroism and implications for the origin of biomolecular asymmetry. <i>Nature Communications</i> , 2022, 13, 502.	12.8	16
3	Ultraviolet and vacuum ultraviolet photo-processing of protonated benzonitrile (C ₆ H ₅ CNH ⁺). <i>Astronomy and Astrophysics</i> , 2022, 657, A85.	5.1	8
4	Photoelectron circular dichroism in angle-resolved photoemission from liquid fenchone. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8081-8092.	2.8	12
5	UV/VUV photoprocessing of protonated N-hetero(poly)acenes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5656-5660.	4.4	2
6	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
7	Accounting for molecular flexibility in photoionization: case of tert-butyl hydroperoxide. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10826-10837.	2.8	3
8	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
9	Characterisation of the first electronically excited state of protonated acetylene C ₂ H ₃ ⁺ by coincident imaging photoelectron spectroscopy. <i>Molecular Physics</i> , 2021, 119, e1825851.	1.7	4
10	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
11	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
12	Low-energy constraints on photoelectron spectra measured from liquid water and aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8246-8260.	2.8	33
13	Dissociation of High-Lying Electronic States of NO ₂ ⁺ in the 15.5–20 eV Region. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1517-1525.	2.5	2
14	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
15	Reprint of: 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, 224, 150-165.	5.2	2
16	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
17	A cluster source for photoelectron spectroscopy in VUV and X-ray ranges. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	3
18	Photoelectron Spectroscopy of the Water Dimer Reveals Unpredicted Vibrational Structure. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4882-4887.	2.5	3

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19	Conformer-dependent vacuum ultraviolet photodynamics and chiral asymmetries in pure enantiomers of gas phase proline. <i>Communications Chemistry</i> , 2021, 4, .	4.5	20
20	High resolution threshold photoelectron spectrum and autoionization processes of S ₂ up to 15.0 eV. <i>Journal of Molecular Spectroscopy</i> , 2021, 381, 111533.	1.2	3
21	UV and VUV-induced fragmentation of tin-oxo cage ions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20909-20918.	2.8	8
22	Threshold photoelectron spectroscopy of 9-methyladenine: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2021, , .	2.8	4
23	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
24	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
25	Isomer-sensitive characterization of low temperature oxidation reaction products by coupling a jet-stirred reactor to an electron/ion coincidence spectrometer: case of <i>n</i> -pentane. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1222-1241.	2.8	28
26	State-to-state dissociative photoionization of molecular nitrogen: the full story. <i>Advances in Physics: X</i> , 2020, 5, 1831955.	4.1	4
27	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
28	Threshold photoelectron spectroscopy of the methoxy radical. <i>Journal of Chemical Physics</i> , 2020, 153, 031101.	3.0	9
29	Photo-processing of astro-PAHs. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 062002.	0.4	12
30	The effect of autoionization on the HBr+ X 2 ¹ / ₃ , 1/2 state photoelectron angular distributions. <i>Chemical Physics</i> , 2020, 539, 110961.	1.9	0
31	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
32	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
33	Threshold photoelectron spectroscopy of the HO ₂ radical. <i>Journal of Chemical Physics</i> , 2020, 153, 124306.	3.0	7
34	High-resolution vacuum ultraviolet absorption spectra of 2,3- and 2,5-dihydrofuran. <i>Journal of Chemical Physics</i> , 2020, 153, 134303.	3.0	1
35	High-resolution vacuum ultraviolet photodynamic of the nitrogen dioxide dimer (NO ₂) ₂ and the stability of its cation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21068-21073.	2.8	3
36	Astrochemical relevance of VUV ionization of large PAH cations. <i>Astronomy and Astrophysics</i> , 2020, 641, A98.	5.1	25

