Jingsong Huang

List of Publications by Year
in descending order

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59 papers	2,894 citations	236925 25 h-index	223800 46 g-index
59 all docs	59 docs citations	59 times ranked	3541 citing authors

#	Article	IF	Citations
1	Investigation of the Effects of Doping and Post-Deposition Treatments on the Conductivity, Morphology, and Work Function of Poly(3,4-ethylenedioxythiophene)/Poly(styrene sulfonate) Films. Advanced Functional Materials, 2005, 15, 290-296.	14.9	469
2	Doped organic semiconductors: Physics and application in light emitting diodes. Organic Electronics, 2003, 4, 89-103.	2.6	376
3	Low-voltage organic electroluminescent devices using pin structures. Applied Physics Letters, 2002, 80, 139-141.	3.3	325
4	Influence of thermal treatment on the conductivity and morphology of PEDOT/PSS films. Synthetic Metals, 2003, 139, 569-572.	3.9	205
5	Low-voltage inverted transparent vacuum deposited organic light-emitting diodes using electrical doping. Applied Physics Letters, 2002, 81, 922-924.	3.3	156
6	A Multilayered Polymer Light-Emitting Diode Using a Nanocrystalline Metal-Oxide Film as a Charge-Injection Electrode. Advanced Materials, 2007, 19, 683-687.	21.0	125
7	White light emission induced by confinement in organic multiheterostructures. Applied Physics Letters, 1999, 74, 641-643.	3.3	107
8	High efficiency flexible ITO-free polymer/fullerene photodiodes. Physical Chemistry Chemical Physics, 2006, 8, 3904.	2.8	101
9	Highly sensitive fluorescence detection system for microfluidic lab-on-a-chip. Lab on A Chip, 2011, 11, 1664.	6.0	77
10	Patterning of organic devices by interlayer lithography. Journal of Materials Chemistry, 2007, 17, 1043.	6.7	68
11	High performance, flexible polymer light-emitting diodes (PLEDs) with gravure contact printed hole injection and light emitting layers. Organic Electronics, 2010, 11, 1088-1095.	2.6	68
12	Improvement of organic light-emitting diodes performance by the insertion of a Si3N4 layer. Thin Solid Films, 2000, 363, 25-28.	1.8	66
13	Role of electron injection in polyfluorene-based light emitting diodes containing PEDOT:PSS. Physical Review B, 2005, 71, .	3.2	58
14	Efficient flexible polymer light emitting diodes with conducting polymer anodes. Journal of Materials Chemistry, 2007, 17, 3551.	6.7	56
15	High-brightness organic double-quantum-well electroluminescent devices. Applied Physics Letters, 2000, 77, 1750.	3.3	46
16	Influence of the thickness and doping of the emission layer on the performance of organic light-emitting diodes with PiN structure. Journal of Applied Physics, 2003, 93, 838-844.	2.5	44
17	On the pseudo-symmetric currentâ€“voltage response of bulk heterojunction solar cells. Journal of Materials Chemistry, 2008, 18, 1644.	6.7	44
18	Effect of well number on organic multiple-quantum-well electroluminescent device characteristics. Applied Physics Letters, 1998, 73, 3348-3350.	3.3	43

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19	Toward Electrically Pumped Organic Lasers: A Review and Outlook on Material Developments and Resonator Architectures. Advanced Photonics Research, 2021, 2, 2000155.	3.6	42
20	Elimination of hole injection barriers by conducting polymer anodes in polyfluorene light-emitting diodes. Physical Review B, 2006, 74, .	3.2	41
21	Organic white light electroluminescent devices. Thin Solid Films, 2000, 363, 294-297.	1.8	33
22	Micron-scale patterning of high conductivity poly(3,4-ethylendioxythiophene):poly(styrenesulfonate) for organic field-effect transistors. Organic Electronics, 2010, 11, 1307-1312.	2.6	33
23	Influence of poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) in polymer LEDs. Physical Review B, 2006, 74, .	3.2	30
24	Universal and versatile morphology engineering via hot fluorous solvent soaking for organic bulk heterojunction. Nature Communications, 2020, 11, 5585.	12.8	29
25	Organic low-dimensional structure electroluminescent material characteristics and devices. Optical and Quantum Electronics, 2001, 33, 1163-1171.	3.3	28
26	Violetâ€“blue electroluminescent diodes utilizing conjugated polymer blends. Synthetic Metals, 1997, 87, 105-108.	3.9	27
27	Tuning of chromaticity in organic multiple-quantum well white light emitting devices. Synthetic Metals, 2000, 108, 81-84.	3.9	24
28	On the use and influence of electron-blocking interlayers in polymer light-emitting diodes. Physical Chemistry Chemical Physics, 2009, 11, 3455.	2.8	21
29	Low Operating Voltage and High Efficiency Organic Multilayer Electroluminescent Devices with p-Type Doped Hole Injection Layer. Japanese Journal of Applied Physics, 2001, 40, 6630-6633.	1.5	18
30	Rapid Patterning of Singleâ€Wall Carbon Nanotubes by Interlayer Lithography. Small, 2010, 6, 2530-2534.	10.0	18
31	High Efficient Green Emission from Organic Multi-quantum Wells Structure. Chinese Physics Letters, 1999, 16, 149-151.	3.3	17
32	Influence of the Energy Level Matching on the Performances of Organic/Polymeric Electroluminescent Devices. Chinese Physics Letters, 1996, 13, 790-793.	3.3	12
33	High Brightness and Efficiency Yellow-Emitting Organic Electroluminescent Device. Chinese Physics Letters, 1999, 16, 226-228.	3.3	10
34	Title is missing!. Optical and Quantum Electronics, 2001, 33, 165-172.	3.3	9
35	Flexible Blue Light Emitting Diodes Made from Dye Doped Poly(N-Vinylcarbazole) with Multilayer Structure. Chinese Physics Letters, 1997, 14, 74-76.	3.3	8
36	An Organic Quantum-Well Electroluminescent Device with Enhanced Performance. Chinese Physics Letters, 2001, 18, 1658-1659.	3.3	8

