

# 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.

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	Tuning the work function of nickel oxide using triethoxysilane functionalized monolayers. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 2449-2457	3.6	0
11	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
10	Homogenized halides and alkali cation segregation in alloyed organic-inorganic perovskites. <i>Science</i> , <b>2019</b> , 363, 627-631	33.3	190
9	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
8	Conversion of Single Crystalline PbI <sub>2</sub> to CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> : Structural Relations and Transformation Dynamics. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 6501-6510	9.6	58
7	Interface Modification by Simple Organic Salts Improves Performance of Planar Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600506	4.6	5
6	Hybrid organic-inorganic perovskites: low-cost semiconductors with intriguing charge-transport properties. <i>Nature Reviews Materials</i> , <b>2016</b> , 1,	73.3	912
5	Mobility-Lifetime Products in MAPbI Films. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 5219-5226	6.4	51
4	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
3	Are Mobilities in Hybrid Organic-Inorganic Halide Perovskites Actually "High"?. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 4754-7	6.4	167
2	Etch-Resistant Zn <sub>1-x</sub> Mg <sub>x</sub> O Alloys: An Alternative to ZnO for Carboxylic Acid Surface Modification. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 12599-12607	3.8	7
1	Tuning zinc oxide/organic energy level alignment using mixed triethoxysilane monolayers. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5935	7.1	15