Gufeng He

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2824721/publications.pdf

Version: 2024-02-01

57	1,227	361413	377865
papers	citations	20 h-index	34 g-index

58	58	58	1958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€“Organic Framework for Efficient Electron Injection. Advanced Optical Materials, 2021, 9, 2002053.	7.3	2
2	Enhanced performance of inverted CsPbBr3 nanocrystal LEDs via Zn(II) doping. Organic Electronics, 2021, 96, 106253.	2.6	9
3	Highâ€Efficiency Nondoped White Organic Lightâ€Emitting Diodes Based on Allâ€Exciplex Emission. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100064.	1.8	2
4	Dynamic Holographic Display Based on Perovskite Nanocrystal Doped Liquid Crystal Film. IEEE Photonics Journal, 2021, 13, 1-6.	2.0	2
5	85â€5: Lateâ€Newsâ€Paper: Real Time Dynamic Holographic Display Based on Perovskite Doped Liquid Crystal. Digest of Technical Papers SID International Symposium, 2020, 51, 1292-1295.	0.3	0
6	Enhancing the performance of LARP-synthesized CsPbBr₃ nanocrystal LEDs by employing a dual hole injection layer. RSC Advances, 2020, 10, 17653-17659.	3.6	13
7	Enhanced hole injection by introducing an electron-withdrawing layer in inverted quantum dot light-emitting diodes. Organic Electronics, 2019, 68, 22-27.	2.6	12
8	High Efficiency Nonâ€Doped White Organic Light Emitting Diodes Based on a Bilayer Interfaceâ€Exciplex Structure. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900034.	1.8	9
9	Highly reliable copper nanowire electrode with enhanced transmittance and robustness for organic light emitting diodes. Organic Electronics, 2019, 65, 70-76.	2.6	12
10	High efficiency non-doped white organic light-emitting diodes based on blue exciplex emission. Organic Electronics, 2018, 56, 216-220.	2.6	15
11	43.3: Room Temperature Solution Processing Silver Nanowire Transparent Electrode by Combining with a Biocompatible Polymer for Organic Light Emitting Diode. Digest of Technical Papers SID International Symposium, 2018, 49, 471-474.	0.3	1
12	Highly conductive silver nanowire transparent electrode by selective welding for organic light emitting diode. Organic Electronics, 2018, 60, 9-15.	2.6	48
13	Pâ€113: Improving the Carrier Balance with Hybrid Hole Transporting Layer and Electron Blocking Layer in Quantum Dot Lightâ€Emitting Diodes. Digest of Technical Papers SID International Symposium, 2018, 49, 1636-1639.	0.3	2
14	Revealing the influence of hole injection material's molecular orientation on OLED's performance. Organic Electronics, 2018, 59, 301-305.	2.6	9
15	Highly robust and ultrasmooth copper nanowire electrode by one-step coating for organic light-emitting diodes. Journal of Materials Chemistry C, 2018, 6, 9158-9165.	5.5	22
16	33â€4: Enhanced Adhesion and Stability of Silver Nanowire Transparent Electrode for OLED by Compositing with a Biocompatible Polymer without High Temperature Treatment. Digest of Technical Papers SID International Symposium, 2018, 49, 422-425.	0.3	1
17	Hydrofluoroethers as orthogonal solvents for all-solution processed perovskite quantum-dot light-emitting diodes. Nano Energy, 2018, 51, 358-365.	16.0	40
18	A highly conductive and smooth AgNW/PEDOT:PSS film treated by hot-pressing as electrode for organic light emitting diode. Organic Electronics, 2017, 43, 182-188.	2.6	53