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37	Organic light emitting diodes and photodetectors: Toward applications in lab-on-a-chip portable devices. , 2005, 6036, 406.		8
38	Breath figure pattern formation as a means to fabricate micro-structured organic light-emitting diodes. Journal of Physics Condensed Matter, 2007, 19, 016203.	1.8	7
39	Systematic strategy for high-performance small molecular hybrid white OLED via blade coating at ambient condition. Organic Electronics, 2022, 100, 106366.	2.6	7
40	Highly Efficient Perovskite Solar Cell Based on PVK Hole Transport Layer. Polymers, 2022, 14, 2249.	4.5	7
41	Optical and electrical characteristics of organic electroluminescent devices with multiple-quantum-well structure. Journal Physics D: Applied Physics, 1999, 32, 2841-2845.	2.8	6
42	Effects of alternate doped structures on organic electroluminescent devices. Thin Solid Films, 2002, 408, 206-210.	1.8	6
43	Highly efficient and low-operating-voltage OLEDs for active and passive matrix displays. , 2004, 5214, 172.		3
44	Enhanced Hole Injection and Brightness of Organic Electroluminescent Devices with Indium Tin Oxide Surface Modification Using Oxygen Plasma Treatment. Chinese Physics Letters, 1998, 15, 537-538.	3.3	2
45	<title>Blue light-emitting diodes from polymer blends</title>. , 1996, , .		1
46	I - V Characteristics of Metal/Polynitrobenzene Junctions. Chinese Physics Letters, 1997, 14, 375-378.	3.3	1
47	Highly efficient and bright doped organic electroluminescent diodes using an aluminum electrode. Optical and Quantum Electronics, 1999, 31, 1227-1233.	3.3	1
48	Synthesis of poly(2,5-di-n-butoxy-p-phenylene vinylene) and its application in light-emitting diodes. Polymer Engineering and Science, 2000, 40, 1606-1610.	3.1	1
49	33.3: Invited Paper: OLEDs with Doped Transport Layers for Highly Efficient Displays. Digest of Technical Papers SID International Symposium, 2003, 34, 1076.	0.3	1
50	Gravure contact printing of flexible, high-performance polymer light emitting diodes for large-area displays and lighting. Materials Research Society Symposia Proceedings, 2011, 1340, 1.	0.1	1
51	<title>Blue emission dye doped polymer-based electroluminescent devices for display</title>. Proceedings of SPIE, 1996, , .	0.8	0
52	<title>Bright blue electroluminescence from Poly(N-vinylcarbazole) doped with two dyes</title>. , 1996, , .		0
53	Organic electroluminescent devices and their application. European Physical Journal D, 1999, 49, 849-857.	0.4	0
54	Efficient white-light-emitting organic/polymeric electroluminescent device. , 1999, , .		0

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55	Organic single-quantum-well electroluminescent device. Optical and Quantum Electronics, 2000, 32, 117-123.	3.3	0
56	Chromaticity-tunable white light emission from organic multiple-quantum-well structure. Optical and Quantum Electronics, 2000, 32, 1325-1331.	3.3	0
57	Photoluminescence and electroluminescence of a soluble poly(p-phenylene vinylene) film. Thin Solid Films, 2001, 382, 214-217.	1.8	0
58	<title>Ultra-low voltage organic light-emitting diodes based on PiN structures</title>. , 2002, 4642, 97.		0
59	Phenothiazine-benzimidazole based architecture as an efficient interfacial charge transport layer for perovskite blue light emitting diodes. , 2021, , .		0