

Jianhua Zou

List of Publications by Year in descending order

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33
papers

1,431
citations

304743

22
h-index

395702

33
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all docs

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docs citations

33
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Negative-Bias Illumination Temperature Stability of Praseodymium-Doped InGaO Thin-Film Transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2000812.	1.8	5
2	Improved performance of inverted quantum dot light-emitting diodes by blending the small-molecule and polymer materials as hole transport layer. <i>Organic Electronics</i> , 2020, 80, 105618.	2.6	15
3	Improved performance of quantum dot light-emitting diodes by hybrid electron transport layer comprised of ZnO nanoparticles doped organic small molecule. <i>Organic Electronics</i> , 2019, 74, 144-151.	2.6	18
4	Preparation of efficient quantum dot light-emitting diodes by balancing charge injection and sensitizing emitting layer with phosphorescent dye. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5755-5763.	5.5	43
5	Trap-Assisted Enhanced Bias Illumination Stability of Oxide Thin Film Transistor by Praseodymium Doping. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5232-5239.	8.0	34
6	High-Efficiency and High-Luminance Three-Color White Organic Light-Emitting Diodes with Low Efficiency Roll-Off. <i>ECS Journal of Solid State Science and Technology</i> , 2018, 7, R99-R103.	1.8	9
7	Efficient Bipolar Blue AIEgens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs. <i>Advanced Functional Materials</i> , 2018, 28, 1803369.	14.9	130
8	Improving Thermal Stability of Solution-Processed Indium Zinc Oxide Thin-Film Transistors by Praseodymium Oxide Doping. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28764-28771.	8.0	20
9	Fully Solution-Processed Tandem White Quantum-Dot Light-Emitting Diode with an External Quantum Efficiency Exceeding 25%. <i>ACS Nano</i> , 2018, 12, 6040-6049.	14.6	82
10	Manipulation of exciton distribution for high-performance fluorescent/phosphorescent hybrid white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7668-7683.	5.5	95
11	Doping-free tandem white organic light-emitting diodes. <i>Science Bulletin</i> , 2017, 62, 1193-1200.	9.0	37
12	High-Performance Doping-Free Hybrid White OLEDs Based on Blue Aggregation-Induced Emission Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34162-34171.	8.0	66
13	Full-color quantum dots active matrix display fabricated by ink-jet printing. <i>Science China Chemistry</i> , 2017, 60, 1349-1355.	8.2	67
14	Manipulation of Charge and Exciton Distribution Based on Blue Aggregation-Induced Emission Fluorophors: A Novel Concept to Achieve High-Performance Hybrid White Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 776-783.	14.9	194
15	High-performance doping-free hybrid white organic light-emitting diodes: The exploitation of ultrathin emitting nanolayers ($\leq 1\text{ nm}$). <i>Nano Energy</i> , 2016, 26, 26-36.	16.0	88
16	Improved performance of inverted quantum dots light emitting devices by introducing double hole transport layers. <i>Organic Electronics</i> , 2016, 31, 82-89.	2.6	59
17	Efficient single-emitting layer hybrid white organic light-emitting diodes with low efficiency roll-off, stable color and extremely high luminance. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 85-91.	5.8	20
18	Harnessing charge and exciton distribution towards extremely high performance: the critical role of guests in single-emitting-layer white OLEDs. <i>Materials Horizons</i> , 2015, 2, 536-544.	12.2	48

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19	A host-guest system comprising high guest concentration to achieve simplified and high-performance hybrid white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6359-6366.	5.5	38
20	High-performance hybrid white organic light-emitting diodes employing p-type interlayers. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 240-244.	5.8	19
21	Regulating charges and excitons in simplified hybrid white organic light-emitting diodes: The key role of concentration in single dopant host-guest systems. <i>Organic Electronics</i> , 2014, 15, 2616-2623.	2.6	32
22	Simplified hybrid white organic light-emitting diodes with efficiency/efficiency roll-off/color rendering index/color-stability trade-off. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 719-723.	2.4	14
23	Investigation and optimization of each organic layer: A simple but effective approach towards achieving high-efficiency hybrid white organic light-emitting diodes. <i>Organic Electronics</i> , 2014, 15, 926-936.	2.6	36
24	Very-High Color Rendering Index Hybrid White Organic Light-Emitting Diodes with Double Emitting Nanolayers. <i>Nano-Micro Letters</i> , 2014, 6, 335-339.	27.0	34
25	The effect of spacer in hybrid white organic light emitting diodes. <i>Science Bulletin</i> , 2014, 59, 3090-3097.	1.7	14
26	Extremely stable-color flexible white organic light-emitting diodes with efficiency exceeding 100 lm W ⁻¹ . <i>Journal of Materials Chemistry C</i> , 2014, 2, 9836-9841.	5.5	48
27	Simultaneous achievement of low efficiency roll-off and stable color in highly efficient single-emitting-layer phosphorescent white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5870-5877.	5.5	23
28	Hybrid white organic light emitting diodes with low efficiency roll-off, stable color and extreme brightness. <i>Journal of Luminescence</i> , 2014, 151, 161-164.	3.1	17
29	Efficient hybrid white organic light-emitting diodes with extremely long lifetime: the effect of n-type interlayer. <i>Scientific Reports</i> , 2014, 4, 7198.	3.3	42
30	Investigation on spacers and structures: A simple but effective approach toward high-performance hybrid white organic light emitting diodes. <i>Synthetic Metals</i> , 2013, 184, 5-9.	3.9	16
31	Highly efficient red phosphorescent organic light-emitting diodes based on solution processed emissive layer. <i>Journal of Luminescence</i> , 2013, 142, 35-39.	3.1	22
32	Comprehensive Study on the Electron Transport Layer in Blue Fluorescent Organic Light-Emitting Diodes. <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, R258-R261.	1.8	24
33	High-Performance Hybrid White Organic Light-Emitting Diodes Comprising Ultrathin Blue and Orange Emissive Layers. <i>Applied Physics Express</i> , 2013, 6, 122101.	2.4	22