

# Kyung-Cheol Choi

## List of Publications by Year in Descending Order

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**Version:** 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

225  
papers

3,797  
citations

36  
h-index

51  
g-index

250  
ext. papers

4,459  
ext. citations

4.2  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
225	High-Performance and Reliable White Organic Light-Emitting Fibers for Truly Wearable Textile Displays.. <i>Advanced Science</i> , <b>2022</b> , e2104855	13.6	5
224	P-66: A Bilayer Encapsulation with High Chemical Stability in Harsh Environments for Environmentally Robust OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , <b>2021</b> , 52, 1325-1328	9.5	0
223	Foldable and washable textile-based OLEDs with a multi-functional near-room-temperature encapsulation layer for smart e-textiles. <i>Npj Flexible Electronics</i> , <b>2021</b> , 5,	10.7	7
222	Encapsulation Technology for Flexible OLEDs. <i>Series in Display Science and Technology</i> , <b>2021</b> , 129-150	0.1	0
221	41.1: Invited Paper: [Invited] Textile-OLEDs with high wearing comfort used for fashion displays and phototherapy applications. <i>Digest of Technical Papers SID International Symposium</i> , <b>2021</b> , 52, 279-279	0.5	0
220	Bright-Multicolor, Highly Efficient, and Addressable Phosphorescent Organic Light-Emitting Fibers: Toward Wearable Textile Information Displays. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009336	15.6	12
219	Unveiling the Annealing-Dependent Mechanical Properties of Freestanding Indium Tin Oxide Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 16650-16659	9.5	0
218	Thienothiophenyl-Isoquinoline Iridium Complex-Based Deep Red to Near-Infrared Organic Light-Emitting Diodes with Low Driving Voltage and High Radiant Emittance for Practical Biomedical Applications. <i>Advanced Photonics Research</i> , <b>2021</b> , 2, 2100121	1.9	1
217	Suppressing surface plasmon losses to improve the efficiency of blue organic light-emitting diodes using the plasmonic quasi-bandgap phenomenon. <i>Photonics Research</i> , <b>2021</b> , 9, 1784	6	
216	77-4: High-Efficiency Flexible Fiber-Based Light-Emitting Devices Processed by Phosphorescent Solution. <i>Digest of Technical Papers SID International Symposium</i> , <b>2020</b> , 51, 1152-1154	0.5	
215	Parallel-Stacked Flexible Organic Light-Emitting Diodes for Wearable Photodynamic Therapeutics and Color-Tunable Optoelectronics. <i>ACS Nano</i> , <b>2020</b> , 14, 15688-15699	16.7	26
214	77-2: Stretchability Improvement of stretchable OLED by Pillar Array Substrate and Rotation Plate Structure. <i>Digest of Technical Papers SID International Symposium</i> , <b>2020</b> , 51, 1145-1148	0.5	1
213	Flexible organic light-emitting-diode-based photonic skin for attachable phototherapeutics. <i>Journal of the Society for Information Display</i> , <b>2020</b> , 28, 324-332	2.1	17
212	Organic Light-Emitting Diodes: Pushing Toward the Limits and Beyond. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907539	24	89
211	Reliable high temperature, high humidity flexible thin film encapsulation using Al <sub>2</sub> O <sub>3</sub> /MgO nanolaminates for flexible OLEDs. <i>Nano Research</i> , <b>2020</b> , 13, 2716-2725	10	11
210	A review of highly reliable flexible encapsulation technologies towards rollable and foldable OLEDs. <i>Journal of Information Display</i> , <b>2020</b> , 21, 19-32	4.1	38
209	Recent Progress of Fiber Shaped Lighting Devices for Smart Display Applications-A Fibertronic Perspective. <i>Advanced Materials</i> , <b>2020</b> , 32, e1903488	24	44

