Yongtaek Hong

List of Publications by Citations

138 papers	3,096 citations	31 h-index	51 g-index
156 ext. papers	3,621 ext. citations	5.8 avg, IF	5.2 L-index

#	Paper	IF	Citations
138	Silver nanowire-embedded PDMS with a multiscale structure for a highly sensitive and robust flexible pressure sensor. *Nanoscale*, **2015**, 7, 6208-15	7.7	254
137	Review of manufacturing processes for soft biomimetic robots. *International Journal of Precision Engineering and Manufacturing*, **2009**, 10, 171-181	1.7	182
136	Spin-coated Ga-doped ZnO transparent conducting thin films for organic light-emitting diodes. *Journal Physics D: Applied Physics*, **2009**, 42, 035102	3	146
135	All-Inkjet-Printed Organic Thin-Film Transistor Inverter on Flexible Plastic Substrate. *IEEE Electron Device Letters*, **2011**, 32, 1134-1136	4.4	137
134	Electronic skins for soft, compact, reversible assembly of wirelessly activated fully soft robots. *Science Robotics*, **2018**, 3,	18.6	104
133	Substrate thermal conductivity effect on heat dissipation and lifetime improvement of organic light-emitting diodes. *Applied Physics Letters*, **2009**, 94, 253302	3.4	89
132	Inkjet-printed stretchable silver electrode on wave structured elastomeric substrate. *Applied Physics Letters*, **2011**, 98, 153110	3.4	84
131	High-performance compliant thermoelectric generators with magnetically self-assembled soft heat conductors for self-powered wearable electronics. *Nature Communications*, **2020**, 11, 5948	17.4	67
130	Zinc concentration dependence study of solution processed amorphous indium gallium zinc oxide thin film transistors using high-k dielectric. *Applied Physics Letters*, **2010**, 97, 183504	3.4	65
129	Effects of Li doping on the performance and environmental stability of solution processed ZnO thin film transistors. *Applied Physics Letters*, **2009**, 95, 193503	3.4	59
128	Ultraflexible and transparent electroluminescent skin for real-time and super-resolution imaging of pressure distribution. *Nature Communications*, **2020**, 11, 663	17.4	58
127	Highly Sensitive and Bendable Capacitive Pressure Sensor and Its Application to 1 V Operation Pressure-Sensitive Transistor. *Advanced Electronic Materials*, **2017**, 3, 1600455	6.4	57
126	Large-area formation of self-aligned crystalline domains of organic semiconductors on transistor channels using CONNECT. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5561-6	11.5	55
125	. *IEEE Transactions on Electron Devices*, **2012**, 59, 710-714	2.9	55
124	Lateral-crack-free, buckled, inkjet-printed silver electrodes on highly pre-stretched elastomeric substrates. *Journal Physics D: Applied Physics*, **2013**, 46, 105305	3	54
123	Inkjet-printed stretchable single-walled carbon nanotube electrodes with excellent mechanical properties. *Applied Physics Letters*, **2014**, 104, 113103	3.4	50
122	All-solution-processed bottom-gate organic thin-film transistor with improved subthreshold behaviour using functionalized pentacene active layer. *Journal Physics D: Applied Physics*, **2009**, 42, 115107	3	50

121	Transparent Large-Area MoS Phototransistors with Inkjet-Printed Components on Flexible Platforms. *ACS Nano*, **2017**, 11, 10273-10280	16.7	49
120	Flexible high-performance all-inkjet-printed inverters: organo-compatible and stable interface engineering. *Advanced Materials*, **2013**, 25, 4773-7	24	49
119	Meyer□Neldel Rule and Extraction of Density of States in Amorphous Indium□Gallium□Zinc-Oxide Thin-Film Transistor by Considering Surface Band Bending. *Japanese Journal of Applied Physics*, **2010**, 49, 03CB02	1.4	48
