

Fabian Holzmeier

List of Publications by Citations

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29
papers

284
citations

11
h-index

14
g-index

29
ext. papers

366
ext. citations

4.5
avg, IF

3.2
L-index

#	Paper	IF	Citations
29	Threshold Photoelectron Spectra of Combustion Relevant C ₄ H ₅ and C ₄ H ₇ Isomers. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 3995-4000	2.8	26
28	Isomer-Selective Generation and Spectroscopic Characterization of Picolyl Radicals. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8000-8003	16.4	22
27	Photoionization and pyrolysis of a 1,4-azaborinine: retro-hydroboration in the cation and identification of novel organoboron ring systems. <i>Chemistry - A European Journal</i> , 2014 , 20, 9683-92	4.8	19
26	Valence shell threshold photoelectron spectroscopy of CH (x = 0-3). <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 8707-8718	3.6	16
25	Pyrolysis of 3-Methoxypyridine. Detection and Characterization of the Pyrrolyl Radical by Threshold Photoelectron Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 4702-10	2.8	16
24	On the absolute photoionization cross section and dissociative photoionization of cyclopropenylidene. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 9240-7	3.6	16
23	Observing Femtosecond Fragmentation Using Ultrafast X-ray-Induced Auger Spectra. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 681	2.6	15
22	H ₂ CN ⁺ and H ₂ CNH ⁺ : new insight into the structure and dynamics from mass-selected threshold photoelectron spectra. <i>Journal of Chemical Physics</i> , 2013 , 138, 214310	3.9	15
21	A photoionization study of 2-propyl and t-butyl radicals. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 124, 454-460	6	14
20	Operando Photoelectron Photoion Coincidence Spectroscopy Unravels Mechanistic Fingerprints of Propane Activation by Catalytic Oxyhalogenation. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 856-863	6.4	13
19	Diborene: Generation and Photoelectron Spectroscopy of an Inorganic Biradical. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 5921-5925	6.4	12
18	Threshold photoionization of fluorenyl, benzhydryl, diphenylmethylene, and their dimers. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 5260-8	2.8	11
17	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, 19507-14	3.6	9
16	Normal and resonant Auger spectroscopy of isocyanic acid, HNCO. <i>Journal of Chemical Physics</i> , 2018 , 149, 034308	3.9	9
15	Synchrotron-based valence shell photoionization of CH radical. <i>Journal of Chemical Physics</i> , 2016 , 144, 204307	3.9	9
14	Threshold photoelectron spectroscopy of unstable N-containing compounds: Resolution of K subbands in HNCO(+) and vibrational resolution in NCO(.). <i>Journal of Chemical Physics</i> , 2015 , 142, 184306	3.9	8
13	Angle-resolved studies of XUVIR two-photon ionization in the RABBITT scheme. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 184007	1.3	8

12	Improved ionization energies for the two isomers of phenylpropargyl radical. <i>ChemPhysChem</i> , 2014 , 15, 3489-92	3.2	8
11	Experimental and theoretical threshold photoelectron spectra of methylene. <i>Journal of Chemical Physics</i> , 2018 , 149, 224304	3.9	6
10	Control of H ₂ Dissociative Ionization in the Nonlinear Regime Using Vacuum Ultraviolet Free-Electron Laser Pulses. <i>Physical Review Letters</i> , 2018 , 121, 103002	7.4	6
9	Communication: On the first ionization threshold of the CH radical. <i>Journal of Chemical Physics</i> , 2017 , 146, 011101	3.9	5
8	Decomposition of diazomeldrum's acid: a threshold photoelectron spectroscopy study. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 11235-43	2.8	5
7	Isomere-selektive Erzeugung und spektroskopische Charakterisierung der Picolyl-Radikale. <i>Angewandte Chemie</i> , 2017 , 129, 8113-8116	3.6	4
6	Decomposition of Picolyl Radicals at High Temperature: A Mass Selective Threshold Photoelectron Spectroscopy Study. <i>Chemistry - A European Journal</i> , 2019 , 25, 16652	4.8	3
5	The threshold photoelectron spectrum of cyanovinylacetylene leads to an upward revision of the ionization energy. <i>Chemical Physics Letters</i> , 2015 , 638, 201-204	2.5	3
4	Influence of shape resonances on the angular dependence of molecular photoionization delays.. <i>Nature Communications</i> , 2021 , 12, 7343	17.4	3
3	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	2
2	Fragmentation of isocyanic acid, HNCO, following core excitation and ionization. <i>Journal of Chemical Physics</i> , 2021 , 154, 114302	3.9	1
1	Angle-resolved RABBITT : from atoms to molecules. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 072002	0.3	