

# Gustavo A Garcia

## List of Publications by Year in descending order

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142  
papers

4,670  
citations

117625

34  
h-index

114465

63  
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145  
all docs

145  
docs citations

145  
times ranked

2554  
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	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
3	Accounting for molecular flexibility in photoionization: case of <i>tert</i> -butyl hydroperoxide. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10826-10837.	2.8	3
4	Photoionization spectroscopy of the SiH free radical in the vacuum-ultraviolet range. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	4
5	Characterisation of the first electronically excited state of protonated acetylene C <sub>2</sub> H <sub>3</sub> <sup>+</sup> by coincident imaging photoelectron spectroscopy. <i>Molecular Physics</i> , 2021, 119, e1825851.	1.7	4
6	Valence-shell photoelectron circular dichroism of ruthenium( <i>iii</i> )-tris-(acetylacetonato) gas-phase enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 24140-24153.	2.8	6
7	Dissociation of High-Lying Electronic States of NO <sub>2</sub> <sup>+</sup> in the 15.5–20 eV Region. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1517-1525.	2.5	2
8	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
9	Resolving the F <sub>2</sub> bond energy discrepancy using coincidence ion pair production (cipp) spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8292-8299.	2.8	9
10	Photoionization Cross Section of the NH <sub>2</sub> Free Radical in the 11.1–15.7 eV Energy Range. <i>Journal of Physical Chemistry A</i> , 2021, 125, 2764-2769.	2.5	4
11	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
12	Photoelectron Spectroscopy of the Water Dimer Reveals Unpredicted Vibrational Structure. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4882-4887.	2.5	3
13	Conformer-dependent vacuum ultraviolet photodynamics and chiral asymmetries in pure enantiomers of gas phase proline. <i>Communications Chemistry</i> , 2021, 4, .	4.5	20
14	Threshold Photoelectron Spectroscopy of the CH <sub>2</sub> I, CHI, and CI Radicals. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6122-6130.	2.5	1
15	High resolution threshold photoelectron spectrum and autoionization processes of S <sub>2</sub> up to 15.0 eV. <i>Journal of Molecular Spectroscopy</i> , 2021, 381, 111533.	1.2	3
16	Threshold photoelectron spectroscopy of 9-methyladenine: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2021, , .	2.8	4
17	Jet-Stirred Reactor Study of Low-Temperature Neopentane Oxidation: A Combined Theoretical, Chromatographic, Mass Spectrometric, and PEPICO Analysis. <i>Energy &amp; Fuels</i> , 2021, 35, 19689-19704.	5.1	12
18	High resolution vibronic state-specific dissociation of NO <sub>2</sub> <sup>+</sup> 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

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19	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
20	Photoelectron spectroscopy of boron-containing reactive intermediates using synchrotron radiation: BH <sub>2</sub> , BH, and BF. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1027-1034.	2.8	11
21	State-to-state dissociative photoionization of molecular nitrogen: the full story. <i>Advances in Physics: X</i> , 2020, 5, 1831955.	4.1	4
22	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
23	Threshold photoelectron spectroscopy of the methoxy radical. <i>Journal of Chemical Physics</i> , 2020, 153, 031101.	3.0	9
24	Identifying isomers of peroxy radicals in the gas phase: 1-C <sub>3</sub> H <sub>7</sub> O <sub>2</sub> vs. 2-C <sub>3</sub> H <sub>7</sub> O <sub>2</sub> . <i>Chemical Communications</i> , 2020, 56, 15525-15528.	4.1	12
25	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
26	Threshold photoelectron spectroscopy of the HO <sub>2</sub> radical. <i>Journal of Chemical Physics</i> , 2020, 153, 124306.	3.0	7
27	Experimental and Theoretical Investigation of the 3sp(d) Rydberg States of Fenchone by Polarized Laser Resonance-Enhanced Multiphoton Ionization and Fourier Transform VUV Absorption Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 2468-2483.	2.1	7
28	High-resolution vacuum ultraviolet photodynamic of the nitrogen dioxide dimer (NO <sub>2</sub> ) <sub>2</sub> and the stability of its cation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21068-21073.	2.8	3
29	Quasi-symmetry effects in the threshold photoelectron spectrum of methyl isocyanate. <i>Journal of Chemical Physics</i> , 2020, 153, 074308.	3.0	0
30	VUV photoionization of the CH <sub>2</sub> NC radical: adiabatic ionization energy and cationic vibrational mode wavenumber determinations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12496-12501.	2.8	7
31	Photoionization of C <sub>4</sub> H <sub>5</sub> Isomers. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6050-6060.	2.5	4
32	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
33	To see C <sub>2</sub> : Single-photon ionization of the dicarbon molecule. <i>Journal of Chemical Physics</i> , 2020, 152, 041105.	3.0	7
34	Signature of a conical intersection in the dissociative photoionization of formaldehyde. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12886-12893.	2.8	3
35	VUV photoionization dynamics of the C <sub>60</sub> buckminsterfullerene: 2D-matrix photoelectron spectroscopy in an astrophysical context. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13880-13892.	2.8	8
36	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

