Sachin Badgujar

List of Publications by Year
in descending order

13	578	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	1189
all docs	docs citations	times ranked	citing authors

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