

Taisuke Matsui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8172399/publications.pdf>

Version: 2024-02-01

10
papers

8,969
citations

1162367

8
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

10266
citing authors

#	ARTICLE	IF	CITATIONS
1	Cesium-containing triple cation perovskite solar cells: improved stability, reproducibility and high efficiency. <i>Energy and Environmental Science</i> , 2016, 9, 1989-1997.	15.6	4,560
2	Incorporation of rubidium cations into perovskite solar cells improves photovoltaic performance. <i>Science</i> , 2016, 354, 206-209.	6.0	3,137
3	Highly efficient and stable planar perovskite solar cells by solution-processed tin oxide. <i>Energy and Environmental Science</i> , 2016, 9, 3128-3134.	15.6	720
4	The effect of illumination on the formation of metal halide perovskite films. <i>Nature</i> , 2017, 545, 208-212.	13.7	242
5	Compositional Engineering for Thermally Stable, Highly Efficient Perovskite Solar Cells Exceeding 20% Power Conversion Efficiency with 85 Å°C/85% 1000 h Stability. <i>Advanced Materials</i> , 2019, 31, e1806823.	11.1	180
6	Additive-Free Transparent Triarylamine-Based Polymeric Hole-Transport Materials for Stable Perovskite Solar Cells. <i>ChemSusChem</i> , 2016, 9, 2567-2571.	3.6	65
7	Influence of a Hole-Transport Layer on Light-Induced Degradation of Mixed Organic-Inorganic Halide Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 5039-5049.	2.5	34
8	Effect of Rubidium for Thermal Stability of Triple-cation Perovskite Solar Cells. <i>Chemistry Letters</i> , 2018, 47, 814-816.	0.7	24
9	Hybrid Organic-Inorganic Perovskite Semiconductor-Based High-Flux Neutron Detector with BN Converter. <i>ACS Applied Electronic Materials</i> , 2022, 4, 3411-3420.	2.0	4
10	Low-Cost Computing of the Thermophysical Properties of Organic-Inorganic Halide Perovskites by Density Functional Theory Combined with the Three-Dimensional Reference Interaction Site Method. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6601-6610.	1.5	2