

Aiswarya Abhisek Mohapatra

List of Publications by Year in descending order

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papers

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1307594

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371
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Component CMOS-Like Logic using Diketopyrrolopyrrole-Based Ambipolar Organic Electrochemical Transistors. <i>Advanced Functional Materials</i> , 2021, 31, 2102903.	14.9	38
2	Energy transfer in ternary blend organic solar cells: recent insights and future directions. <i>Energy and Environmental Science</i> , 2021, 14, 302-319.	30.8	37
3	Förster Resonance Energy Transfer Drives Higher Efficiency in Ternary Blend Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 4874-4882.	5.1	34
4	Hybrid ZnO-organic semiconductor interfaces in photodetectors: A comparison of two near-infrared donor-acceptor copolymers. <i>Organic Electronics</i> , 2017, 45, 115-123.	2.6	22
5	Role of Morphology and Förster Resonance Energy Transfer in Ternary Blend Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 12025-12036.	5.1	17
6	UV-Ozone Modified Sol-Gel Processed ZnO for Improved Diketopyrrolopyrrole-Based Hybrid Photodetectors. <i>ACS Applied Electronic Materials</i> , 2019, 1, 2455-2462.	4.3	16
7	Ionic Charge Storage in Diketopyrrolopyrrole-Based Redox-Active Conjugated Polymers. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4449-4457.	3.1	16
8	Rational Design of Donor-Acceptor Based Semiconducting Copolymers with High Dielectric Constants. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6886-6896.	3.1	8
9	Acetaminidinium-substituted methylammonium lead iodide based perovskite solar cell on flexible stainless-steel substrate. , 2021, , .		5
10	Interfacial Effects of UV-Ozone Treated Sol-Gel Processable ZnO for Hybrid Photodetectors and Thin Film Transistors. <i>MRS Advances</i> , 2019, 4, 1793-1800.	0.9	4