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List of Publications by Year in descending order

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papers

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docs citations

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496
citing authors

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