

# Thomas M Brenner

## List of Publications by Citations

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**Version:** 2024-04-27

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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	Hybrid organic/inorganic perovskites: low-cost semiconductors with intriguing charge-transport properties. <i>Nature Reviews Materials</i> , <b>2016</b> , 1,	73.3	912
8	Homogenized halides and alkali cation segregation in alloyed organic-inorganic perovskites. <i>Science</i> , <b>2019</b> , 363, 627-631	33.3	190
7	Light-Induced Increase of Electron Diffusion Length in a p-n Junction Type CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> Perovskite Solar Cell. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 2469-76	6.4	75
6	Type-inversion as a working mechanism of high voltage MAPbBr(Cl)-based halide perovskite solar cells. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 5753-5762	3.6	18
5	Elucidating the atomistic origin of anharmonicity in tetragonal CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> with Raman scattering. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	18
4	Anharmonic host-lattice dynamics enable fast ion conduction in superionic AgI. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	9
3	Lattice mode symmetry analysis of the orthorhombic phase of methylammonium lead iodide using polarized Raman. <i>Physical Review Materials</i> , <b>2020</b> , 4,	3.2	8
2	Diverging Expressions of Anharmonicity in Halide Perovskites.. <i>Advanced Materials</i> , <b>2022</b> , e2107932	24	4
1	Quantitative Specifications to Avoid Degradation during E-Beam and Induced Current Microscopy of Halide Perovskite Devices. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 18961-18967	3.8	2