

Yuan-Qiu-Qiang Yi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

950
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567144

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713332

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1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugated Extension of Non-Fullerene Acceptors Enables Efficient Organic Solar Cells with Optoelectronic Response over 1000 nm. <i>ACS Applied Energy Materials</i> , 2022, 5, 4664-4672.	2.5	3
2	Finely Controlled Synthesis of ZnO/MgO Nanoparticles with Uniform Size Distribution Used as Electron Transport Materials for Red QLEDs. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1875-1881.	2.0	8
3	High performance inkjet-printed QLEDs with 18.3% EQE: improving interfacial contact by novel halogen-free binary solvent system. <i>Nano Research</i> , 2021, 14, 4125-4131.	5.8	42
4	13.2: Invited Paper: Synergistic photothermal strategy for low-temperature cross-linking of hole transport materials for red QLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 184-186.	0.1	2
5	Optimizing the central steric hindrance of cross-linkable hole transport materials for achieving highly efficient RGB QLEDs. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3368-3377.	3.2	18
6	A nonfullerene acceptor incorporating a dithienopyran fused backbone for organic solar cells with efficiency over 14%. <i>Nano Energy</i> , 2020, 75, 104988.	8.2	27
7	An acceptor-donor-acceptor type non-fullerene acceptor with an asymmetric backbone for high performance organic solar cells. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6293-6298.	2.7	12
8	Achieving an Efficient and Stable Morphology in Organic Solar Cells Via Fine-Tuning the Side Chains of Small-Molecule Acceptors. <i>Chemistry of Materials</i> , 2020, 32, 2593-2604.	3.2	91
9	A privileged ternary blend enabling non-fullerene organic photovoltaics with over 14% efficiency. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15135-15141.	2.7	4
10	A Tandem Organic Solar Cell with PCE of 14.52% Employing Subcells with the Same Polymer Donor and Two Absorption Complementary Acceptors. <i>Advanced Materials</i> , 2019, 31, e1804723.	11.1	48
11	Fluorination-modulated end units for high-performance non-fullerene acceptors based organic solar cells. <i>Science China Materials</i> , 2019, 62, 1210-1217.	3.5	14
12	New Anthracene-Fused Nonfullerene Acceptors for High-Efficiency Organic Solar Cells: Energy Level Modulations Enabling Match of Donor and Acceptor. <i>Advanced Energy Materials</i> , 2019, 9, 1803541.	10.2	95
13	A cyclopentadithiophene-bridged small molecule acceptor with near-infrared light absorption for efficient organic solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4013-4019.	2.7	17
14	Small Molecule Acceptors with a Nonfused Architecture for High-Performance Organic Photovoltaics. <i>Chemistry of Materials</i> , 2019, 31, 904-911.	3.2	66
15	Fine-tuning the side-chains of non-fullerene small molecule acceptors to match with appropriate polymer donors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8586-8594.	5.2	38
16	Synergistic Modifications of Side Chains and End Groups in Small Molecular Acceptors for High Efficient Non-Fullerene Organic Solar Cells. <i>Solar Rrl</i> , 2018, 2, 1800053.	3.1	23
17	Nonfullerene Tandem Organic Solar Cells with High Performance of 14.11%. <i>Advanced Materials</i> , 2018, 30, e1707508.	11.1	184
18	Ternary Organic Solar Cells With 12.8% Efficiency Using Two Nonfullerene Acceptors With Complementary Absorptions. <i>Advanced Energy Materials</i> , 2018, 8, 1800424.	10.2	90

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19	New small-molecule acceptors based on hexacyclic naphthalene(cyclopentadithiophene) for efficient non-fullerene organic solar cells. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17204-17210.	5.2	75
20	A Three-dimensional Non-fullerene Small Molecule Acceptor for Solution-processed Organic Solar Cells. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1687-1692.	2.6	30
21	Nickel-catalyzed C-N bond reduction of aromatic and benzylic quaternary ammonium triflates. <i>Chemical Communications</i> , 2016, 52, 10894-10897.	2.2	63