

Jun-Han Han

List of Publications by Year in descending order

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44
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44
all docs

44
docs citations

44
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	A prototype active-matrix OLED using graphene anode for flexible display application. Journal of Information Display, 2020, 21, 49-56.	4.0	24
2	Thin-film transistor-driven vertically stacked full-color organic light-emitting diodes for high-resolution active-matrix displays. Nature Communications, 2020, 11, 2732.	12.8	52
3	Technical issues and integration scheme for graphene electrode OLED panels. , 2020, , 73-98.		0
4	Display process compatible accurate graphene patterning for OLED applications. 2D Materials, 2018, 5, 014003.	4.4	17
5	Device Characteristics of Top-Emitting Organic Light-Emitting Diodes Depending on Anode Materials for CMOS-Based OLED Microdisplays. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	23
6	Luminescence enhancement of OLED lighting panels using a microlens array film. Journal of Information Display, 2018, 19, 179-184.	4.0	18
7	Overcoming the efficiency limit of organic light-emitting diodes using ultra-thin and transparent graphene electrodes. Optics Express, 2018, 26, 617.	3.4	9
8	Color-tunable organic light-emitting diodes with vertically stacked blue, green, and red colors for lighting and display applications. Optics Express, 2018, 26, 18351.	3.4	21
9	Mechanistic Understanding of Improved Performance of Graphene Cathode Inverted Organic Light-Emitting Diodes by Photoemission and Impedance Spectroscopy. ACS Applied Materials & Interfaces, 2018, 10, 26456-26464.	8.0	7
10	33â€²: Flexible OLED Panels with Pixilated Graphene Anode. Digest of Technical Papers SID International Symposium, 2018, 49, 415-417.	0.3	2
11	Efficient Large-Area Transparent OLEDs Based on a Laminated Top Electrode with an Embedded Auxiliary Mesh. ACS Photonics, 2017, 4, 1114-1122.	6.6	41
12	Stable angular emission spectra in white organic light-emitting diodes using graphene/PEDOT:PSS composite electrode. Optics Express, 2017, 25, 9734.	3.4	6
13	Area-selective external light extraction for metal bus equipped large area transparent organic light-emitting diodes. Optics Express, 2016, 24, 5356.	3.4	6
14	Highly efficient white transparent organic light emitting diodes with nano-structured substrate. Organic Electronics, 2016, 29, 72-78.	2.6	9
15	White Organic Light Emitting Diodes with a Random Scattering Layer for an Internal Light Extraction. ECS Journal of Solid State Science and Technology, 2016, 5, R3126-R3130.	1.8	4
16	Optical Effects of Graphene Electrodes on Organic Light-Emitting Diodes. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 48-53.	2.9	21
17	Flexion bonding transfer of multilayered graphene as a top electrode in transparent organic light-emitting diodes. Scientific Reports, 2015, 5, 17748.	3.3	35
18	46.2: A Novel Laminated Organic Lightâ€²Emitting Diodes with a Multiâ€²Layered Graphene Top Anode. Digest of Technical Papers SID International Symposium, 2015, 46, 688-691.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Paper No S4.4: Colored OLED With a Multilayered Graphene Electrode for Light-Adaptable Displays. Digest of Technical Papers SID International Symposium, 2015, 46, 20-20.	0.3	0
20	Organic wrinkles for energy efficient organic light emitting diodes. Organic Electronics, 2015, 26, 273-278.	2.6	45
21	Technical issues in graphene anode organic light emitting diodes. Diamond and Related Materials, 2015, 57, 68-73.	3.9	13
22	White transparent organic light-emitting diodes with high top and bottom color rendering indices. Journal of Information Display, 2015, 16, 161-168.	4.0	24
23	Surface Control of Planarization Layer on Embossed Glass for Light Extraction in OLEDs. ETRI Journal, 2014, 36, 847-855.	2.0	17
24	Random nanostructure scattering layer for suppression of microcavity effect and light extraction in OLEDs. Optics Letters, 2014, 39, 3527.	3.3	26
25	52.1: <i>Invited Paper</i>: Highly Efficient Transparent Organic Light Emitting Diodes with an Internal Random Nano-structured Scattering Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 750-753.	0.3	0
26	Random nano-structures as light extraction functionals for organic light-emitting diode applications. Organic Electronics, 2014, 15, 196-202.	2.6	84
27	A randomly nano-structured scattering layer for transparent organic light emitting diodes. Nanoscale, 2014, 6, 10727-10733.	5.6	37
28	Color temperature tunable white organic light-emitting diodes. Organic Electronics, 2014, 15, 189-195.	2.6	35
29	P.108: Organic Wrinkles as Optical Scattering Sources. Digest of Technical Papers SID International Symposium, 2013, 44, 1395-1396.	0.3	0
30	Organic/metal hybrid cathode for transparent organic light-emitting diodes. Organic Electronics, 2013, 14, 2039-2045.	2.6	16
31	P.106: Magnetic Resonant Wireless Power Transmission to Thin OLED Lighting Panel. Digest of Technical Papers SID International Symposium, 2013, 44, 1388-1391.	0.3	1
32	Transparent OLED Lighting Panel Design Using Two-Dimensional OLED Circuit Modeling. ETRI Journal, 2013, 35, 559-565.	2.0	14
33	Multilayered graphene anode for blue phosphorescent organic light emitting diodes. Applied Physics Letters, 2012, 100, .	3.3	57
34	Improved Device Performances in Phosphorescent Organic Light-Emitting Diodes by Microcavity Effects. Japanese Journal of Applied Physics, 2012, 51, 09MH01.	1.5	8
35	A new method for monitoring an OLED panel for lighting by sensing the wave-guided light. Journal of Information Display, 2012, 13, 119-123.	4.0	7
36	Blue fluorescent organic light emitting diodes with multilayered graphene anode. Materials Research Bulletin, 2012, 47, 2796-2799.	5.2	11

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37	Large area organic light emitting diodes with multilayered graphene anodes. Proceedings of SPIE, 2012, , .	0.8	2
38	Dependence of Light-Emitting Characteristics of Blue Phosphorescent Organic Light-Emitting Diodes on Electron Injection and Transport Materials. ETRI Journal, 2012, 34, 690-695.	2.0	19
39	Directed emissive high efficient white transparent organic light emitting diodes with double layered capping layers. Organic Electronics, 2012, 13, 1386-1391.	2.6	26
40	The Optical Effects of Capping Layers on the Performance of Transparent Organic Light-Emitting Diodes. IEEE Photonics Journal, 2012, 4, 39-47.	2.0	45
41	Improved Device Performances in Phosphorescent Organic Light-Emitting Diodes by Microcavity Effects. Japanese Journal of Applied Physics, 2012, 51, 09MH01.	1.5	8
42	Yellowing effects of TiO ₂ /Epoxy nano composite layer on organic light emitting diodes with internal light extraction structure. , 2011, , .		0
43	The Fabrication and Characterization of Organic Light-Emitting Diodes by Using Laser Patterned Anode. Journal of Nanoelectronics and Optoelectronics, 2010, 5, 161-164.	0.5	2
44	Transparent organic LEDs for new lighting applications. SPIE Newsroom, 0, , .	0.1	1