#	Article	IF	Citations
19	Enhanced performances of quantum dot light-emitting diodes with doped emitting layers by manipulating the charge carrier balance. Journal of Materials Chemistry C, 2017, 5, 5018-5023.	5.5	9
20	Low roughness silver nanowire flexible transparent electrode by low temperature solution-processing for organic light emitting diodes. Organic Electronics, 2017, 49, 9-18.	2.6	56
21	Highly Conductive and Uniform Alginate/Silver Nanowire Composite Transparent Electrode by Room Temperature Solution Processing for Organic Light Emitting Diode. ACS Applied Materials & Interfaces, 2017, 9, 11811-11818.	8.0	58
22	A Unique Blend of 2â€Fluorenylâ€2â€anthracene and 2â€Anthrylâ€2â€anthracence Showing White Emission and High Charge Mobility. Angewandte Chemie - International Edition, 2017, 56, 722-727.	13.8	94
23	A Unique Blend of 2â€Fluorenylâ€2â€anthracene and 2â€Anthrylâ€2â€anthracence Showing White Emission and High Charge Mobility. Angewandte Chemie, 2017, 129, 740-745.	2.0	70
24	Novel Solutionâ€Processed ZnOâ€Based Electron Injection Layer for Organic Lightâ€Emitting Diodes. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700583.	1.8	15
25	Achieving Hybridized Local and Chargeâ€Transfer Excited State and Excellent OLED Performance Through Facile Doping. Advanced Optical Materials, 2017, 5, 1700466.	7.3	25
26	Highly conductive PEDOT:PSS and graphene oxide hybrid film from a dipping treatment with hydroiodic acid for organic light emitting diodes. Journal of Materials Chemistry C, 2016, 4, 8528-8534.	5.5	36
27	Hole-transporting small molecules as a mixed host for efficient solution processed green phosphorescent organic light emitting diodes. Organic Electronics, 2016, 38, 29-34.	2.6	10
28	Angular BN-Heteroacenes with syn-Structure-Induced Promising Properties as Host Materials of Blue Organic Light-Emitting Diodes. Organic Letters, 2016, 18, 3618-3621.	4.6	57
29	Phosphorus and silicon-bridged stilbenes: synthesis and optoelectronic properties. Dalton Transactions, 2016, 45, 18308-18312.	3.3	20
30	High-Efficiency Video-Rate Holographic Display Using Quantum Dot Doped Liquid Crystal. Journal of Display Technology, 2016, 12, 362-367.	1.2	23
31	Pâ€130: Highly Conductive Graphene and PEDOT: PSS Hybrid Film with the Treatment by Hydroiodic Acid for Indium Tin Oxideâ€Free Flexible Organic Light Emitting Diodes. Digest of Technical Papers SID International Symposium, 2015, 46, 1654-1657.	0.3	1
32	Transmissive Interferometric Display With Single-Layer Fabryâ€“PÃ©rot Filter. Journal of Display Technology, 2015, 11, 715-719.	1.2	9
33	AIE-active mechanochromic materials based N-phenylcarbazol-substituted tetraarylethene for OLED applications. RSC Advances, 2015, 5, 19176-19181.	3.6	19
34	Inverted Tandem Phosphorescence Organic Light-Emitting Diodes Based on <formula formulatype="inline"><tex Notation="TeX">$hbox{MoO}_{3}/hbox{Al/Cs}_{2}hbox{CO}_{3}$</tex> </formula> Charge Generation Unit. Journal of Display Technology, 2015, 11, 341-345.	1.2	8
35	PVP-assisted synthesis of shape-controlled CuFeS2 nanocrystals for Li-ion batteries. Journal of Materials Science, 2015, 50, 4250-4257.	3.7	48
36	Highly Efficient and Stable Electron Injection Layer for Inverted Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2015, 7, 6438-6443.	8.0	19

