Tae-Wook Koh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11360406/publications.pdf

Version: 2024-02-01

25 papers	2,075 citations	516561 16 h-index	677027 22 g-index
25 all docs	25 docs citations	25 times ranked	3808 citing authors

#	Article	IF	Citations
1	Efficient perovskite light-emitting diodes featuring nanometre-sized crystallites. Nature Photonics, 2017, 11, 108-115.	15.6	1,175
2	Enhanced light-outcoupling in organic light-emitting diodes through a coated scattering layer based on porous polymer films. Organic Electronics, 2017, 47, 117-125.	1.4	22
3	Efficient Perovskite LEDs Featuring Nanometer Sized Crystallites. , 2017, , .		0
4	ITO-free Flexible Organic Light Emitting Diodes with Enhanced Light Outcoupling. , 2016, , .		0
5	A Transparent, Smooth, Thermally Robust, Conductive Polyimide for Flexible Electronics. Advanced Functional Materials, 2015, 25, 7428-7434.	7.8	140
6	Flexible Electronics: A Transparent, Smooth, Thermally Robust, Conductive Polyimide for Flexible Electronics (Adv. Funct. Mater. 48/2015). Advanced Functional Materials, 2015, 25, 7547-7547.	7.8	3
7	Towards highly efficient and highly transparent OLEDs: advanced considerations for emission zone coupled with capping layer design. Optics Express, 2015, 23, 27306.	1.7	13
8	A Facile Route to Efficient, Lowâ€Cost Flexible Organic Lightâ€Emitting Diodes: Utilizing the High Refractive Index and Builtâ€In Scattering Properties of Industrialâ€Grade PEN Substrates. Advanced Materials, 2015, 27, 1624-1631.	11.1	101
9	Transparent organic light-emitting diodes with different bi-directional emission colors using color-conversion capping layers. Journal of Luminescence, 2015, 162, 180-184.	1.5	9
10	Color temperature tuning of white organic light-emitting diodes via spatial control of micro-cavity effects based on thin metal strips. Organic Electronics, 2015, 26, 334-339.	1.4	19
11	Enhanced Outcoupling in Organic Light-Emitting Diodes via a High-Index Contrast Scattering Layer. ACS Photonics, 2015, 2, 1366-1372.	3.2	103
12	Deep Red Phosphorescence of Cyclometalated Iridium Complexes by o-Carborane Substitution. Inorganic Chemistry, 2014, 53, 128-138.	1.9	99
13	Blurâ€Free Outcoupling Enhancement in Transparent Organic Light Emitting Diodes:ÂA Nanostructure Extracting Surface Plasmon Modes. Advanced Optical Materials, 2013, 1, 687-691.	3.6	31
14	Polynorbornene Copolymer with Side-Chain Iridium(III) Emitters and Carbazole Hosts: A Single Emissive Layer Material for Highly Efficient Electrophosphorescent Devices. Macromolecules, 2013, 46, 674-682.	2.2	42
15	Straight-forward control of the degree of micro-cavity effects in organic light-emitting diodes based on a thin striped metal layer. Organic Electronics, 2013, 14, 2444-2450.	1.4	9
16	Enhanced and balanced efficiency of white bi-directional organic light-emitting diodes. Optics Express, 2013, 21, 28040.	1.7	10
17	Transparent OLEDs: Blur-Free Outcoupling Enhancement in Transparent Organic Light Emitting Diodes:ÂA Nanostructure Extracting Surface Plasmon Modes (Advanced Optical Materials 10/2013). Advanced Optical Materials, 2013, 1, 686-686.	3.6	1
18	Biâ€directional organic lightâ€emitting diodes with nanoparticleâ€enhanced light outcoupling. Laser and Photonics Reviews, 2013, 7, 1079-1087.	4.4	17

#	Article	IF	Citations
19	Enhanced light extraction in organic light-emitting devices: Using conductive low-index layers and micropatterned indium tin oxide electrodes with optimal taper angle. Applied Physics Letters, 2012, 100, 233303.	1.5	17
20	ITO-free down-conversion white organic light-emitting diodes with structured color conversion layers for enhanced optical efficiency and color rendering. Organic Electronics, 2012, 13, 3145-3153.	1.4	36
21	Soluble polynorbornenes with pendant carbazole derivatives as host materials for highly efficient blue phosphorescent organic lightâ€emitting diodes. Journal of Polymer Science Part A, 2012, 50, 2356-2365.	2.5	21
22	Doping-Free Inverted Top-Emitting Organic Light-Emitting Diodes With High Power Efficiency and Near-Ideal Emission Characteristics. IEEE Transactions on Electron Devices, 2012, 59, 159-166.	1.6	17
23	Vinyl-type polynorbornene with 9,9â€²-(1,1â€²-biphenyl)-4,4â€²-diylbis-9H-carbazole side groups as a host material for highly efficient green phosphorescent organic light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 5422.	6.7	40
24	Electrode Engineering for Outcoupling Enhancement in OLEDs. , 2011, , .		0
25	Optical Outcoupling Enhancement in Organic Lightâ€Emitting Diodes: Highly Conductive Polymer as a Lowâ€Index Layer on Microstructured ITO Electrodes. Advanced Materials, 2010, 22, 1849-1853.	11.1	150