118	Negatively strain-dependent electrical resistance of magnetically arranged nickel composites: application to highly stretchable electrodes and stretchable lighting devices. *Advanced Materials*, **2014**, 26, 3094-9	24	45
117	Carrier conduction mechanism for phosphorescent material doped organic semiconductor. *Journal of Applied Physics*, **2009**, 105, 033709	2.5	42
116	Enhanced Charge Injection Properties of Organic Field-Effect Transistor by Molecular Implantation Doping. *Advanced Materials*, **2019**, 31, e1806697	24	41
115	MOSFET-Like Behavior of a-InGaZnO Thin-Film Transistors With Plasma-Exposed Source□Drain Bulk Region. *Journal of Display Technology*, **2009**, 5, 495-500		41
114	Standalone real-time health monitoring patch based on a stretchable organic optoelectronic system. *Science Advances*, **2021**, 7,	14.3	40
113	Fully printable, strain-engineered electronic wrap for customizable soft electronics. *Scientific Reports*, **2017**, 7, 45328	4.9	38
112	Understanding the effect of semiconductor thickness on device characteristics in organic thin film transistors by way of two-dimensional simulations. *Organic Electronics*, **2010**, 11, 127-136	3.5	36
111	Electrical-Stress-Induced Threshold Voltage Instability in Solution-Processed ZnO Thin-Film Transistors: An Experimental and Simulation Study. *IEEE Transactions on Electron Devices*, **2011**, 58, 1995-2002	2.9	32
110	Stable Stretchable Silver Electrode Directly Deposited on Wavy Elastomeric Substrate. *IEEE Electron Device Letters*, **2009**, 30, 1284-1286	4.4	32
109	Transparent flexible plastic substrates for organic light-emitting devices. *Journal of Electronic Materials*, **2004**, 33, 312-320	1.9	32
108	A Single Droplet-Printed Double-Side Universal Soft Electronic Platform for Highly Integrated Stretchable Hybrid Electronics. *Advanced Functional Materials*, **2017**, 27, 1701912	15.6	31
107	Thread-Like CMOS Logic Circuits Enabled by Reel-Processed Single-Walled Carbon Nanotube Transistors via Selective Doping. *Advanced Materials*, **2017**, 29, 1701822	24	30
106	One-Step Interface Engineering for All-Inkjet-Printed, All-Organic Components in Transparent, Flexible Transistors and Inverters: Polymer Binding. *ACS Applied Materials & Interfaces*, **2017**, 9, 8819-8829	8.5	29
105	Highly Customizable All Solution□Processed Polymer Light Emitting Diodes with Inkjet Printed Ag and Transfer Printed Conductive Polymer Electrodes. *Advanced Functional Materials*, **2019**, 29, 1902412	15.6	28
104	High-performance polymer light emitting diodes with interface-engineered graphene anodes. *Organic Electronics*, **2013**, 14, 2324-2330	3.5	28

103	Contact Resistance of Inkjet-Printed Silver Source–Drain Electrodes in Bottom-Contact OTFTs. *Journal of Display Technology*, **2012**, 8, 48-53		27
102	Selectively modulated inkjet printing of highly conductive and transparent foldable polymer electrodes for flexible polymer light-emitting diode applications. *Organic Electronics*, **2015**, 19, 147-156	3.5	25
101	High-performance organic charge trap flash memory devices based on ink-jet printed 6,13-bis(triisopropylsilylethynyl) pentacene transistors. *Applied Physics Letters*, **2010**, 96, 213107	3.4	25
100	All-Inkjet-Printed Organic Thin-Film Transistors with Silver Gate, Source/Drain Electrodes. *Japanese Journal of Applied Physics*, **2011**, 50, 03CB05	1.4	24
99	Two-Dimensional Thickness-Dependent Avalanche Breakdown Phenomena in MoS Field-Effect Transistors under High Electric Fields. *ACS Nano*, **2018**, 12, 7109-7116	16.7	22
