

Sachin Badgujar

List of Publications by Year in descending order

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1189
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#	ARTICLE	IF	CITATIONS
1	Highly Efficient and Stable Inverted Perovskite Solar Cell Obtained via Treatment by Semiconducting Chemical Additive. <i>Advanced Materials</i> , 2019, 31, e1805554.	21.0	134
2	Highly efficient organic photocatalysts discovered via a computer-aided-design strategy for visible-light-driven atom transfer radical polymerization. <i>Nature Catalysis</i> , 2018, 1, 794-804.	34.4	124
3	A thermally and mechanically stable solar cell made of a small-molecule donor and a polymer acceptor. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15923-15931.	10.3	20
4	Synthesis and Photophysical Studies of Thiadiazole[3,4-c]pyridine Copolymer Based Organic Field-Effect Transistors. <i>Journal of Fluorescence</i> , 2016, 26, 1045-1052.	2.5	8
5	Highly efficient and thermally stable fullerene-free organic solar cells based on a small molecule donor and acceptor. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16335-16340.	10.3	88
6	High-Performance Small Molecule via Tailoring Intermolecular Interactions and its Application in Large-Area Organic Photovoltaic Modules. <i>Advanced Energy Materials</i> , 2016, 6, 1600228.	19.5	69
7	Synthesis, Characterization and Optoelectronic Properties of Benzodithiophene Based Copolymers for Application in Solar Cells. <i>Journal of Fluorescence</i> , 2016, 26, 371-376.	2.5	11
8	Synthesis and characterization of thieno[3,4-c]pyrrole-4,6-dione-based copolymers for polymer solar cells. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1023-1027.	0.7	1
9	Effect of backbone structures on photovoltaic properties in naphthodithiophene-based copolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 305-312.	2.3	5
10	Synthesis and Characterization of Dithieno[3,2-b:5,6-b']thiophene-Based Copolymers for Polymer Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6060-6064.	0.9	4
11	Naphtho[1,2-b:5,6-b']dithiophene-based copolymers for applications to polymer solar cells. <i>Polymer Chemistry</i> , 2013, 4, 2132.	3.9	24
12	Synthesis and Characterization of a Novel Naphthodithiophene-Based Copolymer for Use in Polymer Solar Cells. <i>Macromolecules</i> , 2012, 45, 6938-6945.	4.8	48
13	New TIPS-substituted benzo[1,2-b:4,5-b']dithiophene-based copolymers for application in polymer solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 22224.	6.7	42