

Aiswarya Abhisek Mohapatra

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

197
citations

1307594

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1474206

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10
all docs

10
docs citations

10
times ranked

371
citing authors

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