98	Frequency analysis on poly(3-hexylthiopene) rectifier using impedance spectroscopy. *Thin Solid Films*, **2009**, 518, 889-892	2.2	22
97	Highly Customizable Transparent Silver Nanowire Patterning via Inkjet-Printed Conductive Polymer Templates Formed on Various Surfaces. *Advanced Materials Technologies*, **2020**, 5, 2000042	6.8	21
96	Effects of defect creation on bidirectional behavior with hump characteristics of InGaZnO TFTs under bias and thermal stress. *Japanese Journal of Applied Physics*, **2015**, 54, 03CB03	1.4	20
95	Inkjet-Printed Silver Gate Electrode and Organic Dielectric Materials for Bottom-Gate Pentacene Thin-Film Transistors. *Journal of the Korean Physical Society*, **2009**, 54, 518-522	0.6	20
94	Soft Modular Electronic Blocks (SMEBs): A Strategy for Tailored Wearable Health-Monitoring Systems. *Advanced Science*, **2019**, 6, 1801682	13.6	19
93	Role of tunneling layer in graphene-oxide based organic nonvolatile memory transistors. *Organic Electronics*, **2012**, 13, 2887-2892	3.5	19
92	Synthesis and properties of phenothiazylene vinylene-based polymers: New organic semiconductors for field-effect transistors and solar cells. *Journal of Polymer Science Part A*, **2010**, 48, 635-646	2.5	19
91	Spin-coated Ga-doped ZnO transparent conducting thin films for organic light-emitting diodes. *Journal Physics D: Applied Physics*, **2009**, 42, 139801-139801	3	18
90	Side-chain effects on phenothiazine-based donor–acceptor copolymer properties in organic photovoltaic devices. *Journal of Polymer Science Part A*, **2012**, 50, 649-658	2.5	17
89	Highly Reliable Liquid Metal–Solid Metal Contacts with a Corrugated Single-Walled Carbon Nanotube Diffusion Barrier for Stretchable Electronics. *Advanced Functional Materials*, **2018**, 28, 1806014	15.6	17
88	Revisit to three-dimensional percolation theory: Accurate analysis for highly stretchable conductive composite materials. *Scientific Reports*, **2016**, 6, 34632	4.9	16
87	All-Inkjet-Printed Organic Thin-Film Transistors with Silver Gate, Source/Drain Electrodes. *Japanese Journal of Applied Physics*, **2011**, 50, 03CB05	1.4	16
86	The rapid and dense assembly of solution-processed single-wall carbon nanotube semiconducting films via an acid-based additive in the aqueous dispersion. *Journal of Materials Chemistry C*, **2016**, 4, 5461-5468	7.1	15

85	Opto-electronic properties of poly (fluorene) co-polymer red light-emitting devices on flexible plastic substrate. *IEEE Transactions on Electron Devices*, **2004**, 51, 1562-1569	2.9	15
84	Network Structure Modification-Enabled Hybrid Polymer Dielectric Film with Zirconia for the Stretchable Transistor Applications. *Advanced Functional Materials*, **2020**, 30, 1906647	15.6	15
83	Fully inkjet-printed short-channel organic thin-film transistors and inverter arrays on flexible substrates. *Flexible and Printed Electronics*, **2016**, 1, 045003	3.1	14
82	Distortion-Free Stretchable Light-Emitting Diodes via Imperceptible Microwrinkles. *Advanced Materials Technologies*, **2020**, 5, 2000231	6.8	13
81	Self-Defined Short Channel Formation With Micromolded Separator and Inkjet-Printed Source/Drain Electrodes in OTFTs. *IEEE Electron Device Letters*, **2011**, 32, 1758-1760	4.4	13
80	Solution-processable zinc oxide for the polymer solar cell based on P3HT:PCBM. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 5995-6000	1.3	13
79	Measurement of finger joint angle using stretchable carbon nanotube strain sensor. *PLoS ONE*, **2019**, 14, e0225164	3.7	12
