Fabian Holzmeier

List of Publications by Year
in descending order

29	424	623188 14	794141 19
papers	citations	h-index	g-index

29	29	29	454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isomerâ€Selective Generation and Spectroscopic Characterization of Picolyl Radicals. Angewandte Chemie - International Edition, 2017, 56, 8000-8003.	7.2	30
2	Threshold Photoelectron Spectra of Combustion Relevant C₄H₅ and C₄H₇ Isomers. Journal of Physical Chemistry A, 2015, 119, 3995-4000.	1.1	28
3	Influence of shape resonances on the angular dependence of molecular photoionization delays. Nature Communications, 2021, 12, 7343.	5.8	27
4	H2CN+ and H2CNH+: New insight into the structure and dynamics from mass-selected threshold photoelectron spectra. Journal of Chemical Physics, 2013, 138, 214310.	1.2	25
5	Photoionization and Pyrolysis of a 1,4â€Azaborinine: Retroâ€Hydroboration in the Cation and Identification of Novel Organoboron Ring Systems. Chemistry - A European Journal, 2014, 20, 9683-9692.	1.7	22
6	Valence shell threshold photoelectron spectroscopy of C₃H_x (x =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	22
7	On the absolute photoionization cross section and dissociative photoionization of cyclopropenylidene. Physical Chemistry Chemical Physics, 2016, 18, 9240-9247.	1.3	20
8	Operando Photoelectron Photoion Coincidence Spectroscopy Unravels Mechanistic Fingerprints of Propane Activation by Catalytic Oxyhalogenation. Journal of Physical Chemistry Letters, 2020, 11, 856-863.	2.1	20
9	Synchrotron-based valence shell photoionization of CH radical. Journal of Chemical Physics, 2016, 144, 204307.	1.2	19
10	Observing Femtosecond Fragmentation Using Ultrafast X-ray-Induced Auger Spectra. Applied Sciences (Switzerland), 2017, 7, 681.	1.3	19
11	Diborene: Generation and Photoelectron Spectroscopy of an Inorganic Biradical. Journal of Physical Chemistry Letters, 2018, 9, 5921-5925.	2.1	19
12	Angle-resolved studies of XUVâ€“IR two-photon ionization in the RABBITT scheme. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 184007.	0.6	19
13	Pyrolysis of 3-Methoxypyridine. Detection and Characterization of the Pyrrolyl Radical by Threshold Photoelectron Spectroscopy. Journal of Physical Chemistry A, 2016, 120, 4702-4710.	1.1	18
14	Normal and resonant Auger spectroscopy of isocyanic acid, HNCO. Journal of Chemical Physics, 2018, 149, 034308.	1.2	16
15	Threshold Photoionization of Fluorenyl, Benzhydryl, Diphenylmethylene, and Their Dimers. Journal of Physical Chemistry A, 2013, 117, 5260-5268.	1.1	14
16	A photoionization study of 2-propyl and t-butyl radicals. Journal of Analytical and Applied Pyrolysis, 2017, 124, 454-460.	2.6	14
17	Assignment of high-lying bending mode levels in the threshold photoelectron spectrum of NH₂: a comparison between pyrolysis and fluorine-atom abstraction radical sources. Physical Chemistry Chemical Physics, 2015, 17, 19507-19514.	1.3	12
18	Control of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Dissociative Ionization in the Nonlinear Regime Using Vacuum Ultraviolet Free-Electron Laser Pulses. Physical Review Letters, 2018, 121, 103002.	2.9	10

#	Article	IF	Citations
19	Decomposition of Diazomeldrumâ€™s Acid: A Threshold Photoelectron Spectroscopy Study. Journal of Physical Chemistry A, 2014, 118, 11235-11243.	1.1	9
20	Threshold photoelectron spectroscopy of unstable N-containing compounds: Resolution of Î”K subbands in HNCO+ and vibrational resolution in NCO+. Journal of Chemical Physics, 2015, 142, 184306.	1.2	9
21	Experimental and theoretical threshold photoelectron spectra of methylene. Journal of Chemical Physics, 2018, 149, 224304.	1.2	9
22	Improved Ionization Energies for the Two Isomers of Phenylpropargyl Radical. ChemPhysChem, 2014, 15, 3489-3492.	1.0	8
23	Communication: On the first ionization threshold of the C2H radical. Journal of Chemical Physics, 2017, 146, 011101.	1.2	8
24	Fragmentation of isocyanic acid, HNCO, following core excitation and ionization. Journal of Chemical Physics, 2021, 154, 114302.	1.2	8
25	Isomerenselektive Erzeugung und spektroskopische Charakterisierung der Picolylâ€Radikale. Angewandte Chemie, 2017, 129, 8113-8116.	1.6	6
26	Decomposition of Picolyl Radicals at High Temperature: A Mass Selective Threshold Photoelectron Spectroscopy Study. Chemistry - A European Journal, 2019, 25, 16652-16659.	1.7	6
27	Characterisation of the first electronically excited state of protonated acetylene C2H3+ by coincident imaging photoelectron spectroscopy. Molecular Physics, 2021, 119, e1825851.	0.8	4
28	The threshold photoelectron spectrum of cyanovinylacetylene leads to an upward revision of the ionization energy. Chemical Physics Letters, 2015, 638, 201-204.	1.2	3
29	Angle-resolved RABBITT : from atoms to molecules. Journal of Physics: Conference Series, 2020, 1412, 072002.	0.3	0