

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
g-index

145
all docs

145
docs citations

145
times ranked

2554
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	A table-top ultrashort light source in the extreme ultraviolet for circular dichroism experiments. Nature Photonics, 2015, 9, 93-98.	31.4	217
4	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
5	Photoexcitation circular dichroism in chiral molecules. Nature Physics, 2018, 14, 484-489.	16.7	145
6	Photoionization of 2-pyridone and 2-hydroxypyridine. Physical Chemistry Chemical Physics, 2010, 12, 3566.	2.8	123
7	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
8	Vibrationally induced inversion of photoelectron forward-backward asymmetry in chiral molecule photoionization by circularly polarized light. Nature Communications, 2013, 4, 2132.	12.8	108
9	Circular dichroism in the photoelectron angular distribution from randomly oriented enantiomers of camphor. Journal of Chemical Physics, 2003, 119, 8781-8784.	3.0	102
10	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
11	Valence shell one-photon photoelectron circular dichroism in chiral systems. Journal of Electron Spectroscopy and Related Phenomena, 2015, 204, 322-334.	1.7	98
12	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
13	Threshold Photoelectron Spectroscopy of the Methyl Radical Isotopomers, CH ₃ , CH ₂ D, CHD ₂ and CD ₃ : Synergy between VUV Synchrotron Radiation Experiments and Explicitly Correlated Coupled Cluster Calculations. Journal of Physical Chemistry A, 2010, 114, 4818-4830.	2.5	88
14	Photoelectron circular dichroism in core level ionization of randomly oriented pure enantiomers of the chiral molecule camphor. Journal of Chemical Physics, 2004, 120, 4553-4556.	3.0	84
15	Determination of accurate electron chiral asymmetries in fenchone and camphor in the VUV range: sensitivity to isomerism and enantiomeric purity. Physical Chemistry Chemical Physics, 2016, 18, 12696-12706.	2.8	80
16	Photoelectron-photoion coincidence spectroscopy for multiplexed detection of intermediate species in a flame. Physical Chemistry Chemical Physics, 2014, 16, 22791-22804.	2.8	74
17	A refocusing modified velocity map imaging electron/ion spectrometer adapted to synchrotron radiation studies. Review of Scientific Instruments, 2005, 76, 053302.	1.3	68
18	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. Physical Chemistry Chemical Physics, 2011, 13, 7024.	2.8	68

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19	Probing ultrafast dynamics of chiral molecules using time-resolved photoelectron circular dichroism. <i>Faraday Discussions</i> , 2016, 194, 325-348.	3.2	65
20	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
21	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
22	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
23	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
24	Chiral signatures in angle-resolved valence photoelectron spectroscopy of pure glycidol enantiomers. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1628.	2.8	52
25	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
26	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
27	Ionization Energy of CF ₃ Deduced from Photoionization of Jet-Cooled CF ₃ Br. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8296-8301.	2.5	44
28	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
29	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
30	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
31	Size Effect in the Ionization Energy of PAH Clusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3697-3702.	4.6	40
32	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
33	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
34	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
35	Photoelectron Circular Dichroism Spectroscopy in an Orbital Congested System: The Terpene Endoborneol. <i>Journal of Physical Chemistry A</i> , 2010, 114, 847-853.	2.5	32
36	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

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37	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
38	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
39	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
40	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
41	Electron asymmetries in the photoionization of chiral molecules: possible astrophysical implications. <i>Advances in Physics: X</i> , 2018, 3, 1477530.	4.1	26
42	Threshold Photoelectron Spectroscopy of Cyclopropenylidene, Chlorocyclopropenylidene, and Their Deuterated Isotopomers. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11269-11276.	2.5	25
43	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
44	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
45	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
46	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
47	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
48	Isomer Identification in Flames with Double-Imaging Photoelectron/Photoion Coincidence Spectroscopy (² PEPICO) using Measured and Calculated Reference Photoelectron Spectra. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 153-187.	2.8	23
49	Threshold photoelectron spectroscopy of the imidogen radical. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 203, 25-30.	1.7	22
50	Valence shell threshold photoelectron spectroscopy of C ₃ H _x (<i>x</i> =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	22
51	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
52	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
53	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
54	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