78	Optoelectrical properties of four amorphous silicon thin-film transistors 200 dpi active-matrix organic polymer light-emitting display. *Applied Physics Letters*, **2003**, 83, 3233-3235	3.4	12
77	Modulus-Gradient Conductive Core–Shell Structures Formed by Magnetic Self-Assembling and Printing Processes for Highly Stretchable Via Applications. *Advanced Electronic Materials*, **2017**, 3, 1600517	6.4	11
76	Synthesis and properties of phenothiazylene vinylene and bithiophene-based copolymers for organic thin film transistors. *Synthetic Metals*, **2011**, 161, 72-78	3.6	11
75	Integrating sphere charge coupled device-based measurement method for organic light-emitting devices. *Review of Scientific Instruments*, **2003**, 74, 3572-3575	1.7	11
74	Gate Overlap Optimization and Performance Variation for Thin-Film Transistors with Source/Drain Edge Waviness. *Japanese Journal of Applied Physics*, **2010**, 49, 036501	1.4	10
73	Elastomeric nanowire composite for flexible pressure sensors with tunable sensitivity. *Journal of Information Display*, **2016**, 17, 59-64	4.1	9
72	A New Thin-Film Transistor Pixel Structure Suppressing the Leakage Current Effects on AMOLED. *IEEE Electron Device Letters*, **2009**, 30, 240-242	4.4	9
71	Performance of top-gate thin film transistors with solution processed ZnO channel layer and PVP gate dielectric. *Physica Status Solidi (A) Applications and Materials Science*, **2010**, 207, 1664-1667	1.6	9
70	Stretchable strain-tolerant soft printed circuit board: a systematic approach for the design rules of stretchable interconnects. *Journal of Information Display*, **2020**, 21, 41-47	4.1	9
69	Crack propagation design in transparent polymeric conductive films via carbon nanotube fiber-reinforcement and its application for highly sensitive and mechanically durable strain sensors. *Smart Materials and Structures*, **2019**, 28, 025008	3.4	9
68	Tunable threshold voltage in solution-processed single-walled carbon nanotube thin-film transistors. *Current Applied Physics*, **2015**, 15, S8-S11	2.6	8

67	Amorphous silicon TFT-based active-matrix organic polymer LEDs. *IEEE Electron Device Letters*, **2003**, 24, 451-453	4.4	8
66	Accurate Defect Density-of-State Extraction Based on Back-Channel Surface Potential Measurement for Solution-Processed Metal-Oxide Thin-Film Transistors. *IEEE Transactions on Electron Devices*, **2017**, 64, 1683-1688	2.9	7
65	Efficient Surface Treatment to Improve Contact Properties of Inkjet-Printed Short-Channel Organic Thin-Film Transistors. *Journal of Nanoscience and Nanotechnology*, **2017**, 17, 5718-5721	1.3	7
64	F-number matching method in light field microscopy using an elastic micro lens array. *Optics Letters* , **2016**, 41, 2751-4	3	7
63	Synthesis and characterization of thermally crosslinkable hole-transporting polymers for PLEDs. *Journal of Polymer Science Part A*, **2013**, 51, 5111-5117	2.5	7
62	Multidipping Technique for Fabrication Time Reduction and Performance Improvement of Solution-Processed Single-Walled Carbon Nanotube Thin-Film Transistors. *Advanced Engineering Materials*, **2020**, 22, 1901413	3.5	6
61	Holography and plasma oxidation for uniform nanoscale two dimensional channel formation of vertical organic field-effect transistors with suppressed gate leakage current. *Organic Electronics*, **2011**, 12, 1841-1845	3.5	6
60	Effect of Electrode Area on High Speed Characteristics over 1 MHz of Poly(3-hexylthiophene-2,5-diyl) Diode with Inkjet-Printed Ag Electrode. *Molecular Crystals and Liquid Crystals*, **2009**, 513, 256-261	0.5	6
