

# Yan-DuO Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

830  
citations

430442

18  
h-index

610482

24  
g-index

26  
all docs

26  
docs citations

26  
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%. <i>Chemical Engineering Journal</i> , 2022, 427, 131609.	6.6	37
2	A star-shaped cyclopentadithiophene-based dopant-free hole-transport material for high-performance perovskite solar cells. <i>Chemical Communications</i> , 2021, 57, 6444-6447.	2.2	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%. <i>ACS Applied Energy Materials</i> , 2021, 4, 4719-4728.	2.5	21
4	Thiophene-Fused Butterfly-Shaped Polycyclic Arenes with a Diphenanthro[9,10- <i>b</i> ;9,10- <i>d</i> ]thiophene Core for Highly Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50495-50504.	4.0	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. <i>ECS Meeting Abstracts</i> , 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. <i>ACS Applied Energy Materials</i> , 2019, 2, 7070-7082.	2.5	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. <i>Energy Technology</i> , 2019, 7, 307-316.	1.8	18
8	New Helicene-Type Hole-Transporting Molecules for High-Performance and Durable Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41439-41449.	4.0	43
9	Highly efficient and stable semi-transparent perovskite solar modules with a trilayer anode electrode. <i>Nanoscale</i> , 2018, 10, 17699-17704.	2.8	34
10	Hole-Transporting Materials Based on Twisted Bimesitylenes for Stable Perovskite Solar Cells with High Efficiency. <i>ChemSusChem</i> , 2016, 9, 274-279.	3.6	48
11	Organic Dyes Containing a 1,3-Indandione Moiety as Light Harvesting Materials. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 832-837.	0.8	3
12	Pyridomethene-BF <sub>2</sub> complex/phenothiazine hybrid sensitizer with high molar extinction coefficient for efficient, sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16831-16842.	5.2	30
13	Synthesis, physical properties, and structure of TIPS-difuranoacenes. <i>Tetrahedron Letters</i> , 2014, 55, 1424-1427.	0.7	4
14	A pyridomethene-BF <sub>2</sub> complex-based chemosensor for detection of hydrazine. <i>RSC Advances</i> , 2013, 3, 17924.	1.7	58
15	The synthesis and ambipolar charge transport properties of 1,2,3,4-tetrafluoropentacene. <i>Tetrahedron Letters</i> , 2013, 54, 903-906.	0.7	13
16	Reaction-Based Colorimetric and Ratiometric Fluorescence Sensor for Detection of Cyanide in Aqueous Media. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2864-2871.	1.7	64
17	Tetracene-based field-effect transistors using solution processes. <i>Journal of Materials Chemistry</i> , 2012, 22, 13070.	6.7	34
18	Fluorine substituent effect on organic dyes for sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 230, 47-54.	2.0	27

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19	A highly selective colorimetric and turn-on fluorescent probe for cyanide anion. <i>Tetrahedron</i> , 2012, 68, 2523-2526.	1.0	80
20	Geometrical effect of stilbene on the performance of organic dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 14907.	6.7	50
21	Meta versus para substituent effect of organic dyes for sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 192-202.	2.0	29
22	A Pentiptyceneâ€Derived Molecular Brake: Photochemical <i>Off</i> and Electrochemical <i>On</i> Switching of an Enone Module. <i>Chemistry - A European Journal</i> , 2011, 17, 1193-1200.	1.7	36
23	White Light-Emitting Devices Based on Star-Shape Polymers with a Bisindolylmaleimide Core. <i>Macromolecules</i> , 2010, 43, 5925-5931.	2.2	48
24	Synthesis, Dual Fluorescence, and Fluoroionophoric Behavior of Dipyridylaminomethylstilbenes. <i>Journal of Organic Chemistry</i> , 2005, 70, 6066-6073.	1.7	44
25	Zn(II)-Induced Ground-State $\pi$ -Deconjugation and Excited-State Electron Transfer in N,N-Bis(2-pyridyl)amino-Substituted Arenes. <i>Journal of Organic Chemistry</i> , 2004, 69, 3517-3525.	1.7	50