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55	Conformer-dependent vacuum ultraviolet photodynamics and chiral asymmetries in pure enantiomers of gas phase proline. <i>Communications Chemistry</i> , 2021, 4, .	4.5	20
56	Synchrotron-based valence shell photoionization of CH radical. <i>Journal of Chemical Physics</i> , 2016, 144, 204307.	3.0	19
57	Diborene: Generation and Photoelectron Spectroscopy of an Inorganic Biradical. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5921-5925.	4.6	19
58	Slow Photoelectron Spectroscopy of $\hat{\text{r}}\hat{\text{a}}\hat{\text{e}}\hat{\text{v}}$ Valerolactam and Its Dimer. <i>ChemPhysChem</i> , 2011, 12, 1822-1832.	2.1	18
59	Slow Photoelectron Spectroscopy of 3-Hydroxyisoquinoline. <i>Journal of Physical Chemistry A</i> , 2013, 117, 8095-8102.	2.5	18
60	Ionization photophysics and spectroscopy of cyanoacetylene. <i>Journal of Chemical Physics</i> , 2014, 140, 174305.	3.0	18
61	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
62	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
63	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
64	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
65	Complete determination of the state of elliptically polarized light by electron-ion vector correlations. <i>Physical Review A</i> , 2013, 88, .	2.5	16
66	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
67	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
68	Valence shell threshold photoelectron spectroscopy of the CH _x CN ($x = 0-2$) and CNC radicals. <i>Journal of Chemical Physics</i> , 2017, 147, 013908.	3.0	14
69	Unveiling the complex vibronic structure of the canonical adenine cation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20756-20765.	2.8	14
70	Threshold photoelectron spectrum of the CH ₂ OO Criegee intermediate. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 12763-12766.	2.8	14
71	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
72	Vibrationally Resolved Photoelectron Spectroscopy of Electronic Excited States of DNA Bases: Application to the $\hat{\text{r}}\hat{\text{a}}\hat{\text{f}}$ State of Thymine Cation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1146-1153.	2.5	13

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73	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
74	Assignment of high-lying bending mode levels in the threshold photoelectron spectrum of NH ₂ : a comparison between pyrolysis and fluorine-atom abstraction radical sources. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19507-19514.	2.8	12
75	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
76	Unveiling the Ionization Energy of the CN Radical. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4038-4042.	4.6	12
77	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
78	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
79	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
80	Threshold Photoelectron Spectrum of the Anilino Radical. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9193-9198.	2.5	11
81	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
82	Photoelectron spectroscopy of boron-containing reactive intermediates using synchrotron radiation: BH ₂ , BH, and BF. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1027-1034.	2.8	11
83	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
84	State-Selected Unimolecular Decomposition of Î-Valerolactam ⁺ and Î-Valerolactam ₂ ⁺ Cations: Theory and Experiment. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8706-8712.	2.5	10
85	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
86	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
87	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
88	DISSOCIATIVE PHOTOIONIZATION OF POLYCYCLIC AROMATIC HYDROCARBON MOLECULES CARRYING AN ETHYNYL GROUP. <i>Astrophysical Journal</i> , 2015, 810, 114.	4.5	10
89	Adiabatic ionization energies of the overlapped A2A1 and B2E electronic states in CH ₃ Cl ⁺ /CH ₃ F ⁺ measured with double imaging electron/ion coincidence. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16858-16863.	2.8	10
90	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

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91	New insights onto dissociation of state-selected O ₂ ⁺ ions investigated by double imaging photoelectron photoion coincidence: The superimposed 3 ² Σ ⁺ and 4 ¹ Σ ⁺ inner-valence states. <i>Journal of Chemical Physics</i> , 2018, 148, 124309.	3.0	10
92	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
93	Ionization photophysics and spectroscopy of dicyanoacetylene. <i>Journal of Chemical Physics</i> , 2013, 139, 184304.	3.0	9
94	Synchrotron infrared confocal microscope: Application to infrared 3D spectral imaging. <i>Journal of Physics: Conference Series</i> , 2013, 425, 142002.	0.4	9
95	An imaging photoelectron-photoion coincidence investigation of homochiral 2R,3R-butanediol clusters. <i>Journal of Chemical Physics</i> , 2017, 147, 013937.	3.0	9
96	Renner-Teller effects in the photoelectron spectra of CNC, CCN, and HCCN. <i>Journal of Chemical Physics</i> , 2018, 148, 054302.	3.0	9
97	Experimental and theoretical threshold photoelectron spectra of methylene. <i>Journal of Chemical Physics</i> , 2018, 149, 224304.	3.0	9
98	Threshold photoelectron spectroscopy of the methoxy radical. <i>Journal of Chemical Physics</i> , 2020, 153, 031101.	3.0	9
99	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
100	Resolving the F ₂ bond energy discrepancy using coincidence ion pair production (cipp) spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8292-8299.	2.8	9
101	The effect of autoionization on the N ₂ ⁺ X ₂ ⁺ 1g ⁺ 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
102	Communication: On the first ionization threshold of the C ₂ H radical. <i>Journal of Chemical Physics</i> , 2017, 146, 011101.	3.0	8
103	Double Imaging Photoelectron Photoion Coincidence Sheds New Light on the Dissociation of State-Selected CH ₃ ⁺ Ions. <i>Journal of Physical Chemistry A</i> , 2017, 121, 5763-5772.	2.5	8
104	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
105	VUV photoionization dynamics of the C ₆₀ buckminsterfullerene: 2D-matrix photoelectron spectroscopy in an astrophysical context. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 13880-13892.	2.8	8
106	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
107	The surprisingly high ligation energy of CO to ruthenium porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11730-11739.	2.8	7
108	FUV Photoionization of Titan Atmospheric Aerosols. <i>Astrophysical Journal</i> , 2018, 867, 164.	4.5	7

