

Sarah M Vorpahl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10704999/publications.pdf>

Version: 2024-02-01

6
papers

2,103
citations

1684188

5
h-index

2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

4772
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of microstructure on local carrier lifetime in perovskite solar cells. Science, 2015, 348, 683-686.	12.6	1,833
2	Zr Incorporation into TiO ₂ Electrodes Reduces Hysteresis and Improves Performance in Hybrid Perovskite Solar Cells while Increasing Carrier Lifetimes. Journal of Physical Chemistry Letters, 2015, 6, 669-675.	4.6	106
3	Photodecomposition and Morphology Evolution of Organometal Halide Perovskite Solar Cells. Journal of Physical Chemistry C, 2015, 119, 20810-20816.	3.1	88
4	Orientation of Ferroelectric Domains and Disappearance upon Heating Methylammonium Lead Triiodide Perovskite from Tetragonal to Cubic Phase. ACS Applied Energy Materials, 2018, 1, 1534-1539.	5.1	49
5	Anisotropic carrier diffusion in single MAPbI ₃ grains correlates to their twin domains. Energy and Environmental Science, 2020, 13, 4168-4177.	30.8	27
6	Anisotropic Charge Carrier Diffusion Correlated to Ferroelastic Twin Domains in MAPbI ₃ Perovskite. , O, , .		0