208	Fibertronic Organic Light-Emitting Diodes toward Fully Addressable, Environmentally Robust, Wearable Displays. <i>ACS Nano</i> , <b>2020</b> , 14, 1133-1140	16.7	31
207	70-4: Distinguished Student Paper: Flexible OLED-based Photonic Skin for Attachable Phototherapeutics. <i>Digest of Technical Papers SID International Symposium</i> , <b>2020</b> , 51, 1052-1055	0.5	
206	P-120: High-Mobility IGZO Thin-Film Transistors Fabricated on a Flexible PET Monofilament Fiber for Wearing Display. <i>Digest of Technical Papers SID International Symposium</i> , <b>2020</b> , 51, 1822-1824	0.5	1
205	Two-Dimensionally Stretchable Organic Light-Emitting Diode with Elastic Pillar Arrays for Stress Relief. <i>Nano Letters</i> , <b>2020</b> , 20, 1526-1535	11.5	31
204	Multi-directionally wrinkle-able textile OLEDs for clothing-type displays. <i>Npj Flexible Electronics</i> , <b>2020</b> , 4,	10.7	15
203	Organic Light-Emitting Diodes: Organic Light-Emitting Diodes: Pushing Toward the Limits and Beyond (Adv. Mater. 35/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070266	24	2
202	Design of ultrathin OLEDs having oxide-based transparent electrodes and encapsulation with sub-mm bending radius. <i>Organic Electronics</i> , <b>2020</b> , 82, 105704	3.5	17
201	Textile-based washable polymer solar cells for optoelectronic modules: toward self-powered smart clothing. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 1878-1889	35.4	86
200	P-98: Improved Cell Proliferation Effect on the Human Fibroblast by the Irradiation of Aging Processed PLEDs. <i>Digest of Technical Papers SID International Symposium</i> , <b>2019</b> , 50, 1624-1626	0.5	
199	Plasmonically Engineered Textile Polymer Solar Cells for High-Performance, Wearable Photovoltaics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20864-20872	9.5	21
198	P-110: Efficient Quantum Dot Light-Emitting Diodes by Reducing Oxygen Vacancies of ZnO Nanoparticles with Recycling Process. <i>Digest of Technical Papers SID International Symposium</i> , <b>2019</b> , 50, 1666-1668	0.5	1
197	Improved efficiency of polymer solar cells by plasmonically enhanced photon recycling. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 2597-2603	5.8	6
196	Low-Temperature and Corrosion-Resistant Gas Diffusion Multibarrier with UV and Heat Rejection Capability-A Strategy to Ensure Reliability of Organic Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16776-16784	9.5	9
195	Low-Leakage Fiber-Based Field-Effect Transistors with an Al <sub>2</sub> O <sub>3</sub> /MgO Nanolaminate as Gate Insulator. <i>ACS Applied Electronic Materials</i> , <b>2019</b> , 1, 1400-1407	4	12
194	Sandwich-structure transferable free-form OLEDs for wearable and disposable skin wound photomedicine. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 114	16.7	42
193	Design of Highly Water Resistant, Impermeable, and Flexible Thin-Film Encapsulation Based on Inorganic/Organic Hybrid Layers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 3251-3261	9.5	38
192	A Wearable Photobiomodulation Patch Using a Flexible Red-Wavelength OLED and Its In Vitro Differential Cell Proliferation Effects. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1700391	6.8	42
191	Low-Temperature Fabrication of Robust, Transparent, and Flexible Thin-Film Transistors with a Nanolaminated Insulator. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 15829-15840	9.5	18

