

Lunxiang Yin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel A-D-A-type BODIPY dyads as small-molecule donors for solution-processed organic solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3248-3258.	5.5	12
2	A ² -extended small-molecule photovoltaic donor based on fluorene-diketopyrrolopyrrole with an end-group fluorination effect. <i>Materials Advances</i> , 2022, 3, 6496-6505.	5.4	4
3	Effective structural modifications enabled by end-capped effects based on fluorene-core donor, with high open-circuit voltage in organic photovoltaic devices. <i>Dyes and Pigments</i> , 2020, 183, 108709.	3.7	5
4	D-A ² -type asymmetric small molecules based on triphenylamine-diketopyrrolopyrrole/5,6-difluoro-2,1,3-benzothiadiazole backbone for organic photovoltaic materials. <i>New Journal of Chemistry</i> , 2020, 44, 13319-13329.	2.8	4
5	Design and structural modification of narrow-bandgap small molecules based on asymmetric porphyrin-diketopyrrolopyrrole backbone for solution-processed organic solar cells. <i>Dyes and Pigments</i> , 2020, 176, 108211.	3.7	14
6	Novel Small Four-armed Molecules with Triphenylamine-bridged Structure for Organic Solar Cells Featuring High Open-circuit Voltage. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 1032-1039.	2.6	2
7	Design of organic small molecules for photovoltaic application with high open-circuit voltage (V_{oc}). <i>Journal of Materials Chemistry C</i> , 2019, 7, 2487-2521.	5.5	57
8	Efficient design and structural modifications for tuning the photoelectric properties of small-molecule acceptors in organic solar cells. <i>New Journal of Chemistry</i> , 2019, 43, 6577-6586.	2.8	13
9	Tuning photovoltaic performance of DOBT-based dyes via molecular design with ethynyl-linker and terminal electron-donating segment. <i>Dyes and Pigments</i> , 2017, 140, 203-211.	3.7	24
10	Efficient small molecule photovoltaic donor based on 2,3-diphenyl-substituted quinoxaline core for solution-processed organic solar cells. <i>RSC Advances</i> , 2017, 7, 23779-23786.	3.6	9
11	Narrow band gap isoindigo-based small molecules for solution-processed organic solar cells with high open-circuit voltage. <i>Synthetic Metals</i> , 2016, 220, 448-454.	3.9	6
12	Linkage effect of push-pull-structure organic small molecules for photovoltaic application. <i>Science China Materials</i> , 2016, 59, 371-388.	6.3	16
13	Tuning the photovoltaic performance of BT-TPA chromophore based solution-processed solar cells through molecular design incorporating of bithiophene unit and fluorine-substitution. <i>Dyes and Pigments</i> , 2015, 118, 37-44.	3.7	22
14	D-A-D-type low band gap diketopyrrolopyrrole based small molecules containing an ethynyl-linkage: synthesis and photovoltaic properties. <i>RSC Advances</i> , 2015, 5, 31606-31614.	3.6	37
15	High open-circuit voltage of the solution-processed organic solar cells based on benzothiadiazole-triphenylamine small molecules incorporating Linkage. <i>Organic Electronics</i> , 2014, 15, 1138-1148.	2.6	26
16	High performance asymmetrical push-pull small molecules end-capped with cyanophenyl for solution-processed solar cells. <i>Chemical Communications</i> , 2014, 50, 10251-10254.	4.1	61
17	Linkage effects of linear D-A-D type diketopyrrolopyrrole-triphenylamine based solution-processable organic small molecule photovoltaic materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4019.	5.5	34
18	The synthesis and photovoltaic properties of A-D-A-type small molecules containing diketopyrrolopyrrole terminal units. <i>New Journal of Chemistry</i> , 2013, 37, 632-639.	2.8	51

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19	D-π-A type benzothiadiazole-triphenylamine based small molecules containing cyano on the π-bridge for solution-processed organic solar cells with high open-circuit voltage. <i>Chemical Communications</i> , 2012, 48, 10627.	4.1	83
20	D-A-D low band gap molecule containing triphenylamine and benzoxadiazole/benzothiadiazole units: Synthesis and photophysical properties. <i>Dyes and Pigments</i> , 2012, 95, 229-235.	3.7	55