

# Marius Gerlach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9633420/publications.pdf>

Version: 2024-02-01

11  
papers

72  
citations

1478458

6  
h-index

1588975

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamorphic <i>meta</i> isomer: carbon dioxide and ketenes are formed <i>via</i> retro-Diels-Alder reactions in the decomposition of <i>meta</i> -benzenediol. Physical Chemistry Chemical Physics, 2019, 21, 19480-19487.	2.8	15
2	Kinetics of 1- and 2-methylallyl + O <sub>2</sub> reaction, investigated by photoionisation using synchrotron radiation. Physical Chemistry Chemical Physics, 2021, 23, 1539-1549.	2.8	9
3	Fragmentation of isocyanic acid, HNCO, following core excitation and ionization. Journal of Chemical Physics, 2021, 154, 114302.	3.0	8
4	Threshold Photoelectron Spectrum of Cyclobutadiene: Comparison with Time-Dependent Wavepacket Simulations. Journal of Physical Chemistry Letters, 2021, 12, 6901-6906.	4.6	8
5	Auger electron spectroscopy of fulminic acid, HCNO: an experimental and theoretical study. Physical Chemistry Chemical Physics, 2022, 24, 15217-15229.	2.8	7
6	Decomposition of Picolyl Radicals at High Temperature: A Mass Selective Threshold Photoelectron Spectroscopy Study. Chemistry - A European Journal, 2019, 25, 16652-16659.	3.3	6
7	Ammonia Borane, NH <sub>3</sub> BH <sub>3</sub> : A Threshold Photoelectron-Photoion Coincidence Study of a Potential Hydrogen-Storage Material. Chemistry - A European Journal, 2022, 28, .	3.3	6
8	Threshold photoelectron spectroscopy of iminoborane, HBNH. Physical Chemistry Chemical Physics, 2021, 24, 20-24.	2.8	5
9	Photoelectron spectroscopy of low valent organophosphorus compounds, P <sup>+</sup> CH <sub>3</sub> , H <sup>+</sup> PiCH <sub>2</sub> and PiCH <sub>2</sub> . Physical Chemistry Chemical Physics, 2022, 24, 10993-10999. <sup>2-8</sup>	2.8	5
10	Photoelectron Photoion Coincidence Spectroscopy of NCl <sub>3</sub> and NCl <sub>2</sub> . ChemPhysChem, 2021, 22, 2164-2167.	2.1	3
11	Femtosecond dynamics of diphenylpropynylidene in ethanol and dichloromethane. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119606.	3.9	0