190	Distortion Analysis of Periodic Ring Patterns Fabrication Using Surface Plasmon Interference Lithography With an Al Hexagonal Grating Structure on Glass. <i>IEEE Nanotechnology Magazine</i> , <b>2018</b> , 17, 432-436	2.6	1
189	Ultra-High-Resolution Organic Light-Emitting Diodes with Color Conversion Electrode. <i>ACS Photonics</i> , <b>2018</b> , 5, 1891-1897	6.3	8
188	Synergistic gas diffusion multilayer architecture based on the nanolaminate and inorganic-organic hybrid organic layer. <i>Journal of Information Display</i> , <b>2018</b> , 19, 135-142	4.1	8
187	In Situ Doping System To Improve the Electric-Field-Induced Fluorescence Properties of CdZnS/ZnS Quantum Rods for Light-Emitting Devices. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 4278-4282	5.6	
186	Robust Transparent and Conductive Gas Diffusion Multibarrier Based on Mg- and Al-Doped ZnO as Indium Tin Oxide-Free Electrodes for Organic Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 32387-32396	9.5	14
185	Weavable and Highly Efficient Organic Light-Emitting Fibers for Wearable Electronics: A Scalable, Low-Temperature Process. <i>Nano Letters</i> , <b>2018</b> , 18, 347-356	11.5	77
184	Electrothermal Annealing to Enhance the Electrical Performance of an Exfoliated MoS <sub>2</sub> Field-Effect Transistor. <i>IEEE Electron Device Letters</i> , <b>2018</b> , 1-1	4.4	6
183	Nanosinusoidal Surface Zinc Oxide for Optical Out-coupling of Inverted Organic Light-Emitting Diodes. <i>ACS Photonics</i> , <b>2018</b> , 5, 4061-4067	6.3	14
182	Color Purifying Optical Nanothin Film for Three Primary Colors in Optoelectronics. <i>ACS Photonics</i> , <b>2018</b> , 5, 3322-3330	6.3	13
181	24-2: Stress-minimized and Robust Thin Film Encapsulation based on Mechanically Improved Nanolaminate and Organic Layers. <i>Digest of Technical Papers SID International Symposium</i> , <b>2018</b> , 49, 302-305	9.5	1
180	22-4: Wearable Photobiomodulation Patch using Attachable Flexible Organic Light-Emitting Diodes for Human Keratinocyte Cells. <i>Digest of Technical Papers SID International Symposium</i> , <b>2018</b> , 49, 279-282	0.5	8
179	38-4: Clothing-shaped Organic Light-emitting Devices (OLEDs) for Wearable Displays. <i>Digest of Technical Papers SID International Symposium</i> , <b>2018</b> , 49, 486-488	0.5	5
178	A Review of Flexible OLEDs Toward Highly Durable Unusual Displays. <i>IEEE Transactions on Electron Devices</i> , <b>2017</b> , 64, 1922-1931	2.9	129
177	Highly luminescent blue-emitting CdZnS/ZnS nanorods having electric-field-induced fluorescence switching properties. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2098-2106	7.1	12
176	Highly Conductive Transparent and Flexible Electrodes Including Double-Stacked Thin Metal Films for Transparent Flexible Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 16343-16350	9.5	34
175	Transparent and Flexible Resistive Random Access Memory Based on Al <sub>2</sub> O <sub>3</sub> Film With Multilayer Electrodes. <i>IEEE Transactions on Electron Devices</i> , <b>2017</b> , 64, 3508-3510	2.9	24
174	P-127: Angle Insensitive Flexible Color Filter Electrodes. <i>Digest of Technical Papers SID International Symposium</i> , <b>2017</b> , 48, 1738-1741	0.5	2
173	P-129: Zero-Stress Thin-film Encapsulation Method for Increasing the Intrinsic Stability of Flexible OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , <b>2017</b> , 48, 1746-1749	0.5	3

