

Martin Mayer

List of Publications by Year in descending order

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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	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
2	Superelectrophilic Behavior of an Anion Demonstrated by the Spontaneous Binding of Noble Gases to [B ₁₂ Cl ₁₁] ⁺ . Angewandte Chemie - International Edition, 2017, 56, 7980-7985.	13.8	55
3	First steps towards a stable neon compound: observation and bonding analysis of [B ₁₂ (CN) ₁₁ Ne] ⁺ . Chemical Communications, 2020, 56, 4591-4594.	4.1	26
4	Direct functionalization of C-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
5	Joining Microfluidics with Infrared Photodissociation: Online Monitoring of Isomeric Flow-Reaction Intermediates. Analytical Chemistry, 2019, 91, 3199-3203.	6.5	18
6	Superelektrophiles Verhalten eines Anions demonstriert durch spontane Bindung von Edelgasen an [B ₁₂ Cl ₁₁] ⁺ . Angewandte Chemie, 2017, 129, 8090-8096.	2.0	17
7	Relevance of π -Backbonding for the Reactivity of Electrophilic Anions [B ₁₂ X ₁₁] ⁺ (X=F, Cl, Br, I, CN). Chemistry - A European Journal, 2021, 27, 10274-10281.	3.3	15
8	Online Monitoring of Isomeric Reaction Intermediates. Journal of Physical Chemistry A, 2021, 125, 2801-2815.	2.5	9
9	Probing the propensity of perchlorate anions for surface solvation by infrared photodissociation spectroscopy. Journal of Chemical Physics, 2018, 148, 222840.	3.0	7
10	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