Thomas M Brenner

List of Publications by Citations

12 papers	1,500 citations	8 h-index	12 g-index
12 ext. papers	1,717 ext. citations	13.2 avg, IF	4.7 L-index

#	Paper	IF	Citations
12	Hybrid organic□inorganic perovskites: low-cost semiconductors with intriguing charge-transport properties. *Nature Reviews Materials*, **2016**, 1,	73.3	912
11	Homogenized halides and alkali cation segregation in alloyed organic-inorganic perovskites. *Science* , **2019**, 363, 627-631	33.3	190
10	Are Mobilities in Hybrid Organic-Inorganic Halide Perovskites Actually "High"?. *Journal of Physical Chemistry Letters*, **2015**, 6, 4754-7	6.4	167
9	Light-Induced Increase of Electron Diffusion Length in a p-n Junction Type CH3NH3PbBr3 Perovskite Solar Cell. *Journal of Physical Chemistry Letters*, **2015**, 6, 2469-76	6.4	75
8	Conversion of Single Crystalline PbI2 to CH3NH3PbI3: Structural Relations and Transformation Dynamics. *Chemistry of Materials*, **2016**, 28, 6501-6510	9.6	58
7	Mobility-Lifetime Products in MAPbI Films. *Journal of Physical Chemistry Letters*, **2016**, 7, 5219-5226	6.4	51
6	Type-inversion as a working mechanism of high voltage MAPbBr(Cl)-based halide perovskite solar cells. *Physical Chemistry Chemical Physics*, **2017**, 19, 5753-5762	3.6	18
5	Tuning zinc oxide/organic energy level alignment using mixed triethoxysilane monolayers. *Journal of Materials Chemistry C*, **2013**, 1, 5935	7.1	15
4	Etch-Resistant Zn1□MgxO Alloys: An Alternative to ZnO for Carboxylic Acid Surface Modification. *Journal of Physical Chemistry C*, **2014**, 118, 12599-12607	3.8	7
3	Interface Modification by Simple Organic Salts Improves Performance of Planar Perovskite Solar Cells. *Advanced Materials Interfaces*, **2016**, 3, 1600506	4.6	5
2	Quantitative Specifications to Avoid Degradation during E-Beam and Induced Current Microscopy of Halide Perovskite Devices. *Journal of Physical Chemistry C*, **2020**, 124, 18961-18967	3.8	2
1	Tuning the work function of nickel oxide using triethoxysilane functionalized monolayers. *Physical Chemistry Chemical Physics*, **2021**, 23, 2449-2457	3.6	0