

Thomas M Brenner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9
papers

1,238
citations

7
h-index

10
g-index

10
ext. papers

1,456
ext. citations

15.7
avg, IF

4.57
L-index

#	Paper	IF	Citations
9	Diverging Expressions of Anharmonicity in Halide Perovskites.. <i>Advanced Materials</i> , 2022 , e2107932	24	4
8	Lattice mode symmetry analysis of the orthorhombic phase of methylammonium lead iodide using polarized Raman. <i>Physical Review Materials</i> , 2020 , 4,	3.2	8
7	Elucidating the atomistic origin of anharmonicity in tetragonal CH ₃ NH ₃ PbI ₃ with Raman scattering. <i>Physical Review Materials</i> , 2020 , 4,	3.2	18
6	Anharmonic host-lattice dynamics enable fast ion conduction in superionic AgI. <i>Physical Review Materials</i> , 2020 , 4,	3.2	9
5	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	3.8	2
4	Homogenized halides and alkali cation segregation in alloyed organic-inorganic perovskites. <i>Science</i> , 2019 , 363, 627-631	33.3	190
3	Type-inversion as a working mechanism of high voltage MAPbBr(Cl)-based halide perovskite solar cells. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 5753-5762	3.6	18
2	Hybrid organic/inorganic perovskites: low-cost semiconductors with intriguing charge-transport properties. <i>Nature Reviews Materials</i> , 2016 , 1,	73.3	912
1	Light-Induced Increase of Electron Diffusion Length in a p-n Junction Type CH ₃ NH ₃ PbBr ₃ Perovskite Solar Cell. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 2469-76	6.4	75