Ruiping Qin

List of Publications by Year
in descending order

21 papers	687 citations	840776 11 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	1101 citing authors

#	Article	IF	Citations
1	A Planar Copolymer for High Efficiency Polymer Solar Cells. Journal of the American Chemical Society, 2009, 131, 14612-14613.	13.7	407
2	The Effect of additive on performance and shelf-stability of HSX-1/PCBM photovoltaic devices. Organic Electronics, 2011, 12, 1544-1551.	2.6	58
3	Poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate)(PEDOT:PSS)â€“molybdenum oxide composite films as hole conductors for efficient planar perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 9958-9966.	10.3	44
4	All-Inorganic Perovskite Solar Cells Based on CsPbIBr2 and Metal Oxide Transport Layers with Improved Stability. Nanomaterials, 2019, 9, 1666.	4.1	30
5	Tuning Surface Wettability of Buffer Layers by Incorporating Polyethylene Glycols for Enhanced Performance of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 26670-26679.	8.0	20
6	Structure property relationship for carbazole and benzothiadiazole based conjugated polymers. Solar Energy Materials and Solar Cells, 2016, 145, 412-417.	6.2	17
7	Efficiency Enhancement Mechanism for Poly(3,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (4-ethylenedioxythiophene):Poly(s Treatment. Nanoscale Research Letters, 2016, 11, 267.	5.7	16
8	Perylene Monoimide Dimers Enhance Ternary Organic Solar Cells Efficiency by Induced Dâ€“A Crystallinity. ACS Applied Energy Materials, 2019, 2, 305-311.	5.1	16
9	Synthesis and Characterization of 2,7â€Linked Carbazole Oligomers. Macromolecular Rapid Communications, 2012, 33, 87-91.	3.9	13
10	One step to perylene monoimides and derived alkynyl bridged photovoltaic acceptors. Dyes and Pigments, 2019, 160, 540-545.	3.7	13
11	An efficient and stable inverted perovskite solar cell involving inorganic charge transport layers without a high temperature procedure. RSC Advances, 2020, 10, 18608-18613.	3.6	13
12	Ternary Strategy Enabling Highâ€Performance Organic Solar Cells with Optimized Film Morphology and Reduced Nonradiative Energy Loss. Solar Rrl, 2021, 5, 2100806.	5.8	10
13	Carbazoles on same main chain for polymer solar cells. Journal of Applied Polymer Science, 2013, 129, 2671-2678.	2.6	9
14	Organic Solar Cells' Efficiency Enhanced by Perylene Monoimide Phosphorus Salt Cathode Interfacial Layer. Energy Technology, 2020, 8, 2000072.	3.8	8
15	Effect of Molecular Structures of Donor Monomers of Polymers on Photovoltaic Properties. ACS Omega, 2019, 4, 19177-19182.	3.5	5
16	Laser-Induced Morphology Change Based on Small Molecular Model Compounds Photo-Detector. Macromolecular Research, 2018, 26, 973-977.	2.4	2
17	A super low band-gap IR dye realized 360Â° omnibearing and all optical wavelength photo-detection. Dyes and Pigments, 2021, 184, 108811.	3.7	2
18	Using fullerene as the third component to boosting the photovoltaic performances of pyran acceptor. Dyes and Pigments, 2022, 197, 109933.	3.7	2

#	Article	IF	Citations
19	Insight the difference of free charge generation in two small molecular accepter organic solar cells. Solar Energy, 2022, 235, 163-169.	6.1	1
20	Non-halogenated solvent processable wide bandgap polymer based on carboxylate-substituted benzodithiophene for high-efficiency polymer solar cells. Dyes and Pigments, 2022, 204, 110459.	3.7	1
21	Synthesis of two Dâ€Ïâ€A polymers Ï€â€bridged by different blocks and investigation of their photovoltaic property. Journal of Applied Polymer Science, 2015, 132, .	2.6	0