

Tate C Hauger

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

582
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1477
citing authors

#	ARTICLE	IF	CITATIONS
1	Spray coated high-conductivity PEDOT:PSS transparent electrodes for stretchable and mechanically-robust organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2013, 110, 98-106.	6.2	159
2	Rolling Silver Nanowire Electrodes: Simultaneously Addressing Adhesion, Roughness, and Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12663-12671.	8.0	113
3	Methylammonium Cation Dynamics in Methylammonium Lead Halide Perovskites: A Solid-State NMR Perspective. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1560-1573.	2.5	103
4	Work Function Control of Interfacial Buffer Layers for Efficient and Air-Stable Inverted Low-Bandgap Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2012, 2, 361-368.	19.5	56
5	Donor-Acceptor Small Molecules for Organic Photovoltaics: Single-Atom Substitution (Se or S). <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8188-8199.	8.0	38
6	Finely Tailored Performance of Inverted Organic Photovoltaics through Layer-by-Layer Interfacial Engineering. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3962-3970.	8.0	33
7	Self-assembly of carboxylated polythiophene nanowires for improved bulk heterojunction morphology in polymer solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 11354.	6.7	28
8	UV-Initiated Si-S, Si-Se, and Si-Te Bond Formation on Si(111): Coverage, Mechanism, and Electronics. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13803-13814.	3.1	25
9	Understanding the Effects of a High Surface Area Nanostructured Indium Tin Oxide Electrode on Organic Solar Cell Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38706-38715.	8.0	14
10	Polymers, Plasmons, and Patterns: Mechanism of Plasmon-Induced Hydrosilylation on Silicon. <i>Chemistry of Materials</i> , 2016, 28, 9158-9168.	6.7	13
11	Organic Photovoltaics: Work Function Control of Interfacial Buffer Layers for Efficient and Air-Stable Inverted Low-Bandgap Organic Photovoltaics (<i>Adv. Energy Mater.</i> 3/2012). <i>Advanced Energy Materials</i> , 2012, 2, 278-278.	19.5	0