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37	Vibronic structure of the cyanobutadiyne cation. I. VUV photoionization study of HC <sub>5</sub> N. Journal of Chemical Physics, 2019, 150, 244304.	3.0	1
38	Interfacial Charge Transfer Transitions in Colloidal TiO <sub>2</sub> 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
39	Threshold Photoelectron Spectrum of the Anilino Radical. Journal of Physical Chemistry A, 2019, 123, 9193-9198.	2.5	11
40	Valence-Shell Photoionization of C <sub>4</sub> H <sub>5</sub> : The 2-Butyn-1-yl Radical. Journal of Physical Chemistry A, 2019, 123, 1521-1528.	2.5	11
41	Origin band of the first photoionizing transition of hydrogen isocyanide. Physical Chemistry Chemical Physics, 2019, 21, 2337-2344.	2.8	6
42	Threshold photoelectron spectrum of the CH <sub>2</sub> OO Criegee intermediate. Physical Chemistry Chemical Physics, 2019, 21, 12763-12766.	2.8	14
43	Quantifying the photoionization cross section of the hydroxyl radical. Journal of Chemical Physics, 2019, 150, 141103.	3.0	6
44	Isotope Effects in the Predissociation of Excited States of N <sub>2</sub> <sup>+</sup> Produced by Photoionization of <sup>14</sup> N <sub>2</sub> and <sup>15</sup> N <sub>2</sub> at Energies Between 24.2 and 25.6 eV. Frontiers in Chemistry, 2019, 7, 222.	3.6	7
45	Revisiting the spectroscopy of xanthine derivatives: theobromine and theophylline. Physical Chemistry Chemical Physics, 2019, 21, 26430-26437.	2.8	7
46	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
47	Valence shell threshold photoelectron spectroscopy of C <sub>3</sub> H <sub>x</sub> ( <i>x</i> = 1-4). Journal of Physical Chemistry A, 2018, 122, 10784-10791.	2.8	22
48	The surprisingly high ligation energy of CO to ruthenium porphyrins. Physical Chemistry Chemical Physics, 2018, 20, 11730-11739.	2.8	7
49	Photoexcitation circular dichroism in chiral molecules. Nature Physics, 2018, 14, 484-489.	16.7	145
50	Renner-Teller effects in the photoelectron spectra of CNC, CCN, and HCCN. Journal of Chemical Physics, 2018, 148, 054302.	3.0	9
51	Intense Vibronic Modulation of the Chiral Photoelectron Angular Distribution Generated by Photoionization of Limonene Enantiomers with Circularly Polarized Synchrotron Radiation. ChemPhysChem, 2018, 19, 921-933.	2.1	17
52	Isomer Identification in Flames with Double-Imaging Photoelectron/Photoion Coincidence Spectroscopy ( <sup>2</sup> PEPICO) using Measured and Calculated Reference Photoelectron Spectra. Zeitschrift Fur Physikalische Chemie, 2018, 232, 153-187.	2.8	23
53	FUV Photoionization of Titan Atmospheric Aerosols. Astrophysical Journal, 2018, 867, 164.	4.5	7
54	Experimental and theoretical threshold photoelectron spectra of methylene. Journal of Chemical Physics, 2018, 149, 224304.	3.0	9

