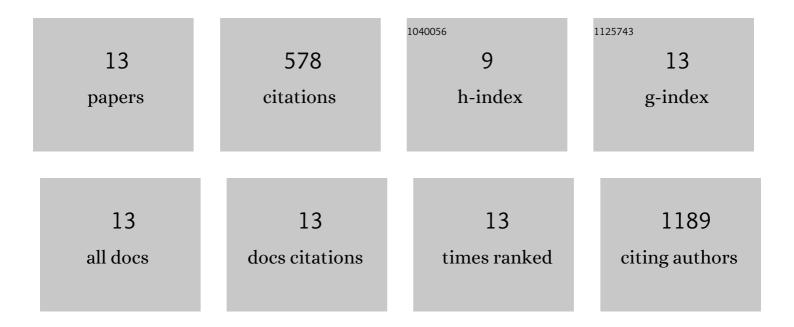
Sachin Badgujar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10428757/publications.pdf Version: 2024-02-01



| # | 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-b′]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> :2′,3′- <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 |