

Yan-DuO Lin

List of Publications by Year in descending order

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papers

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citations

430874
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times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance perovskite solar cells based on dopant-free hole-transporting material fabricated by a thermal-assisted blade-coating method with efficiency exceeding 21%. Chemical Engineering Journal, 2022, 427, 131609.	12.7	37
2	A star-shaped cyclopentadithiophene-based dopant-free hole-transport material for high-performance perovskite solar cells. Chemical Communications, 2021, 57, 6444-6447.	4.1	16
3	Molecularly Engineered Cyclopenta[2,1- <i>b</i> ;3,4- <i>b'</i>]dithiophene-Based Hole-Transporting Materials for High-Performance Perovskite Solar Cells with Efficiency over 19%. ACS Applied Energy Materials, 2021, 4, 4719-4728.	5.1	21
4	Thiophene-Fused Butterfly-Shaped Polycyclic Arenes with a Diphenanthro[9,10- <i>b</i> :9' <i>a'</i>]-thiophene Core for Highly Efficient and Stable Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 50495-50504.	8.0	11
5	Donor-Acceptor-Donor-Type Cyclopenta[2,1- <i>b</i> ;3,4- <i>b'</i>]Dithiophene Derivatives As a New Class of Hole Transporting Materials for Highly Efficient and Stable Perovskite Solar Cells. ECS Meeting Abstracts, 2020, MA2020-01, 889-889.	0.0	0
6	Donor-Acceptor-Donor Type Cyclopenta[2,1- <i>b</i> ;3,4- <i>b'</i>]dithiophene Derivatives as a New Class of Hole Transporting Materials for Highly Efficient and Stable Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 7070-7082.	5.1	32
7	Rational Design of Cyclopenta[2,1- <i>b</i> ;3,4- <i>b'</i>]dithiophene-bridged Hole Transporting Materials for Highly Efficient and Stable Perovskite Solar Cells. Energy Technology, 2019, 7, 307-316.	3.8	18
8	New Helicene-Type Hole-Transporting Molecules for High-Performance and Durable Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 41439-41449.	8.0	43
9	Highly efficient and stable semi-transparent perovskite solar modules with a trilayer anode electrode. Nanoscale, 2018, 10, 17699-17704.	5.6	34
10	Hole-Transporting Materials Based on Twisted Bimesitylenes for Stable Perovskite Solar Cells with High Efficiency. ChemSusChem, 2016, 9, 274-279.	6.8	48
11	Organic Dyes Containing a 1,3-Indandione Moiety as Light Harvesting Materials. Journal of the Chinese Chemical Society, 2015, 62, 832-837.	1.4	3
12	Pyridomethene-BF ₂ complex/phenothiazine hybrid sensitizer with high molar extinction coefficient for efficient, sensitized solar cells. Journal of Materials Chemistry A, 2015, 3, 16831-16842.	10.3	30
13	Synthesis, physical properties, and structure of TIPS-difuranoacenes. Tetrahedron Letters, 2014, 55, 1424-1427.	1.4	4
14	A pyridomethene-BF ₂ complex-based chemosensor for detection of hydrazine. RSC Advances, 2013, 3, 17924.	3.6	58
15	The synthesis and ambipolar charge transport properties of 1,2,3,4-tetrafluoropentacene. Tetrahedron Letters, 2013, 54, 903-906.	1.4	13
16	Reaction-Based Colorimetric and Ratiometric Fluorescence Sensor for Detection of Cyanide in Aqueous Media. Chemistry - an Asian Journal, 2012, 7, 2864-2871.	3.3	64
17	Tetracene-based field-effect transistors using solution processes. Journal of Materials Chemistry, 2012, 22, 13070.	6.7	34
18	Fluorine substituent effect on organic dyes for sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 230, 47-54.	3.9	27

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19	A highly selective colorimetric and turn-on fluorescent probe for cyanide anion. Tetrahedron, 2012, 68, 2523-2526.	1.9	80
20	Geometrical effect of stilbene on the performance of organic dye-sensitized solar cells. Journal of Materials Chemistry, 2011, 21, 14907.	6.7	50
21	Meta versus para substituent effect of organic dyes for sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 192-202.	3.9	29
22	A Pentiptyceneâ€Derived Molecular Brake: Photochemical Z^{E} and Electrochemical Z^{E} Switching of an Enone Module. Chemistry - A European Journal, 2011, 17, 1193-1200.	3.3	36
23	White Light-Emitting Devices Based on Star-Shape Polymers with a Bisindolylmaleimide Core. Macromolecules, 2010, 43, 5925-5931.	4.8	48
24	Synthesis, Dual Fluorescence, and Fluoroionophoric Behavior of Dipyridylaminomethylstilbenes. Journal of Organic Chemistry, 2005, 70, 6066-6073.	3.2	44
25	Zn(II)-Induced Ground-State π -Deconjugation and Excited-State Electron Transfer in N,N-Bis(2-pyridyl)amino-Substituted Arenes. Journal of Organic Chemistry, 2004, 69, 3517-3525.	3.2	50