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55	Diborene: Generation and Photoelectron Spectroscopy of an Inorganic Biradical. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5921-5925.	4.6	19
56	Electron asymmetries in the photoionization of chiral molecules: possible astrophysical implications. <i>Advances in Physics: X</i> , 2018, 3, 1477530.	4.1	26
57	New insights onto dissociation of state-selected O <sub>2</sub> <sup>+</sup> ions investigated by double imaging photoelectron photoion coincidence: The superimposed 3 $\sigma$ and $\sigma^*$ inner-valence states. <i>Journal of Chemical Physics</i> , 2018, 148, 124309.	3.0	10
58	Unveiling the complex vibronic structure of the canonical adenine cation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20756-20765.	2.8	14
59	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
60	Communication: On the first ionization threshold of the C <sub>2</sub> H radical. <i>Journal of Chemical Physics</i> , 2017, 146, 011101.	3.0	8
61	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
62	Valence shell threshold photoelectron spectroscopy of the CH <sub>3</sub> CN ( $\nu = 0-2$ ) and CNC radicals. <i>Journal of Chemical Physics</i> , 2017, 147, 013908.	3.0	14
63	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
64	An imaging photoelectron-photoion coincidence investigation of homochiral 2R,3R-butanediol clusters. <i>Journal of Chemical Physics</i> , 2017, 147, 013937.	3.0	9
65	Double Imaging Photoelectron Photoion Coincidence Sheds New Light on the Dissociation of State-Selected CH <sub>3</sub> <sup>+</sup> Ions. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5763-5772.	2.5	8
66	Size Effect in the Ionization Energy of PAH Clusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3697-3702.	4.6	40
67	Unveiling the Ionization Energy of the CN Radical. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4038-4042.	4.6	12
68	Photoelectron angular distributions from rotationally resolved autoionizing states of N <sub>2</sub> . <i>Journal of Chemical Physics</i> , 2017, 147, 224303.	3.0	3
69	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
70	Synchrotron-based valence shell photoionization of CH radical. <i>Journal of Chemical Physics</i> , 2016, 144, 204307.	3.0	19
71	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
72	Photoionisation study of Xe.CF <sub>4</sub> and Kr.CF <sub>4</sub> van-der-Waals molecules. <i>Journal of Chemical Physics</i> , 2016, 144, 184305.	3.0	1

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73	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
74	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
75	Double imaging photoelectron photoion coincidence sheds new light on the dissociation of energy-selected $\text{CH}_3^+\text{Cl}^+$ ions. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23923-23931.	2.8	11
76	Molecular Isomer Identification of Titan <sup>+</sup> '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
77	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
78	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
79	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
80	Probing ultrafast dynamics of chiral molecules using time-resolved photoelectron circular dichroism. <i>Faraday Discussions</i> , 2016, 194, 325-348.	3.2	65
81	DISSOCIATIVE PHOTOIONIZATION OF POLYCYCLIC AROMATIC HYDROCARBON MOLECULES CARRYING AN ETHYNYL GROUP. <i>Astrophysical Journal</i> , 2015, 810, 114.	4.5	10
82	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
83	Ionization of $\text{Kr.CF}_4$ and $\text{Xe.CF}_4$ van der Waals clusters: from face to vertex geometry. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112056.	0.4	0
84	Valence shell one-photon photoelectron circular dichroism in chiral systems. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 204, 322-334.	1.7	98
85	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
86	Vibrationally Resolved Photoelectron Spectroscopy of Electronic Excited States of DNA Bases: Application to the $\sigma^*$ State of Thymine Cation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1146-1153.	2.5	13
87	$\text{CH}_3^+\text{F}^+$ Formation in the Dissociation of Energy-Selected $\text{CH}_3^+\text{F}^+$ Studied by Double Imaging Electron/Ion Coincidences. <i>Journal of Physical Chemistry A</i> , 2015, 119, 5942-5950.	2.5	17
88	Threshold photoelectron spectroscopy of the imidogen radical. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 203, 25-30.	1.7	22
89	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. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16858-16863.	2.8	10
90	Isotope effects in resonant two-color photoionization of Xe in the region of the $5p^5(2P_{1/2})4f^5[5/2]2^2$ autoionizing state. <i>New Journal of Physics</i> , 2015, 17, 043054.	2.9	5

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91	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
92	Assignment of high-lying bending mode levels in the threshold photoelectron spectrum of NH <sub>2</sub> : a comparison between pyrolysis and fluorine-atom abstraction radical sources. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19507-19514.	2.8	12
93	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
94	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
95	Dissociative VUV photoionization of butanediol isomers. <i>International Journal of Mass Spectrometry</i> , 2015, 376, 46-53.	1.5	4
96	Ionization photophysics and spectroscopy of cyanoacetylene. <i>Journal of Chemical Physics</i> , 2014, 140, 174305.	3.0	18
97	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
98	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
99	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
100	Vacuum Ultraviolet Photoionization Study of Gas Phase Vitamins A and B1 Using Aerosol Thermodesorption and Synchrotron Radiation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 11185-11192.	2.5	10
101	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
102	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
103	Slow Photoelectron Spectroscopy of 3-Hydroxyisoquinoline. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8095-8102.	2.5	18
104	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
105	Chiral Asymmetry in the Photoionization of Gas-Phase Amino-Acid Alanine at Lyman- $\alpha$ Radiation Wavelength. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2698-2704.	4.6	49
106	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
107	Ionization photophysics and spectroscopy of dicyanoacetylene. <i>Journal of Chemical Physics</i> , 2013, 139, 184304.	3.0	9
108	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