59	Energy harvesting by rotation of wheel for tire monitoring system **2012**,		6
58	Enhanced light outcoupling of polymer light-emitting diodes with a solution-processed, -flattening photonic-crystal underlayer. *Journal of Information Display*, **2016**, 17, 143-150	4.1	6
57	Selective crack formation on stretchable silver nano-particle based thin films for customized and integrated strain-sensing system. *Thin Solid Films*, **2020**, 707, 138068	2.2	5
56	P-8: A New Hybrid Analog-Digital Driving Method to Improve AMOLED Lifetime. *Digest of Technical Papers SID International Symposium*, **2008**, 39, 1196	0.5	5
55	Electronic Skin Based on a Cellulose/Carbon Nanotube Fiber Network for Large-Area 3D Touch and Real-Time 3D Surface Scanning. *ACS Applied Materials & Interfaces*, **2021**,	9.5	5
54	Stretchable PPG sensor with light polarization for physical activity-permissible monitoring.. *Science Advances*, **2022**, 8, eabm3622	14.3	5
53	19-3: Invited Paper: Key Enabling Technology for Stretchable LED Display and Electronic System. *Digest of Technical Papers SID International Symposium*, **2017**, 48, 253-256	0.5	4
52	Tunable Stability of All-Inkjet-Printed Double-Gate Carbon Nanotube Thin Film Transistors. *IEEE Electron Device Letters*, **2020**, 41, 860-863	4.4	4
51	Fluoroelastomer encapsulation for enhanced reliability of solution-processed carbon nanotube thin-film transistors. *Thin Solid Films*, **2020**, 704, 138021	2.2	4
50	Printed cylindrical lens pair for application to the seam concealment in tiled displays. *Optics Express*, **2018**, 26, 824-834	3.3	4

49	Artificial Soft Elastic Media with Periodic Hard Inclusions for Tailoring Strain-Sensitive Thin-Film Responses. *Advanced Materials*, **2018**, 30, e1802190	24	4
48	P-122: Solution-processed Organic/Inorganic Hybrid CMOS-type Inverter. *Digest of Technical Papers SID International Symposium*, **2011**, 42, 1563-1566	0.5	4
47	Stretchable Low Resistance Thick Silver Electrode on Poly(dimethylsiloxane) Compliant Elastomeric Substrate. *Japanese Journal of Applied Physics*, **2010**, 49, 05EB09	1.4	4
46	77.2: Invited Paper: Technical Issues Towards All Inkjet-Printed Organic Thin-Film Transistors. *Digest of Technical Papers SID International Symposium*, **2010**, 41, 1147	0.5	4
45	Air-stable organic polymer red light-emitting devices on flexible plastic substrates **2002**,		4
44	Dense Assembly of Finely Patterned Semiconducting Single-Walled Carbon Nanotubes via a Selective Transfer Method of Nanotube-Attracting Layers. *ACS Applied Materials & Interfaces*, **2020**, 12, 38441-38450	9.5	4
43	Stable Logic Operation of Fiber-Based Single-Walled Carbon Nanotube Transistor Circuits Toward Thread-Like CMOS Circuitry. *Materials*, **2018**, 11,	3.5	4
42	P-29: Solution-processed Single-walled Carbon Nanotube Thin Film Transistors In-situ Patterned by Inkjet-printing of Surface Treatment Material. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1321-1324	0.5	3
41	Highly efficient solution-processed inverted polymer light emitting diodes with uniformly coated poly(3,4-ethylenedioxythiophene):poly(styrene-sulfonate) layers on a hydrophobic emission layer using a dilution method. *Thin Solid Films*, **2018**, 660, 782-788	2.2	3
40	P-214: Late-News Poster: Stretchable Active-Matrix Light-Emitting Diode Array Using Printed Electric Components on Plastic and Elastomer Hybrid Substrate. *Digest of Technical Papers SID International Symposium*, **2018**, 49, 1925-1927	0.5	3