172	A mechanically enhanced hybrid nano-stratified barrier with a defect suppression mechanism for highly reliable flexible OLEDs. <i>Nanoscale</i> , <b>2017</b> , 9, 6370-6379	7.7	34
171	Low-Resistive High-Work-Function Gate Electrode for Transparent a-IGZO TFTs. <i>IEEE Transactions on Electron Devices</i> , <b>2017</b> , 64, 164-169	2.9	5
170	Highly stable 2D material (2DM) field-effect transistors (FETs) with wafer-scale multidayad encapsulation. <i>Nanotechnology</i> , <b>2017</b> , 28, 055203	3.4	
169	Functional Design of Dielectric-Metal-Dielectric-Based Thin-Film Encapsulation with Heat Transfer and Flexibility for Flexible Displays. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 27062-27072	9.5	40
168	Highly Flexible and Efficient Fabric-Based Organic Light-Emitting Devices for Clothing-Shaped Wearable Displays. <i>Scientific Reports</i> , <b>2017</b> , 7, 6424	4.9	79
167	Functional Design of Highly Robust and Flexible Thin-Film Encapsulation Composed of Quasi-Perfect Sublayers for Transparent, Flexible Displays. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 43983-43992	9.5	42
166	Plasmonic Chromatic Electrode with Low Resistivity. <i>Scientific Reports</i> , <b>2017</b> , 7, 15206	4.9	9
165	Resistive Switching Characteristics of Al <sub>2</sub> O <sub>3</sub> Film for Transparent Nonvolatile Memory. <i>IEEE Nanotechnology Magazine</i> , <b>2017</b> , 16, 1129-1131	2.6	4
164	Electro-Thermal Annealing Method for Recovery of Cyclic Bending Stress in Flexible a-IGZO TFTs. <i>IEEE Transactions on Electron Devices</i> , <b>2017</b> , 64, 3189-3192	2.9	18
163	Electrothermal Annealing (ETA) Method to Enhance the Electrical Performance of Amorphous-Oxide-Semiconductor (AOS) Thin-Film Transistors (TFTs). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 23820-6	9.5	13
162	P-104: A Transparent, Flexible, Patternable Electrode Using a Multilayer Film Structure. <i>Digest of Technical Papers SID International Symposium</i> , <b>2016</b> , 47, 1519-1522	0.5	2
161	Chitin Nanofiber Transparent Paper for Flexible Green Electronics. <i>Advanced Materials</i> , <b>2016</b> , 28, 5169-754		171
160	Effect of LSP in Phosphor-Converted WLEDs by Application of Ag NPs With/Without Silica Shell. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 1894-1897	2.2	
159	Efficient Green Organic Light-Emitting Diodes by Plasmonic Silver Nanoparticles. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 371-374	2.2	9
158	Highly reliable hybrid nano-stratified moisture barrier for encapsulating flexible OLEDs. <i>Organic Electronics</i> , <b>2016</b> , 33, 150-155	3.5	43
157	Abnormal electrical characteristics of multi-layered MoS <sub>2</sub> FETs attributed to bulk traps. <i>2D Materials</i> , <b>2016</b> , 3, 015007	5.9	14
156	Pattern Distortion Analysis of Surface Plasmon Interference Lithography Using Line Grating Structure on Photoresist. <i>IEEE Nanotechnology Magazine</i> , <b>2016</b> , 15, 220-224	2.6	2
155	Surface plasmon-assisted nano-lithography with a perfect contact aluminum mask of a hexagonal dot array. <i>Plasmonics</i> , <b>2016</b> , 11, 1337-1342	2.4	10