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109	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
110	Revisiting the spectroscopy of xanthine derivatives: theobromine and theophylline. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 26430-26437.	2.8	7
111	Threshold photoelectron spectroscopy of the HO ₂ radical. <i>Journal of Chemical Physics</i> , 2020, 153, 124306.	3.0	7
112	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
113	VUV photoionization of the CH ₂ NC radical: adiabatic ionization energy and cationic vibrational mode wavenumber determinations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12496-12501.	2.8	7
114	To see C ₂ : Single-photon ionization of the dicarbon molecule. <i>Journal of Chemical Physics</i> , 2020, 152, 041105.	3.0	7
115	Origin band of the first photoionizing transition of hydrogen isocyanide. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2337-2344.	2.8	6
116	Quantifying the photoionization cross section of the hydroxyl radical. <i>Journal of Chemical Physics</i> , 2019, 150, 141103.	3.0	6
117	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
118	Isotope effects in resonant two-color photoionization of Xe in the region of the 5p ⁵ 2P _{1/2} 4f [5/2] ₂ autoionizing state. <i>New Journal of Physics</i> , 2015, 17, 043054.	2.9	5
119	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
120	Dissociative VUV photoionization of butanediol isomers. <i>International Journal of Mass Spectrometry</i> , 2015, 376, 46-53.	1.5	4
121	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
122	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
123	State-to-state dissociative photoionization of molecular nitrogen: the full story. <i>Advances in Physics: X</i> , 2020, 5, 1831955.	4.1	4
124	Photoionization of C ₄ H ₅ Isomers. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6050-6060.	2.5	4
125	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
126	Photoionization Cross Section of the NH ₂ 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

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127	Threshold photoelectron spectroscopy of 9-methyladenine: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2021, , .	2.8	4
128	Photoionization spectroscopy of the SiH free radical in the vacuum-ultraviolet range. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	4
129	Photoelectron angular distributions from rotationally resolved autoionizing states of N ₂ . <i>Journal of Chemical Physics</i> , 2017, 147, 224303.	3.0	3
130	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
131	Signature of a conical intersection in the dissociative photoionization of formaldehyde. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12886-12893.	2.8	3
132	Photoelectron Spectroscopy of the Water Dimer Reveals Unpredicted Vibrational Structure. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4882-4887.	2.5	3
133	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
134	Vacuum ultraviolet photochemistry of sulfuric acid vapor: A combined experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	2.8	3
135	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
136	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
137	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
138	Vibronic structure of the cyanobutadiyne cation. I. VUV photoionization study of HC ₅ N. <i>Journal of Chemical Physics</i> , 2019, 150, 244304.	3.0	1
139	Threshold Photoelectron Spectroscopy of the CH ₂ I, CHI, and CI Radicals. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6122-6130.	2.5	1
140	Ionization of Kr.CF ₄ and 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
141	Quasi-symmetry effects in the threshold photoelectron spectrum of methyl isocyanate. <i>Journal of Chemical Physics</i> , 2020, 153, 074308.	3.0	0
142	Coincidence ion pair production (cipp) spectroscopy of diiodine. <i>Physical Chemistry Chemical Physics</i> , 0, , .	2.8	0