

Thomas M Brenner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2938718/publications.pdf>

Version: 2024-02-01

10
papers

1,661
citations

1162889

8
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

3730
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid organic-inorganic perovskites: low-cost semiconductors with intriguing charge-transport properties. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	1,173
2	Homogenized halides and alkali cation segregation in alloyed organic-inorganic perovskites. <i>Science</i> , 2019, 363, 627-631.	6.0	258
3	Light-Induced Increase of Electron Diffusion Length in a p-n Junction Type $\text{CH}_3\text{NH}_3\text{PbBr}_3$ Perovskite Solar Cell. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2469-2476.	2.1	91
4	Elucidating the atomistic origin of anharmonicity in tetragonal $\text{CH}_3\text{NH}_3\text{PbBr}_3$ with Raman scattering. <i>Physical Review Materials</i> , 2020, 4, .	0.3	0
5	Diverging Expressions of Anharmonicity in Halide Perovskites. <i>Advanced Materials</i> , 2022, 34, e2107932.	11.1	28
6	Type-inversion as a working mechanism of high voltage $\text{MAPbBr}_3(\text{Cl})$ -based halide perovskite solar cells. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5753-5762.	1.3	23
7	Anharmonic host-lattice dynamics enable fast ion conduction in superionic AgI . <i>Physical Review Materials</i> , 2020, 4, .	0.9	21
8	Lattice mode symmetry analysis of the orthorhombic phase of methylammonium lead iodide using polarized Raman. <i>Physical Review Materials</i> , 2020, 4, .	0.9	20
9	Anharmonic Lattice Dynamics in Sodium Ion Conductors. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5938-5945.	2.1	9
10	Quantitative Specifications to Avoid Degradation during E-Beam and Induced Current Microscopy of Halide Perovskite Devices. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18961-18967.	1.5	4