154	A Separate Extraction Method for Asymmetric Source and Drain Resistances Using Frequency-Dispersive $\zeta\omega\zeta$ Characteristics in Exfoliated MoS <sub>2</sub> FET. <i>IEEE Electron Device Letters</i> , <b>2016</b> , 37, 231-233	4.4	5
153	Suppressed Instability of a-IGZO Thin-Film Transistors Under Negative Bias Illumination Stress Using the Distributed Bragg Reflectors. <i>IEEE Transactions on Electron Devices</i> , <b>2016</b> , 63, 1066-1071	2.9	16
152	P-96: Heat Transferable Thin Film Encapsulation Inserted Ag Thin Film to Improve Reliability of Flexible Displays. <i>Digest of Technical Papers SID International Symposium</i> , <b>2016</b> , 47, 1491-1494	0.5	3
151	Influence of the charge trap density distribution in a gate insulator on the positive-bias stress instability of amorphous indium-gallium-zinc oxide thin-film transistors. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 182104	3.4	19
150	Highly conductive and flexible color filter electrode using multilayer film structure. <i>Scientific Reports</i> , <b>2016</b> , 6, 29341	4.9	36
149	Reliable thin-film encapsulation of flexible OLEDs and enhancing their bending characteristics through mechanical analysis. <i>RSC Advances</i> , <b>2016</b> , 6, 40835-40843	3.7	53
148	Reliable Actual Fabric-Based Organic Light-Emitting Diodes: Toward a Wearable Display. <i>Advanced Electronic Materials</i> , <b>2016</b> , 2, 1600220	6.4	67
147	Reduction of graphene oxide film with poly (vinyl alcohol). <i>Chemical Physics Letters</i> , <b>2015</b> , 625, 36-40	2.5	8
146	Effect of gold nanorods in an MgO protective layer of AC plasma display panels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 7559-65	9.5	15
145	Enhanced Light Extraction from Mechanically Flexible, Nanostructured Organic Light-Emitting Diodes with Plasmonic Nanomesh Electrodes. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1240-1247	8.1	31
144	Plasmonic colloidal nanoparticles with open eccentric cavities via acid-induced chemical transformation. <i>NPG Asia Materials</i> , <b>2015</b> , 7, e167-e167	10.3	5
143	Microcavity effect using nanoparticles to enhance the efficiency of organic light-emitting diodes. <i>Optics Express</i> , <b>2015</b> , 23, 19863-73	3.3	15
142	Metal-containing thin-film encapsulation with flexibility and heat transfer. <i>Journal of Information Display</i> , <b>2015</b> , 16, 123-128	4.1	16
141	Poly-periodic hole arrays for angle-invariant plasmonic filters. <i>Optics Letters</i> , <b>2015</b> , 40, 3873-6	3	9
140	Solution-processed bottom-emitting polymer light-emitting diodes on a textile substrate towards a wearable display. <i>Journal of Information Display</i> , <b>2015</b> , 16, 179-184	4.1	26
139	OLEDs: Enhanced Light Extraction from Mechanically Flexible, Nanostructured Organic Light-Emitting Diodes with Plasmonic Nanomesh Electrodes (Advanced Optical Materials 9/2015). <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 1302-1302	8.1	1
138	Large and pristine films of reduced graphene oxide. <i>Scientific Reports</i> , <b>2015</b> , 5, 18799	4.9	10
137	Highly Transparent and Flexible Organic Light-Emitting Diodes with Structure Optimized for Anode/Cathode Multilayer Electrodes. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 7145-7153	15.6	71