#	Article	IF	Citations
37	Dynamics of peristrophic multiplexing in holographic polymer-dispersed liquid crystal. Liquid Crystals, 2014, 41, 673-684.	2.2	9
38	Pâ€141: WITHDRAWN: Pâ€142: Highly Efficient Inverted Phosphorescence OLEDs Based on Ultrathin Emitting Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 1518-1521.	0.3	0
39	Pâ€93: Highly Conductive and Uniform Graphene hybrid Electrode with Chemical Reduction for Flexible Organic Lightâ€Emitting Diodes. Digest of Technical Papers SID International Symposium, 2014, 45, 1336-1339.	0.3	0
40	Pâ€143: Realization of High Efficiency Green Phosphorescent Topâ€emitting Organic Lightâ€emitting Diodes by Employing Ultrathin Nonâ€doped Emissive Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 1522-1525.	0.3	0
41	Low-voltage blue-phase liquid crystals with polyaniline-functionalized graphene nanosheets. Journal of Materials Chemistry C, 2014, 2, 1730.	5.5	29
42	Low-temperature MoO₃film from a facile synthetic route for an efficient anode interfacial layer in organic optoelectronic devices. Journal of Materials Chemistry C, 2014, 2, 158-163.	5.5	33
43	Video-Rate Holographic Display Using Azo-Dye-Doped Liquid Crystal. Journal of Display Technology, 2014, 10, 438-443.	1.2	46
44	26.1: Distinguished Paper: Singleâ€Layer Fabryâ€PÃ©rot Interferometric Display for Both Color and Intensity Modulations. Digest of Technical Papers SID International Symposium, 2014, 45, 338-340.	0.3	2
45	AIE-active, highly thermally and morphologically stable, mechanochromic and efficient solid emitters for low color temperature OLEDs. Journal of Materials Chemistry C, 2014, 2, 7552-7560.	5.5	56
46	Highly conductive and uniform graphene oxide modified PEDOT:PSS electrodes for ITO-Free organic light emitting diodes. Journal of Materials Chemistry C, 2014, 2, 4044-4050.	5.5	85
47	Highâ€efficiency organic lightâ€emitting diodes based on the gradient doping and nonlinear crossâ€fading doping in transporting layers. Journal of the Society for Information Display, 2014, 22, 83-88.	2.1	2
48	P.17: Integration of Solution Processed Oxide TFTs with Normal Structure OLEDs for Lowâ€voltage Operated Topâ€Emitting AMOLEDs. Digest of Technical Papers SID International Symposium, 2013, 44, 1044-1046.	0.3	1
49	High efficiency green phosphorescent organic light-emitting diodes with a low roll-off at high brightness. Organic Electronics, 2013, 14, 2854-2858.	2.6	41
50	Improved efficiency roll-off at high brightness in simplified phosphorescent organic light emitting diodes with a crossfading-host. Organic Electronics, 2013, 14, 2682-2686.	2.6	18
51	A highly efficient, transparent and stable charge generation unit based on a p-doped monolayer. Organic Electronics, 2013, 14, 1337-1343.	2.6	21
52	P.111: Double Hybrid Tandem White OLED Employing a Novel Charge Generation Unit. Digest of Technical Papers SID International Symposium, 2013, 44, 1403-1406.	0.3	4
53	Improved Kerr constant and response time of polymer-stabilized blue phase liquid crystal with a reactive diluent. Applied Physics Letters, 2013, 102, .	3.3	37
54	P.110: Highâ€Efficiency OLEDs Based on the Gradient Doping in Transporting Layers. Digest of Technical Papers SID International Symposium, 2013, 44, 1400-1402.	0.3	4

#	Article	IF	Citations
55	Double-layer Fabryâ€“PÃ©rot filter interferometric modulator display. Journal of Information Display, 2013, 14, 121-125.	4.0	3
56	Enhancing the Hole Injection and Transporting of Organic Light-Emitting Diodes by Utilizing Gradient Doping. Molecular Crystals and Liquid Crystals, 2013, 574, 129-134.	0.9	3
57	Improved efficiency of blue phosphorescence organic lightâ€emitting diodes with irregular stepwiseâ€doping emitting layers. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 489-493.	1.8	3