# Jun-Han Han

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10827527/publications.pdf

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| 44 | 794 | 471509 17 | 526287 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 44 | 44 | 44 | 830 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Random nano-structures as light extraction functionals for organic light-emitting diode applications. Organic Electronics, 2014, 15, 196-202. | 2.6 | 84 |
| 2 | Multilayered graphene anode for blue phosphorescent organic light emitting diodes. Applied Physics Letters, 2012, 100, . | 3.3 | 57 |
| 3 | 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 |
| 4 | 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 |
| 5 | Organic wrinkles for energy efficient organic light emitting diodes. Organic Electronics, 2015, 26, 273-278. | 2.6 | 45 |
| 6 | 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 |
| 7 | A randomly nano-structured scattering layer for transparent organic light emitting diodes. Nanoscale, 2014, 6, 10727-10733. | 5.6 | 37 |
| 8 | Color temperature tunable white organic light-emitting diodes. Organic Electronics, 2014, 15, 189-195. | 2.6 | 35 |
| 9 | Flexion bonding transfer of multilayered graphene as a top electrode in transparent organic light-emitting diodes. Scientific Reports, 2015, 5, 17748. | 3.3 | 35 |
| 10 | Directed emissive high efficient white transparent organic light emitting diodes with double layered capping layers. Organic Electronics, 2012, 13, 1386-1391. | 2.6 | 26 |
| 11 | Random nanostructure scattering layer for suppression of microcavity effect and light extraction in OLEDs. Optics Letters, 2014, 39, 3527. | 3.3 | 26 |
| 12 | 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 |
| 13 | A prototype active-matrix OLED using graphene anode for flexible display application. Journal of Information Display, 2020, 21, 49-56. | 4.0 | 24 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Luminescence enhancement of OLED lighting panels using a microlens array film. Journal of Information Display, 2018, 19, 179-184. | 4.0 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Surface Control of Planarization Layer on Embossed Glass for Light Extraction in OLEDs. ETRI Journal, 2014, 36, 847-855. | 2.0 | 17 |
| 20 | Display process compatible accurate graphene patterning for OLED applications. 2D Materials, 2018, 5, 014003. | 4.4 | 17 |
| 21 | Organic/metal hybrid cathode for transparent organic light-emitting diodes. Organic Electronics, 2013, 14, 2039-2045. | 2.6 | 16 |
| 22 | Transparent OLED Lighting Panel Design Using Two-Dimensional OLED Circuit Modeling. ETRI Journal, 2013, 35, 559-565. | 2.0 | 14 |
| 23 | Technical issues in graphene anode organic light emitting diodes. Diamond and Related Materials, 2015, 57, 68-73. | 3.9 | 13 |
| 24 | Blue fluorescent organic light emitting diodes with multilayered graphene anode. Materials Research Bulletin, 2012, 47, 2796-2799. | 5.2 | 11 |
| 25 | Highly efficient white transparent organic light emitting diodes with nano-structured substrate. Organic Electronics, 2016, 29, 72-78. | 2.6 | 9 |
| 26 | Overcoming the efficiency limit of organic light-emitting diodes using ultra-thin and transparent graphene electrodes. Optics Express, 2018, 26, 617. | 3.4 | 9 |
| 27 | Improved Device Performances in Phosphorescent Organic Light-Emitting Diodes by Microcavity Effects. Japanese Journal of Applied Physics, 2012, 51, 09MH01. | 1.5 | 8 |
| 28 | Improved Device Performances in Phosphorescent Organic Light-Emitting Diodes by Microcavity Effects. Japanese Journal of Applied Physics, 2012, 51, 09MH01. | 1.5 | 8 |
| 29 | 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 |
| 30 | 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 |
| 31 | Area-selective external light extraction for metal bus equipped large area transparent organic light-emitting diodes. Optics Express, 2016, 24, 5356. | 3.4 | 6 |
| 32 | Stable angular emission spectra in white organic light-emitting diodes using graphene/PEDOT:PSS composite electrode. Optics Express, 2017, 25, 9734. | 3.4 | 6 |
| 33 | 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 |
| 34 | Large area organic light emitting diodes with multilayered graphene anodes. Proceedings of SPIE, 2012, , . | 0.8 | 2 |
| 35 | 33â€²: Flexible OLED Panels with Pixilated Graphene Anode. Digest of Technical Papers SID International Symposium, 2018, 49, 415-417. | 0.3 | 2 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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 |
| 38 | 46.2: A Novel Laminated Organic Lightâ€Emitting Diodes with a Multiâ€Layered Graphene Top Anode. Digest of Technical Papers SID International Symposium, 2015, 46, 688-691. | 0.3 | 1 |
| 39 | Transparent organic LEDs for new lighting applications. SPIE Newsroom, 0, , . | 0.1 | 1 |
| 40 | Yellowing effects of TiO<inf>2</inf>/Epoxy nano composite layer on organic light emitting diodes with internal light extraction structure. , 2011, , . | | 0 |
| 41 | P.108: Organic Wrinkles as Optical Scattering Sources. Digest of Technical Papers SID International Symposium, 2013, 44, 1395-1396. | 0.3 | 0 |
| 42 | 52.1: Invited Paper: Highly Efficient Transparent Organic Light Emitting Diodes with an Internal Random Nanoâ€structured Scattering Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 750-753. | 0.3 | 0 |
| 43 | 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 |
| 44 | Technical issues and integration scheme for graphene electrode OLED panels. , 2020, , 73-98. | | 0 |