136	P-148: Polymer Light-Emitting Diodes Using the Dip Coating Method on Flexible Fiber Substrates for Wearable Displays. <i>Digest of Technical Papers SID International Symposium, 2015</i> , 46, 1753-1755	0.5	2
135	High Luminance Fiber-Based Polymer Light-Emitting Devices by a Dip-Coating Method. <i>Advanced Electronic Materials, 2015</i> , 1, 1500103	6.4	71
134	P-149: Oxide TFTs on Fabric Substrates for Wearable Displays. <i>Digest of Technical Papers SID International Symposium, 2015</i> , 46, 1756-1758	0.5	1
133	Hybrid Plasmon-Mediated Optical Transmission in Separated Metallic Layers with Nanostructures. <i>Plasmonics, 2015</i> , 10, 391-398	2.4	1
132	. <i>IEEE Photonics Technology Letters, 2015</i> , 27, 3-6	2.2	1
131	Phosphorescent transparent organic light-emitting diodes with enhanced outcoupling efficiency: Reduction of surface plasmon losses. <i>Organic Electronics, 2014</i> , 15, 1222-1228	3.5	11
130	Transparent Electronics: Photo-Insensitive Amorphous Oxide Thin-Film Transistor Integrated with a Plasmonic Filter for Transparent Electronics (Adv. Funct. Mater. 23/2014). <i>Advanced Functional Materials, 2014</i> , 24, 3481-3481	15.6	
129	Plasmonic nanomeshes as large-area, low-resistive transparent electrodes and their application to ITO-free organic light-emitting diodes. <i>Organic Electronics, 2014</i> , 15, 3354-3361	3.5	17
128	Analysis of Out-Coupling Mechanism in Organic Light-Emitting Diodes. <i>IEEE Photonics Technology Letters, 2014</i> , 26, 896-899	2.2	8
127	Reduction intermediates of graphene oxide for low temperature reduction electrode material. <i>RSC Advances, 2014</i> , 4, 22476-22480	3.7	7
126	The Effect of the Ratio of Lines to Spaces for Nanolithography Using Surface Plasmons. <i>IEEE Nanotechnology Magazine, 2014</i> , 13, 203-207	2.6	1
125	Solution-based nanostructure to reduce waveguide and surface plasmon losses in organic light-emitting diodes. <i>Organic Electronics, 2014</i> , 15, 3183-3190	3.5	19
124	Flexible organic light-emitting diodes with ZnS/Ag/ZnO/Ag/WO <sub>3</sub> multilayer electrode as a transparent anode. <i>Organic Electronics, 2014</i> , 15, 2468-2475	3.5	36
123	Quantitative analysis of enhancing extraordinary optical transmission affected by dielectric environment. <i>Journal of Optics (United Kingdom), 2014</i> , 16, 065005	1.7	5
122	Investigation of voltage reduction in nanostructure-embedded organic light-emitting diodes. <i>Organic Electronics, 2014</i> , 15, 260-265	3.5	5
121	Transparent chromatic electrode using the mixture of silver nanowire and silver nanoprism. <i>Current Applied Physics, 2014</i> , 14, 1005-1009	2.6	6
120	P-160: Application of Graphene Oxide to Organic Light-Emitting Diodes. <i>Digest of Technical Papers SID International Symposium, 2014</i> , 45, 1581-1582	0.5	
119	Spectral Tuning of Europium Complex by Competition Between Absorption and Scattering of Gold Nanoparticles. <i>IEEE Nanotechnology Magazine, 2014</i> , 13, 939-944	2.6	1