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109	The effect of autoionization on the $N_{2^+}X_{2^+}g^+$ 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
110	Complete determination of the state of elliptically polarized light by electron-ion vector correlations. <i>Physical Review A</i> , 2013, 88, .	2.5	16
111	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
112	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
113	Synchrotron infrared confocal microscope: Application to infrared 3D spectral imaging. <i>Journal of Physics: Conference Series</i> , 2013, 425, 142002.	0.4	9
114	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
115	State-Selected Unimolecular Decomposition of $\hat{I}$ -Valerolactam and $\hat{I}$ -Valerolactam $_2^+$ Cations: Theory and Experiment. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8706-8712.	2.5	10
116	VUV photoionization of acetamide studied by electron/ion coincidence spectroscopy in the 8–24 eV photon energy range. <i>Chemical Physics</i> , 2012, 393, 107-116.	1.9	9
117	DESIRS: a state-of-the-art VUV beamline featuring high resolution and variable polarization for spectroscopy and dichroism at SOLEIL. <i>Journal of Synchrotron Radiation</i> , 2012, 19, 508-520.	2.4	283
118	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
119	Absolute Photoionization Cross Section of the Ethyl Radical in the Range 8–11.5 eV: Synchrotron and Vacuum Ultraviolet Laser Measurements. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5387-5396.	2.5	37
120	Photoionization of Propargyl and Bromopropargyl Radicals: A Threshold Photoelectron Spectroscopic Study. <i>Journal of Physical Chemistry A</i> , 2011, 115, 2225-2230.	2.5	40
121	Slow Photoelectron Spectroscopy of $\hat{I}$ -Valerolactam and Its Dimer. <i>ChemPhysChem</i> , 2011, 12, 1822-1832.	2.1	18
122	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
123	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
124	Determination of the Absolute Photoionization Cross Sections of $CH_3$ and I Produced from a Pyrolysis Source, by Combined Synchrotron and Vacuum Ultraviolet Laser Studies. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3237-3246.	2.5	56
125	Photoelectron Circular Dichroism Spectroscopy in an Orbitally Congested System: The Terpene Endoborneol. <i>Journal of Physical Chemistry A</i> , 2010, 114, 847-853.	2.5	32
126	Threshold Photoelectron Spectroscopy of Cyclopropenylidene, Chlorocyclopropenylidene, and Their Deuterated Isotopomers. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11269-11276.	2.5	25



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127	Threshold Photoelectron Spectroscopy of the Methyl Radical Isotopomers, CH <sub>3</sub> , CH <sub>2</sub> D, CHD <sub>2</sub> and CD <sub>3</sub> : Synergy between VUV Synchrotron Radiation Experiments and Explicitly Correlated Coupled Cluster Calculations. <i>Journal of Physical Chemistry A</i> , 2010, 114, 4818-4830.	2.5	88
128	Photoionization of 2-pyridone and 2-hydroxypyridine. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3566.	2.8	123
129	A versatile electron-ion coincidence spectrometer for photoelectron momentum imaging and threshold spectroscopy on mass selected ions using synchrotron radiation. <i>Review of Scientific Instruments</i> , 2009, 80, 023102.	1.3	121
130	The photoionisation of two phenylcarbenes and their diazirine precursors investigated using synchrotron radiation. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5384.	2.8	13
131	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
132	Chiral signatures in angle-resolved valence photoelectron spectroscopy of pure glycidol enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1628.	2.8	52
133	Determination of chiral asymmetries in the valence photoionization of camphor enantiomers by photoelectron imaging using tunable circularly polarized light. <i>Journal of Chemical Physics</i> , 2006, 125, 114309.	3.0	99
134	High spatial resolution two-dimensional position sensitive detector for the performance of coincidence experiments. <i>Review of Scientific Instruments</i> , 2005, 76, 043302.	1.3	21
135	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
136	Photoelectron circular dichroism in core level ionization of randomly oriented pure enantiomers of the chiral molecule camphor. <i>Journal of Chemical Physics</i> , 2004, 120, 4553-4556.	3.0	84
137	Two-dimensional charged particle image inversion using a polar basis function expansion. <i>Review of Scientific Instruments</i> , 2004, 75, 4989-4996.	1.3	607
138	Circular dichroism in the photoelectron angular distribution from randomly oriented enantiomers of camphor. <i>Journal of Chemical Physics</i> , 2003, 119, 8781-8784.	3.0	102
139	Near-threshold photoionization spectroscopy of the mono-terpenes limonene and carvone. <i>International Journal of Mass Spectrometry</i> , 2003, 225, 261-270.	1.5	30
140	Valence and C 1s core level photoelectron spectra of camphor. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 125, 197-203.	1.7	24
141	Ionization Energy of CF <sub>3</sub> Deduced from Photoionization of Jet-Cooled CF <sub>3</sub> Br. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8296-8301.	2.5	44
142	Coincidence ion pair production (cipp) spectroscopy of diiodine. <i>Physical Chemistry Chemical Physics</i> , 0, , .	2.8	0