

# Martin Mayer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8235264/publications.pdf>

Version: 2024-02-01

10  
papers

241  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Monitoring of Isomeric Reaction Intermediates. Journal of Physical Chemistry A, 2021, 125, 2801-2815.	2.5	9
2	Relevance of $\pi$ -Backbonding for the Reactivity of Electrophilic Anions $[\text{B}_{12}\text{X}_{11}]^{\ominus}$ ( $\text{X}=\text{F}, \text{Cl}, \text{Br}, \text{I}, \text{CN}$ ). Chemistry - A European Journal, 2021, 27, 10274-10281.	3.3	15
3	Direct functionalization of $\text{C}^{\sim}\text{H}$ bonds by electrophilic anions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23374-23379.	7.1	21
4	First steps towards a stable neon compound: observation and bonding analysis of $[\text{B}_{12}(\text{CN})_{11}\text{Ne}]^{\ominus}$ . Chemical Communications, 2020, 56, 4591-4594.	4.1	26
5	Unravelling the configuration of transient <i>ortho</i> -quinone methides by combining microfluidics with gas phase vibrational spectroscopy. Physical Chemistry Chemical Physics, 2020, 22, 4610-4616.	2.8	4
6	Rational design of an argon-binding superelectrophilic anion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8167-8172.	7.1	69
7	Joining Microfluidics with Infrared Photodissociation: Online Monitoring of Isomeric Flow-Reaction Intermediates. Analytical Chemistry, 2019, 91, 3199-3203.	6.5	18
8	Probing the propensity of perchlorate anions for surface solvation by infrared photodissociation spectroscopy. Journal of Chemical Physics, 2018, 148, 222840.	3.0	7
9	Superelectrophilic Behavior of an Anion Demonstrated by the Spontaneous Binding of Noble Gases to $[\text{B}_{12}\text{Cl}_{11}]^{\ominus}$ . Angewandte Chemie - International Edition, 2017, 56, 7980-7985.	13.8	55
10	Superelektrophiles Verhalten eines Anions demonstriert durch spontane Bindung von Edelgasen an $[\text{B}_{12}\text{Cl}_{11}]^{\ominus}$ . Angewandte Chemie, 2017, 129, 8090-8096.	2.0	17