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37	Photoionization of C ₄ H ₅ Isomers. Journal of Physical Chemistry A, 2020, 124, 6050-6060.	2.5	4
38	Vacuum ultraviolet photodynamics of the methyl peroxy radical studied by double imaging photoelectron photoion coincidences. Journal of Chemical Physics, 2020, 152, 104301.	3.0	17
39	Signature of a conical intersection in the dissociative photoionization of formaldehyde. Physical Chemistry Chemical Physics, 2020, 22, 12886-12893.	2.8	3
40	VUV photoionization dynamics of the C60 buckminsterfullerene: 2D-matrix photoelectron spectroscopy in an astrophysical context. Physical Chemistry Chemical Physics, 2020, 22, 13880-13892.	2.8	8
41	Velocity Map Imaging VUV Angle-Resolved Photoemission on Isolated Nanosystems: Case of Gold Nanoparticles. Journal of Physical Chemistry C, 2020, 124, 24500-24512.	3.1	11
42	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)(X ³ g) afterglow recovery dynamics. Plasma Sources Science and Technology, 2020, 29, 115009.	3.1	15
43	Photon-induced Fragmentation of Zinc-based Oxoclusters for EUV Lithography Applications. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2020, 33, 153-158.	0.3	5
44	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 171001.	1.5	52
45	Interfacial Charge Transfer Transitions in Colloidal TiO ₂ Nanoparticles Functionalized with Salicylic acid and 5-Aminosalicylic acid: A Comparative Photoelectron Spectroscopy and DFT Study. Journal of Physical Chemistry C, 2019, 123, 29057-29066.	3.1	17
46	Threshold Photoelectron Spectrum of the Anilino Radical. Journal of Physical Chemistry A, 2019, 123, 9193-9198.	2.5	11
47	Valence-Shell Photoionization of C ₄ H ₅ : The 2-Butyn-1-yl Radical. Journal of Physical Chemistry A, 2019, 123, 1521-1528.	2.5	11
48	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. Frontiers in Chemistry, 2019, 7, 222.	3.6	7
49	State-Dependent Fragmentation of Protonated Uracil and Uridine. Journal of Physical Chemistry A, 2019, 123, 3551-3557.	2.5	7
50	Photoprocessing of large PAH cations. Proceedings of the International Astronomical Union, 2019, 15, 388-389.	0.0	0
51	The absolute photoionization cross section of the mercapto radical (SH) from threshold up to 15.0 eV. Physical Chemistry Chemical Physics, 2019, 21, 25907-25915.	2.8	8
52	Tuning photoionization mechanisms of molecular hybrid materials for EUV lithography applications. Journal of Materials Chemistry C, 2019, 7, 33-37.	5.5	18
53	The surprisingly high ligation energy of CO to ruthenium porphyrins. Physical Chemistry Chemical Physics, 2018, 20, 11730-11739.	2.8	7
54	The evolution of Titan's high-altitude aerosols under ultraviolet irradiation. Nature Astronomy, 2018, 2, 489-494.	10.1	14

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55	Photoexcitation circular dichroism in chiral molecules. <i>Nature Physics</i> , 2018, 14, 484-489.	16.7	145
56	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
57	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
58	Isomer Identification in Flames with Double-Imaging Photoelectron/Photoion Coincidence Spectroscopy (2PEPICO) using Measured and Calculated Reference Photoelectron Spectra. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 153-187.	2.8	23
59	FUV Photoionization of Titan Atmospheric Aerosols. <i>Astrophysical Journal</i> , 2018, 867, 164.	4.5	7
60	Electron asymmetries in the photoionization of chiral molecules: possible astrophysical implications. <i>Advances in Physics: X</i> , 2018, 3, 1477530.	4.1	26
61	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
62	Chemical kinetics in an atmospheric pressure helium plasma containing humidity. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24263-24286.	2.8	62
63	New insights onto dissociation of state-selected O_2^+ ions investigated by double imaging photoelectron photoion coincidence: The superimposed $3\sigma_u$ and $4\sigma_u$ inner-valence states. <i>Journal of Chemical Physics</i> , 2018, 148, 124309.	3.0	10
64	Radical Anions of Oxidized vs. Reduced Oxytocin: Influence of Disulfide Bridges on CID and Vacuum UV Photo-Fragmentation. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1826-1834.	2.8	0
65	Unveiling the complex vibronic structure of the canonical adenine cation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20756-20765.	2.8	14
66	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
67	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
68	Light on Chirality: Absolute Asymmetric Formation of Chiral Molecules Relevant in Prebiotic Evolution. <i>ChemPlusChem</i> , 2017, 82, 74-87.	2.8	32
69	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
70	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
71	An imaging photoelectron-photoion coincidence investigation of homochiral 2R,3R-butanediol clusters. <i>Journal of Chemical Physics</i> , 2017, 147, 013937.	3.0	9
72	Double Imaging Photoelectron Photoion Coincidence Sheds New Light on the Dissociation of State-Selected CH_3F^+ Ions. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5763-5772.	2.5	8

