

Sebastian F Maehrlein

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

480
citations

1040056

9
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond formation dynamics of the spin Seebeck effect revealed by terahertz spectroscopy. Nature Communications, 2018, 9, 2899.	12.8	131
2	Dissecting spin-phonon equilibration in ferrimagnetic insulators by ultrafast lattice excitation. Science Advances, 2018, 4, eaar5164.	10.3	91
3	Dynamic Screening and Slow Cooling of Hot Carriers in Lead Halide Perovskites. Advanced Materials, 2019, 31, e1803054.	21.0	86
4	Sum-frequency ionic Raman scattering. Physical Review B, 2018, 97, .	3.2	55
5	Solvated Electrons in Solids—Ferroelectric Large Polarons in Lead Halide Perovskites. Journal of the American Chemical Society, 2021, 143, 5-16.	13.7	44
6	Decoding ultrafast polarization responses in lead halide perovskites by the two-dimensional optical Kerr effect. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	21
7	Optical Anisotropy and Phase Transitions in Lead Halide Perovskites. Journal of Physical Chemistry Letters, 2021, 12, 5016-5022.	4.6	17
8	Broad-Band Near-Infrared Doublet Emission in a Tetrathiafulvalene-Based Metal-Organic Framework. Journal of Physical Chemistry Letters, 2020, 11, 762-766.	4.6	11
9	The ultrafast Kerr effect in anisotropic and dispersive media. Journal of Chemical Physics, 2021, 154, 094202.	3.0	11
10	Hierarchical Coherent Phonons in a Superatomic Semiconductor. Advanced Materials, 2019, 31, e1903209.	21.0	9
11	Electron Dynamics in Hybrid Perovskites Reveal the Role of Organic Cations on the Screening of Local Charges. Nano Letters, 2022, 22, 2065-2069.	9.1	3
12	The THz sum-frequency counterparts of stimulated Raman scattering. , 2019, , .		1
13	2D Optical- and THz-Kerr Effect in Lead Halide Perovskites. , 2021, , .		0
14	THz Polarization Responses of Lead Halide Perovskites. , 0, , .		0