39	Flexible High-Performance All-Inkjet-Printed Inverters: Organo-Compatible and Stable Interface Engineering (Adv. Mater. 34/2013). *Advanced Materials*, **2013**, 25, 4772-4772	24	3
38	Frequency Performance Optimization of Flexible Pentacene Rectifier by Varying the Thickness of Active Layer. *Japanese Journal of Applied Physics*, **2010**, 49, 05EB07	1.4	3
37	Characteristics of Inverters Using Pentacene Organic Thin Film Transistors with Printed Ag Electrodes. *Molecular Crystals and Liquid Crystals*, **2009**, 513, 262-267	0.5	3
36	Materials and device structures for high-performance poly OLEDs on flexible plastic substrates **2001**, 4105, 356		3
35	Effects of lithium doping and ultraviolet photo-patterning on electrical properties of InGaZnO thin film transistors. *Thin Solid Films*, **2020**, 707, 138098	2.2	3
34	Underwater maneuvering of robotic sheets through buoyancy-mediated active flutter. *Science Robotics*, **2021**, 6,	18.6	3
33	Effective mobility enhancement of amorphous In-Ga-Zn-O thin-film transistors by holographically generated periodic conductor. *AIP Advances*, **2016**, 6, 085311	1.5	3
32	Organic Field-Effect Transistors: Enhanced Charge Injection Properties of Organic Field-Effect Transistor by Molecular Implantation Doping (Adv. Mater. 10/2019). *Advanced Materials*, **2019**, 31, 1970073	24	2

31	Solution processed polymer light-emitting diodes with single layer graphene anode **2012**,		2
30	2-D Strain Sensors Implemented on Asymmetrically Bi-Axially Pre-Strained PDMS for Selectively Switching Stretchable Light-Emitting Device Arrays. *IEEE Sensors Journal*, **2020**, 20, 14655-14661	4	2
29	Inkjet-Printing-Based Density Profile Engineering of Single-Walled Carbon Nanotube Networks for Conformable High-On/Off-Performance Thin-Film Transistors. *ACS Applied Materials & Interfaces*, **2021**, 13, 43163-43173	9.5	2
28	Silver Nanowire Patterning: Highly Customizable Transparent Silver Nanowire Patterning via Inkjet-Printed Conductive Polymer Templates Formed on Various Surfaces (Adv. Mater. Technol. 6/2020). *Advanced Materials Technologies*, **2020**, 5, 2070036	6.8	1
27	Vertical organic field-effect transistor array fabrication based on laser holography lithography process **2011**,		1
26	Effect of the plasma-assisted patterning of the organic layers on the performance of organic light-emitting diodes. *Journal of Information Display*, **2009**, 10, 111-116	4.1	1
25	Guest Editorial Special Issue on Transparent Electronics. *Journal of Display Technology*, **2009**, 5, 429-430		1
24	P-114: Investigation of TIPS-pentacene on Inkjet-Printed Silver Source/Drain Electrodes. *Digest of Technical Papers SID International Symposium*, **2011**, 42, 1535-1538	0.5	1
23	Inkjet-printed SWCNT films for stretchable electrode and strain sensor applications **2012**,		1
22	P-188L: Late-News Poster: Quantification of Image Sticking for Images with Different Long-Range Non-Uniformity. *Digest of Technical Papers SID International Symposium*, **2009**, 40, 1386	0.5	1
21	Modeling of Printed Wavy Edge Patterns in TFT Channel Area. *Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS*, **2007**,		1
20	Frequency Dependency of Multi-layer OLED Current Density-voltage Shift and Its Application to Digitally-driven AMOLED. *Journal of the Optical Society of Korea*, **2012**, 16, 181-184		1
19	Improved Long-Term Stability of Low-Temperature Polysilicon Thin-Film Transistors by Using a Tandem Gate Insulator with an Atomic Layer of Deposited Silicon Dioxide. *Journal of the Korean Physical Society*, **2020**, 77, 277-281	0.6	1
