

# Bruno Schmaltz

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

214  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface compatibility: how to outperform classical spiro-OMeTAD in perovskite solar cells with carbazole derivatives. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7680-7689.	5.5	9
2	Low-Temperature Hydrothermal Growth of ZnO Nanowires on AZO Substrates for FACsPb(I <sub>Br</sub> ) <sub>3</sub> Perovskite Solar Cells. <i>Nanomaterials</i> , 2022, 12, 2093.	4.1	3
3	Fabrication of Oriented n-type Thermoelectric Polymers by Polarity Switching in a DPP-based Donor-acceptor Copolymer Doped with FeCl <sub>3</sub> . <i>Advanced Electronic Materials</i> , 2021, 7, 2000880.	5.1	28
4	Fluorinated interfacial layers in perovskite solar cells: efficient enhancement of the fill factor. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16527-16533.	10.3	17
5	Thermopower scaling in conducting polymers. <i>Scientific Reports</i> , 2020, 10, 8086.	3.3	10
6	Simple carbazole-based hole transporting materials with fused benzene ring substituents for efficient perovskite solar cells. <i>New Journal of Chemistry</i> , 2019, 43, 12211-12214.	2.8	12
7	Cyclopentadithiophene and Fluorene Spiro-Core-Based Hole-Transporting Materials for Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22767-22774.	3.1	17
8	DMPA-containing carbazole-based hole transporting materials for perovskite solar cells: Recent advances and perspectives. <i>Synthetic Metals</i> , 2019, 252, 91-106.	3.9	35
9	Simply designed carbazole-based hole transporting materials for efficient perovskite solar cells. <i>Organic Electronics</i> , 2018, 56, 27-30.	2.6	28
10	Triphenylamine 3,6-carbazole derivative as hole-transporting material for mixed cation perovskite solar cells. <i>Chemical Papers</i> , 2018, 72, 1779-1787.	2.2	15
11	Carbazole based hole transporting materials for solid state dye sensitizer solar cells: role of the methoxy groups. <i>Polymer International</i> , 2014, 63, 1387-1393.	3.1	19
12	Diphenylamino-substituted derivatives of 9-phenylcarbazole as glass-forming hole-transporting materials for solid state dye sensitized solar cells. <i>Synthetic Metals</i> , 2012, 162, 1997-2004.	3.9	21