118	Optical tuning of phosphors by plasmonic gold nanoparticles for phosphor-converted white light emitting diodes. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 141119	3.4	14
117	Photo-Insensitive Amorphous Oxide Thin-Film Transistor Integrated with a Plasmonic Filter for Transparent Electronics. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 3482-3487	15.6	14
116	Optical Effect of Surface Morphology of Ag on Multilayer Electrode Applications for OLEDs. <i>IEEE Electron Device Letters</i> , <b>2014</b> , 35, 238-240	4.4	23
115	28.1: OLEDs on Textile Substrates with Planarization and Encapsulation using Multilayers for Wearable Displays. <i>Digest of Technical Papers SID International Symposium</i> , <b>2014</b> , 45, 364-366	0.5	4
114	Simultaneous synthesis and patterning of graphene electrodes by reactive inkjet printing. <i>Carbon</i> , <b>2014</b> , 66, 172-177	10.4	31
113	Blur-Free Outcoupling Enhancement in Transparent Organic Light Emitting Diodes: A Nanostructure Extracting Surface Plasmon Modes. <i>Advanced Optical Materials</i> , <b>2013</b> , 1, 687-691	8.1	29
112	Direct fabrication of copper patterns by reactive inkjet printing. <i>Current Applied Physics</i> , <b>2013</b> , 13, 1870-1873	18.3	11
111	Enhanced photoluminescence from zinc oxide by plasmonic resonance of reduced graphene oxide. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 074903	2.5	17
110	P.61: Mold Transfer Processed Organic Light Emitting Diodes using Patterned Conductive Polymer Electrode. <i>Digest of Technical Papers SID International Symposium</i> , <b>2013</b> , 44, 1226-1228	0.5	1
109	ITO-free flexible organic light-emitting diode using ZnS/Ag/MoO <sub>3</sub> anode incorporating a quasi-perfect Ag thin film. <i>Organic Electronics</i> , <b>2013</b> , 14, 3437-3443	3.5	56
108	Soft fabric-based flexible organic light-emitting diodes. <i>Organic Electronics</i> , <b>2013</b> , 14, 3007-3013	3.5	69
107	Analysis and structure optimization of nanostructure-embedded organic light-emitting diodes. <i>Journal of Information Display</i> , <b>2013</b> , 14, 73-77	4.1	7
106	Matching Surface Plasmon Modes in Symmetry-Broken Structures for Nanohole-Based Color Filter. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2454-2457	2.2	8
105	Plasmonically Enhanced Optical Characteristics From Europium Organometallic Complex. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2342-2345	2.2	8
104	Negative mold transfer patterned conductive polymer electrode for flexible organic light-emitting diodes. <i>Organic Electronics</i> , <b>2013</b> , 14, 416-422	3.5	21
103	Plasmonic Color Filter and its Fabrication for Large-Area Applications. <i>Advanced Optical Materials</i> , <b>2013</b> , 1, 133-138	8.1	96
102	Thin film encapsulation for organic light emitting diodes using a multi-barrier composed of MgO prepared by atomic layer deposition and hybrid materials. <i>Organic Electronics</i> , <b>2013</b> , 14, 1737-1743	3.5	75
101	A flexible moisture barrier comprised of a SiO <sub>2</sub> -embedded organic/inorganic hybrid nanocomposite and Al <sub>2</sub> O <sub>3</sub> for thin-film encapsulation of OLEDs. <i>Organic Electronics</i> , <b>2013</b> , 14, 1435-1440	3.5	74



100	P.109: Improvement of the Outcoupling Efficiency of Blue OLEDs. <i>Digest of Technical Papers SID International Symposium, 2013, 44, 1397-1399</i>	0.5	
99	Distance-dependent plasmonic enhancement via radiative transitions of europium complex. <i>Optics Letters, 2013, 38, 1355-7</i>	3	7
98	Extracting optical modes of organic light-emitting diodes using quasi-periodic WO <sub>3</sub> nanoislands. <i>Optics Express, 2013, 21, 5424-31</i>	3.3	33
97	Transparent OLEDs: Blur-Free Outcoupling Enhancement in Transparent Organic Light Emitting Diodes: A Nanostructure Extracting Surface Plasmon Modes (Advanced Optical Materials 10/2013). <i>Advanced Optical Materials, 2013, 1, 686-686</i>	8.1	1
96	Relationship between surface plasmon and transmittance enhancement in indium tin-oxide/Ag/indium tin-oxide multilayer electrodes. <i>Thin Solid Films, 2012, 520, 3605-3608</i>	2.2	21
95	OLED with a controlled molecular weight of the PVK (poly(9-vinylcarbazole)) formed by a reactive ink-jet process. <i>Organic Electronics, 2012, 13, 980-984</i>	3.5	36
94	Toward Flexible Transparent Plasma Display: Optical Characteristics of Low-Temperature Fabricated Organic-Based Display Structure. <i>IEEE Electron Device Letters, 2012, 33, 74-76</i>	4.4	9
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1	A Flexible and Wavelength-Designable Polymer Light-Emitting Diode Employing Sandwich-Encapsulation for Wearable Skin Rejuvenation Photomedicine. <i>Advanced Materials Interfaces, 2100856</i>	4.6	1