18	Stretchable Electronics: Distortion-Free Stretchable Light-Emitting Diodes via Imperceptible Microwrinkles (Adv. Mater. Technol. 9/2020). *Advanced Materials Technologies*, **2020**, 5, 2070057	6.8	1
17	49-4L: Late-News Paper: All-Ink-Jet-Printed Wearable Information Display Directly Fabricated onto an Elastomeric Substrate. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 672-675	0.5	1
16	38-2: Invited Paper: Strain-engineered Platform Technology for Stretchable Hybrid Electronics. *Digest of Technical Papers SID International Symposium*, **2018**, 49, 483-485	0.5	1
15	Enhanced current path by circularly and periodically-aligned semiconducting single-walled carbon nanotubes for logic circuit device. *Flexible and Printed Electronics*, **2022**, 7, 015005	3.1	0
14	Stamp-Perforation-Inspired Micronotch for Selectively Tearing Fiber-Bridged Carbon Nanotube Thin Films and Its Applications for Strain Classification. *ACS Applied Materials & Interfaces*, **2021**, 13, 32307-32315	9.5	0

13	New Design Topology of High-Q Factor Printed Antenna having Unequal Width and Pitch used for Near-field Wireless Power Transmission. *IEEE Journal of Emerging and Selected Topics in Power Electronics*, **2021**, 1-1	5.6	0
12	Stretchable hybrid electronics: combining rigid electronic devices with stretchable interconnects into high-performance on-skin electronics. *Journal of Information Display*,1-22	4.1	0
11	P-67: Printed Reflective Sloped Wall for Enhancing Luminance of ColorConversion Light Source. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 1485-1487	0.5	
10	24.3: Invited Paper: Printed Electrodes for All-Solution-Processed Inverted-Structure OLEDs. *Digest of Technical Papers SID International Symposium*, **2019**, 50, 242-242	0.5	
9	Quantitative evaluation of image sticking on displays with different gradual luminous variation. *Journal of the Society for Information Display*, **2010**, 18, 228	2.1	
8	P-187: Micro-Patternable AgNW-PEDOT:PSS Hybrid Electrodes for All-Solution-Processed Polymer Light-Emitting Diodes. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 2075-2078	0.5	
7	P-116: Soft and Reconfigurable Wearable LED Display Using Soft Modular Blocks. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 1808-1810	0.5	
6	P-189: Late-News-Poster: In-situ Selective UV-O3 based Facile Patterning Method of Random SWCNT Networks for Solution-processed SWCNT TFT and Circuit Application. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 2113-2116	0.5	
5	P-190: Late-News-Poster: Micrometer-scale Patterning of Self-assembled SWCNT Films and Thin-Film Transistors Using Patterned PLL Layer. *Digest of Technical Papers SID International Symposium*, **2020**, 51, 2117-2120	0.5	
4	3D printing-based mirrored image component for seamless modular curved-edge displays. *Optics Express*, **2021**, 29, 14745-14756	3.3	
3	71-4: Illumination-Insensitive Mechanically Stable Transparent Flexible All-Ink-Jet-Printed Single-Walled Carbon-Nanotube TFTs. *Digest of Technical Papers SID International Symposium*, **2016**, 47, 962-965	0.5	
2	Stretchable Electronics: Highly Reliable Liquid Metal–Solid Metal Contacts with a Corrugated Single-Walled Carbon Nanotube Diffusion Barrier for Stretchable Electronics (Adv. Funct. Mater. 51/2018). *Advanced Functional Materials*, **2018**, 28, 1870361	15.6	
1	Thin Films: Artificial Soft Elastic Media with Periodic Hard Inclusions for Tailoring Strain-Sensitive Thin-Film Responses (Adv. Mater. 40/2018). *Advanced Materials*, **2018**, 30, 1870304	24	