Yuan-Qiu-Qiang Yi

List of Publications by Year
in descending order

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21	950	566801	713013
papers	citations	15	21
		h-index	g-index

22	22	22	1301
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonfullerene Tandem Organic Solar Cells with High Performance of 14.11%. Advanced Materials, 2018, 30, e1707508.	11.1	184
2	New Anthraceneâ€Fused Nonfullerene Acceptors for Highâ€Efficiency Organic Solar Cells: Energy Level Modulations Enabling Match of Donor and Acceptor. Advanced Energy Materials, 2019, 9, 1803541.	10.2	95
3	Achieving an Efficient and Stable Morphology in Organic Solar Cells Via Fine-Tuning the Side Chains of Small-Molecule Acceptors. Chemistry of Materials, 2020, 32, 2593-2604.	3.2	91
4	Ternary Organic Solar Cells With 12.8% Efficiency Using Two Nonfullerene Acceptors With Complementary Absorptions. Advanced Energy Materials, 2018, 8, 1800424.	10.2	90
5	New small-molecule acceptors based on hexacyclic naphthalene(cyclopentadithiophene) for efficient non-fullerene organic solar cells. Journal of Materials Chemistry A, 2017, 5, 17204-17210.	5.2	75
6	Small Molecule Acceptors with a Nonfused Architecture for High-Performance Organic Photovoltaics. Chemistry of Materials, 2019, 31, 904-911.	3.2	66
7	Nickel-catalyzed Câ€“N bond reduction of aromatic and benzylic quaternary ammonium triflates. Chemical Communications, 2016, 52, 10894-10897.	2.2	63
8	A Tandem Organic Solar Cell with PCE of 14.52% Employing Subcells with the Same Polymer Donor and Two Absorption Complementary Acceptors. Advanced Materials, 2019, 31, e1804723.	11.1	48
9	High performance inkjet-printed QLEDs with 18.3% EQE: improving interfacial contact by novel halogen-free binary solvent system. Nano Research, 2021, 14, 4125-4131.	5.8	42
10	Fine-tuning the side-chains of non-fullerene small molecule acceptors to match with appropriate polymer donors. Journal of Materials Chemistry A, 2018, 6, 8586-8594.	5.2	38
11	A Threeâ€dimensional Nonâ€fullerene Small Molecule Acceptor for Solutionâ€processed Organic Solar Cells. Chinese Journal of Chemistry, 2017, 35, 1687-1692.	2.6	30
12	A nonfullerene acceptor incorporating a dithienopyran fused backbone for organic solar cells with efficiency over 14%. Nano Energy, 2020, 75, 104988.	8.2	27
13	Synergistic Modifications of Side Chains and End Groups in Small Molecular Acceptors for High Efficient Nonâ€Fullerene Organic Solar Cells. Solar Rrl, 2018, 2, 1800053.	3.1	23
14	Optimizing the central steric hindrance of cross-linkable hole transport materials for achieving highly efficient RGB QLEDs. Materials Chemistry Frontiers, 2020, 4, 3368-3377.	3.2	18
15	A cyclopentadithiophene-bridged small molecule acceptor with near-infrared light absorption for efficient organic solar cells. Journal of Materials Chemistry C, 2019, 7, 4013-4019.	2.7	17
16	Fluorination-modulated end units for high-performance non-fullerene acceptors based organic solar cells. Science China Materials, 2019, 62, 1210-1217.	3.5	14
17	An acceptorâ€“donorâ€“acceptor type non-fullerene acceptor with an asymmetric backbone for high performance organic solar cells. Journal of Materials Chemistry C, 2020, 8, 6293-6298.	2.7	12
18	Finely Controlled Synthesis of Zn_{1â€“x}Mg_xO Nanoparticles with Uniform Size Distribution Used as Electron Transport Materials for Red QLEDs. ACS Applied Electronic Materials, 2022, 4, 1875-1881.	2.0	8

#	Article	IF	Citations
19	A privileged ternary blend enabling non-fullerene organic photovoltaics with over 14% efficiency. Journal of Materials Chemistry C, 2020, 8, 15135-15141.	2.7	4
20	Conjugated Extension of Non-Fullerene Acceptors Enables Efficient Organic Solar Cells with Optoelectronic Response over 1000 nm. ACS Applied Energy Materials, 2022, 5, 4664-4672.	2.5	3
21	13.2: Invited Paper: Synergistic photothermal strategy for lowâ€temperature crossâ€linking of hole transport materials for red QLEDs. Digest of Technical Papers SID International Symposium, 2021, 52, 184-186.	0.1	2