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73	Size Effect in the Ionization Energy of PAH Clusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3697-3702.	4.6	40
74	Photoelectron angular distributions from rotationally resolved autoionizing states of N ₂ . <i>Journal of Chemical Physics</i> , 2017, 147, 224303.	3.0	3
75	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
76	VUV PHOTO-PROCESSING OF PAH CATIONS: QUANTITATIVE STUDY ON THE IONIZATION VERSUS FRAGMENTATION PROCESSES. <i>Astrophysical Journal</i> , 2016, 822, 113.	4.5	61
77	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
78	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
79	Photoionisation study of Xe.CF ₄ and Kr.CF ₄ van-der-Waals molecules. <i>Journal of Chemical Physics</i> , 2016, 144, 184305.	3.0	1
80	Ribose and related sugars from ultraviolet irradiation of interstellar ice analogs. <i>Science</i> , 2016, 352, 208-212.	12.6	230
81	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
82	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
83	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
84	Molecular Isomer Identification of Titan'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
85	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
86	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
87	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
88	Probing ultrafast dynamics of chiral molecules using time-resolved photoelectron circular dichroism. <i>Faraday Discussions</i> , 2016, 194, 325-348.	3.2	65
89	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
90	Single-Photon, Double Photodetachment of Nickel Phthalocyanine Tetrasulfonic Acid 4- Anions. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2586-2590.	4.6	0

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91	The high-resolution absorption spectroscopy branch on the VUV beamline DESIRS at SOLEIL. Journal of Synchrotron Radiation, 2016, 23, 887-900.	2.4	36
92	DISSOCIATIVE PHOTOIONIZATION OF POLYCYCLIC AROMATIC HYDROCARBON MOLECULES CARRYING AN ETHYNYL GROUP. Astrophysical Journal, 2015, 810, 114.	4.5	10
93	Vacuum upgrade and enhanced performances of the double imaging electron/ion coincidence end-station at the vacuum ultraviolet beamline DESIRS. Review of Scientific Instruments, 2015, 86, 123108.	1.3	94
94	VUV action spectroscopy of protonated leucine-enkephalin peptide in the 6-14 eV range. Journal of Chemical Physics, 2015, 143, 244311.	3.0	10
95	Photoinduced fragmentation of gas-phase protonated leucine- enkephalin peptide in the VUV range. Journal of Physics: Conference Series, 2015, 635, 012034.	0.4	2
96	Photodissociation of protonated Leucine-Enkephalin peptide in the VUV range. Journal of Physics: Conference Series, 2015, 635, 112030.	0.4	0
97	Valence shell one-photon photoelectron circular dichroism in chiral systems. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 322-334.	1.7	98
98	Electron ionization, photoionization and photoelectron/photoion coincidence spectroscopy in mass-spectrometric investigations of a low-pressure ethylene/oxygen flame. Proceedings of the Combustion Institute, 2015, 35, 779-786.	3.9	58
99	Vibrationally Resolved Photoelectron Spectroscopy of Electronic Excited States of DNA Bases: Application to the π^* State of Thymine Cation. Journal of Physical Chemistry A, 2015, 119, 1146-1153.	2.5	13
100	CH_3^+ Formation in the Dissociation of Energy-Selected CH_3F^+ Studied by Double Imaging Electron/Ion Coincidences. Journal of Physical Chemistry A, 2015, 119, 5942-5950.	2.5	17
101	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
102	Threshold photoelectron spectroscopy of the imidogen radical. Journal of Electron Spectroscopy and Related Phenomena, 2015, 203, 25-30.	1.7	22
103	Adiabatic ionization energies of the overlapped A2A1 and B2E electronic states in $\text{CH}_3\text{Cl}^+/\text{CH}_3\text{F}^+$ measured with double imaging electron/ion coincidence. Physical Chemistry Chemical Physics, 2015, 17, 16858-16863.	2.8	10
104	Action spectroscopy of a protonated peptide in the ultraviolet range. Physical Chemistry Chemical Physics, 2015, 17, 25725-25733.	2.8	26
105	Gas-phase VUV photoionisation and photofragmentation of the silver deuteride nanocluster $[\text{Ag}_{10}\text{D}_8\text{L}_6]^2+$ (L = bis(diphenylphosphino)methane). A joint experimental and theoretical study. Physical Chemistry Chemical Physics, 2015, 17, 25772-25777.	2.8	25
106	Isotope effects in resonant two-color photoionization of Xe in the region of the $5p^5(^2P_{1/2})4f^5$ autoionizing state. New Journal of Physics, 2015, 17, 043054.	2.9	5
107	Anisotropy-Guided Enantiomeric Enhancement in Alanine Using Far-UV Circularly Polarized Light. Origins of Life and Evolution of Biospheres, 2015, 45, 149-161.	1.9	14
108	Synchrotron-based double imaging photoelectron/photoion coincidence spectroscopy of radicals produced in a flow tube: OH and OD. Journal of Chemical Physics, 2015, 142, 164201.	3.0	60

