

Woo Young Kim

List of Publications by Year in descending order

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40
papers

301
citations

933447

10
h-index

940533

16
g-index

40
all docs

40
docs citations

40
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of Sequential Dexter Energy Transfer in High Efficient Phosphorescent White Organic Light-Emitting Diodes with Single Emissive Layer. Scientific Reports, 2014, 4, 7009.	3.3	38
2	Color optimization of single emissive white OLEDs via energy transfer between RGB fluorescent dopants. Journal of Luminescence, 2013, 143, 723-728.	3.1	30
3	Improved hole injection for blue phosphorescent organic light-emitting diodes using solution deposited tin oxide nano-particles decorated ITO anodes. Scientific Reports, 2019, 9, 2411.	3.3	24
4	Energy transfer between host and dopant molecules in blue organic light-emitting devices. Journal of Applied Physics, 2011, 110, .	2.5	22
5	Enhanced life time and suppressed efficiency roll-off in phosphorescent organic light-emitting diodes with multiple quantum well structures. AIP Advances, 2012, 2, .	1.3	16
6	Improvement of efficiency roll-off in blue phosphorescence OLED using double dopants emissive layer. Journal of Luminescence, 2015, 160, 346-350.	3.1	16
7	Luminescence of Rubrene and DCJTB molecules in organic light-emitting devices. Journal of Luminescence, 2014, 146, 314-320.	3.1	15
8	High efficient white organic light-emitting diodes with single emissive layer using phosphorescent red, green, and blue dopants. Applied Physics Letters, 2013, 103, .	3.3	12
9	Luminescence characteristics of hybrid dual emitting layers in blue organic light-emitting diodes by controlling the fluorescent doping concentration. Journal of Luminescence, 2014, 148, 72-78.	3.1	12
10	Highly efficient blue organic light-emitting diodes using quantum well-like multiple emissive layer structure. Nanoscale Research Letters, 2014, 9, 191.	5.7	11
11	Luminous efficiency enhancement in blue phosphorescent organic light-emitting diodes with an electron confinement layers. Optical Materials, 2015, 47, 78-82.	3.6	10
12	Spectroscopic study of white organic light-emitting devices with various thicknesses of emissive layer. Journal of Applied Physics, 2012, 111, 014507.	2.5	9
13	Efficiency enhancement of blue phosphorescent organic light-emitting diodes using mixed electron transport layer. Optical Materials, 2015, 39, 21-25.	3.6	8
14	Necessity of submonolayer LiF anode interlayers for improved device performance in blue phosphorescent OLEDs. Journal of Materials Science: Materials in Electronics, 2021, 32, 1161-1177.	2.2	8
15	High contrast green OLEDs using inorganic metal multi layer. Synthetic Metals, 2011, 161, 2211-2214.	3.9	7
16	Enhancement of external quantum efficiency and reduction of roll-off in blue phosphorescent organic light emitting diodes using TCTA inter-layer. Optical Materials, 2014, 37, 120-124.	3.6	7
17	Quenching in single emissive white phosphorescent organic light-emitting devices. Organic Electronics, 2016, 38, 230-237.	2.6	7
18	White Organic Light-Emitting Diodes Using Exciplex Emission with Multiple Emitting Layers. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700530.	1.8	7

#	ARTICLE	IF	CITATIONS
19	Soluble N-Type organic thin-film transistors with enhanced electrical characteristics. <i>Electronic Materials Letters</i> , 2013, 9, 865-869.	2.2	6
20	High Efficiency Blue Organic Light Emitting Devices doped by BCzVBi in Hole and Electron Transport Layer. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1567, 1.	0.1	5
21	Study of triplet exciton's energy transfer in white phosphorescent organic light-emitting diodes with multi-doped single emissive layer. <i>Optical Materials</i> , 2015, 40, 57-62.	3.6	5
22	Quantitative Analysis of Charge Distribution in Bi-Emissive layer White Organic Light-Emitting Diodes with Two Fluorescent Dopants. <i>Scientific Reports</i> , 2018, 8, 3172.	3.3	5
23	Efficient charge balance in blue phosphorescent organic light emitting diodes by two types of mixed layer. <i>Thin Solid Films</i> , 2015, 587, 61-65.	1.8	4
24	Confinement of holes and electrons in blue organic light-emitting diodes with additional red emissive layers. <i>Optical Materials</i> , 2016, 52, 181-185.	3.6	4
25	Three Primary-Colored WOLED Using MADN as Host Material. <i>Nanoscience and Nanotechnology Letters</i> , 2011, 3, 131-135.	0.4	4
26	Effect of interfacial mixed layer in blue phosphorescent organic light-emitting diodes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 2541-2545.	1.8	3
27	Effects of MEH-PPV Molecular Ordering in the Emitting Layer on the Luminescence Efficiency of Organic Light-Emitting Diodes. <i>Molecules</i> , 2021, 26, 2512.	3.8	3
28	Polarity Effects of Dielectric Anisotropy on the Electro-Optical Characteristics of Fringe Field Twisted Nematic Mode. <i>Electronic Materials Letters</i> , 2009, 5, 179-182.	2.2	1
29	Solution Process of Encapsulation Layer for Organic Light Emitting Diode for Enhanced Performance. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 601, 231-236.	0.9	1
30	Study on hybrid blue organic light emitting diodes with step controlled doping profiles in phosphorescent emitting layer. <i>Optical Materials</i> , 2018, 86, 498-504.	3.6	1
31	P-178: A 1.52-in. Full-Color Passive-Matrix OLED with Nitrogen Plasma Treatments. <i>Digest of Technical Papers SID International Symposium</i> , 2006, 37, 898.	0.3	0
32	Fabrication of White Organic Light-Emitting Diodes Using Two Complementary Color Methods. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 510, 282/[1416]-292/[1426].	0.9	0
33	Destructive Optical Interference of Ambient Light for High Contrast Organic Light-Emitting Diode Using Inorganic Metal Multi-Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 531, 7/[307]-13/[313].	0.9	0
34	Highly efficient blue organic light-emitting diodes using DPASN quantum well structure. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1567, 1.	0.1	0
35	Characterization of Hybrid Dual Emitting Layers in Blue Organic Light-Emitting Diodes by Controlling the Fluorescent Doping Concentration. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1567, 1.	0.1	0
36	P-156: Blue Phosphorescence OLED with Interfacial Mixed Layer between EML and ETL. <i>Digest of Technical Papers SID International Symposium</i> , 2014, 45, 1568-1570.	0.3	0

#	ARTICLE	IF	CITATIONS
37	P: Realization of High Efficiency Green Phosphorescent Top&#Emitting Organic Light&#Emitting Diodes by Employing Ultrathin Non&#Doped Emissive Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 1522-1525.	0.3	0
38	PŸ: Triplet Exciton Confinement in White Phosphorescent Organic Light&#Emitting Diodes with Multi&#Doped Single Emissive Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 1577-1580.	0.3	0
39	P°: Degradation of Blue Phosphorescent and Fluorescent Organic Light&#Emitting Diodes with Thermal Stress. Digest of Technical Papers SID International Symposium, 2017, 48, 1936-1939.	0.3	0
40	Fluorescent and Phosphorescent Emitting Layers by Utilizing a Triplet Harvesting in Hybrid White Organic Light-Emitting Diodes. Journal of Nanoscience and Nanotechnology, 2016, 16, 11783-11787.	0.9	0