

Ramakant Sharma

List of Publications by Year in descending order

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8
papers

218
citations

1651377

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h-index

1762888

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g-index

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all docs

8
docs citations

8
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Electronic States and Their Coupling on Radiative Losses of Open-Circuit Voltage in Organic Photovoltaics. ACS Applied Materials & Interfaces, 2021, 13, 60279-60287.	4.0	6
2	Comprehensive and Comparative Analysis of Photoinduced Charge Generation, Recombination Kinetics, and Energy Losses in Fullerene and Nonfullerene Acceptor-Based Organic Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 45083-45091.	4.0	18
3	Ionic Liquid-Based Electrolytes for Energy Storage Devices: A Brief Review on Their Limits and Applications. Polymers, 2020, 12, 918.	2.0	124
4	High-Efficiency Organic Solar Cells With Solution Processable Non-Fullerene Acceptor as an Interlayer. IEEE Journal of Photovoltaics, 2019, 9, 1266-1272.	1.5	3
5	Effectiveness of Solvent Vapor Annealing over Thermal Annealing on the Photovoltaic Performance of Non-Fullerene Acceptor Based BHJ Solar Cells. Scientific Reports, 2019, 9, 8529.	1.6	31
6	Förster resonance energy transfer in p-DTS(FBTTh ₂)- p-SIDT(FBTTh ₂) ₂ small molecule ternary blend bulk-heterojunction solar cells for enhanced power conversion efficiency. Materials Letters, 2019, 251, 122-125.	1.3	8
7	Combined effect of ZnO nanoripples and solvent additive on the nanomorphology and performance of PTB7-Th: PC ₇₁ BM organic solar cells. Nanotechnology, 2019, 30, 385204.	1.3	14
8	Charge carrier dynamics in PffBT4T-2OD: PCBM organic solar cells. Organic Electronics, 2018, 62, 441-447.	1.4	14