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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3096454/publications.pdf>

Version: 2024-02-01

12
papers

309
citations

1040056

9
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1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping momentum-dependent electron-phonon coupling and nonequilibrium phonon dynamics with ultrafast electron diffuse scattering. <i>Physical Review B</i> , 2018, 97, .	3.2	81
2	How optical excitation controls the structure and properties of vanadium dioxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 450-455.	7.1	80
3	Mechanisms of electron-phonon coupling unraveled in momentum and time: The case of soft phonons in TiSe_2 . <i>Science Advances</i> , 2021, 7, .	10.3	38
4	Time- and momentum-resolved phonon population dynamics with ultrafast electron diffuse scattering. <i>Physical Review B</i> , 2019, 100, .	3.2	33
5	Direct visualization of polaron formation in the thermoelectric SnSe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	23
6	Direct View of Phonon Dynamics in Atomically Thin MoS_2 . <i>Nano Letters</i> , 2022, 22, 4718-4724.	9.1	19
7	A general method for baseline-removal in ultrafast electron powder diffraction data using the dual-tree complex wavelet transform. <i>Structural Dynamics</i> , 2017, 4, 044004.	2.3	12
8	An open-source software ecosystem for the interactive exploration of ultrafast electron scattering data. <i>Advanced Structural and Chemical Imaging</i> , 2018, 4, 11.	4.0	12
9	Extreme lightwave electron field emission from a nanotip. <i>Physical Review Research</i> , 2021, 3, .	3.6	11
10	Robust sub-50 fs cavity-laser phase stabilization for ultra-fast electron diffraction instruments. <i>EPJ Web of Conferences</i> , 2019, 205, 08015.	0.3	0
11	Mapping momentum-dependent electron-phonon coupling and non-equilibrium phonon dynamics with ultrafast electron diffuse scattering. <i>EPJ Web of Conferences</i> , 2019, 205, 08013.	0.3	0
12	Ultrafast Electron Scattering: Femtosecond Electron Pulses in Materials Research. , 2021, , .		0