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109	LABORATORY PHOTO-CHEMISTRY OF PAHs: IONIZATION VERSUS FRAGMENTATION. <i>Astrophysical Journal Letters</i> , 2015, 804, L7.	8.3	49
110	VUV-synchrotron absorption studies of N ₂ and CO at 900K. <i>Journal of Molecular Spectroscopy</i> , 2015, 315, 137-146.	1.2	10
111	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
112	A table-top ultrashort light source in the extreme ultraviolet for circular dichroism experiments. <i>Nature Photonics</i> , 2015, 9, 93-98.	31.4	217
113	Dissociative VUV photoionization of butanediol isomers. <i>International Journal of Mass Spectrometry</i> , 2015, 376, 46-53.	1.5	4
114	The origin of biomolecular asymmetry – Insights from cometary and meteoritic matter. <i>BIO Web of Conferences</i> , 2014, 2, 03009.	0.2	1
115	Photonenergy- Controlled Symmetry Breaking with Circularly Polarized Light. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 210-214.	13.8	95
116	Contribution of synchrotron radiation to photoactivation studies of biomolecular ions in the gas phase. <i>Mass Spectrometry Reviews</i> , 2014, 33, 424-441.	5.4	35
117	HIGH-RESOLUTION OSCILLATOR STRENGTH MEASUREMENTS OF THE $\nu = 0, 1$ BANDS OF THE B-X, C-X, AND E-X SYSTEMS IN FIVE ISOTOPOLOGUES OF CARBON MONOXIDE. <i>Astrophysical Journal</i> , 2014, 788, 67.	4.5	29
118	Photoionization of cold gas phase coronene and its clusters: Autoionization resonances in monomer, dimer, and trimer and electronic structure of monomer cation. <i>Journal of Chemical Physics</i> , 2014, 141, 164325.	3.0	27
119	A photoionization investigation of small, homochiral clusters of glycidol using circularly polarized radiation and velocity map electron-ion coincidence imaging. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 467-476.	2.8	35
120	Photoelectron-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
121	Photoelectron circular dichroism and spectroscopy of trifluoromethyl- and methyl-oxirane: a comparative study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16214.	2.8	30
122	Multiple Electron Ejection from Proteins Resulting from Single-Photon Excitation in the Valence Shell. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1666-1671.	4.6	2
123	Excited electronic states of thiophene: high resolution photoabsorption Fourier transform spectroscopy and ab initio calculations. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21629-21644.	2.8	27
124	VUV photofragmentation of protonated leucine-enkephalin peptide dimer below ionization energy. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	7
125	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
126	ENANTIOMERIC EXCESSES INDUCED IN AMINO ACIDS BY ULTRAVIOLET CIRCULARLY POLARIZED LIGHT IRRADIATION OF EXTRATERRESTRIAL ICE ANALOGS: A POSSIBLE SOURCE OF ASYMMETRY FOR PREBIOTIC CHEMISTRY. <i>Astrophysical Journal</i> , 2014, 788, 79.	4.5	100

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127	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
128	Vacuum Ultraviolet Action Spectroscopy of Polysaccharides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1271-1279.	2.8	8
129	Slow Photoelectron Spectroscopy of 3-Hydroxyisoquinoline. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8095-8102.	2.5	18
130	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
131	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
132	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
133	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
134	High resolution spectroscopy and perturbation analysis of the CO A ¹ Σ^+ (0,0) and (1,0) bands. <i>Molecular Physics</i> , 2013, 111, 2163-2174.	1.7	29
135	Vibrationally induced inversion of photoelectron forward-backward asymmetry in chiral molecule photoionization by circularly polarized light. <i>Nature Communications</i> , 2013, 4, 2132.	12.8	108
136	Valence shell direct double photodetachment in polyanions. <i>New Journal of Physics</i> , 2013, 15, 063024.	2.9	4
137	VUV photoionization of gas phase adenine and cytosine: A comparison between oven and aerosol vaporization. <i>Journal of Chemical Physics</i> , 2013, 138, 094203.	3.0	30
138	The effect of autoionization on the N ₂ ⁺ X ² Σ^+ (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	Complete determination of the state of elliptically polarized light by electron-ion vector correlations. <i>Physical Review A</i> , 2013, 88, .	2.5	16
140	DELICIOUS III: A multipurpose double imaging particle coincidence spectrometer for gas phase vacuum ultraviolet photodynamics studies. <i>Review of Scientific Instruments</i> , 2013, 84, 053112.	1.3	158
141	Application of VUV synchrotron radiation to proteomic and analytical mass spectrometry. <i>Journal of Physics: Conference Series</i> , 2013, 425, 122001.	0.4	2
142	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
143	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
144	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

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146	$A \times X$ CO < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mrow> < mml:mi>A</mml:mi> < mml:mpace width="0.16em" /> < mml:mo>âˆ™</mml:mo> < mml:mpace width="0.16em" /> < mml:mi>X</mml:mi> </mml:mrow> </mml:math> system for constraining cosmological drift of the proton-electron mass ratio. <i>Physical Review A</i> , 2012, 86, .	2.5	34
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