

Jeong In Han

List of Publications by Year in descending order

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154
papers

4,326
citations

136885

32
h-index

123376

61
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155
all docs

155
docs citations

155
times ranked

5560
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi-functional carbon doped and decorated ZnO nanorods for enhanced pH monitoring of dairy milk and adsorption of hazardous dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, , .	2.9	4
2	Flower-like Mo doped Ni(OH) ₂ @Co ₃ S ₄ -Ni ₃ S ₂ heterostructure for asymmetric supercapacitors. <i>Surfaces and Interfaces</i> , 2022, 30, 101896.	1.5	10
3	Investigating the pseudo “Capacitive properties of interlayer engineered VOPO ₄ by organic molecule intercalation. <i>Ceramics International</i> , 2022, 48, 26226-26232.	2.3	2
4	In Situ Preparation of Gold@Silica Particles from a Mixture of Oil Palm Leaves and Chloroauric Acid for Reduction of Nitroaromatic Compounds in Water. <i>Waste and Biomass Valorization</i> , 2021, 12, 3773-3780.	1.8	3
5	Induced symmetric 2D Mesoporous Graphitic Carbon Spinel Cobalt Ferrite (CoFe ₂ O ₄ /2D-C) with high porosity fabricated via a facile and swift sucrose templated microwave combustion route for an improved supercapacitive performance. <i>Materials Research Bulletin</i> , 2021, 133, 111053.	2.7	7
6	Robust structural stability and performance-enhanced asymmetric supercapacitors based on CuMoO ₄ /ZnMoO ₄ nanoflowers prepared via a simple and low-energy precipitation route. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 6668-6681.	1.1	14
7	Potentiometric Performance of a Highly Flexible-Shaped Trifunctional Sensor Based on ZnO/V ₂ O ₅ Microrods. <i>Sensors</i> , 2021, 21, 2559.	2.1	4
8	Construction of NiCo-OH/Ni ₃ S ₂ core-shell heterostructure wrapped in rGO nanosheets as efficient supercapacitor electrode enabling high stability up to 20,000 cycles. <i>Journal of Electroanalytical Chemistry</i> , 2021, 889, 115226.	1.9	12
9	Flexible and patterned-free Ni/NiO-based temperature device on cylindrical PET fabricated by RF magnetron sputtering: Bending and washing endurance tests. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 100, 372-382.	2.9	8
10	One-pot synthesis of ultrahigh performance nanorod structured Co ₃ O ₄ @Fe ₂ O ₃ anchored on a resonating 2D-carbon with high potential window and surface area for supercapacitors application. <i>Ceramics International</i> , 2021, 47, 23665-23669.	2.3	4
11	Reinforced supercapacitive behavior of O ₃ -type layer-structured Na ₃ Ni ₂ BiO ₆ in 1-butyl-3-methylimidazolium tetrafluoroborate (BMIMBF ₄) electrolyte. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 16688-16700.	1.1	2
12	Biogenesis of Prism-Like Silver Oxide Nanoparticles Using Nappa Cabbage Extract and Their p-Nitrophenol Sensing Activity. <i>Molecules</i> , 2020, 25, 2298.	1.7	6
13	Newly Design Porous/Sponge Red Phosphorus@Graphene and Highly Conductive Ni ₂ P Electrode for Asymmetric Solid State Supercapacitive Device With Excellent Performance. <i>Nano-Micro Letters</i> , 2020, 12, 25.	14.4	44
14	Quaternary transition metal molybdate (Mn _{0.25} Ni _{0.25} Co _{0.25} Fe _{0.25} MoO ₄) design to improve the kinetics of the redox reaction in supercapacitors. <i>Ceramics International</i> , 2020, 46, 12422-12429.	2.3	14
15	Development of a Highly Flexible and Durable Fiber-Shaped Temperature Sensor Based on Graphene/Ni Double-Decked Layer for Wearable Devices. <i>IEEE Sensors Journal</i> , 2020, 20, 5146-5154.	2.4	12
16	Sucrose-templated interconnected meso/macro-porous 2D symmetric graphitic carbon networks as supports for $\text{I}^{\pm}\text{-Fe}_{2}\text{O}_{3}$ towards improved supercapacitive behavior. <i>RSC Advances</i> , 2020, 10, 15751-15762.	1.7	4
17	Development of flexible, stable, and efficient inverted organic solar cells harvesting light in all directions. <i>Electrochimica Acta</i> , 2019, 326, 134985.	2.6	3
18	Preparation of hierarchical flower-like nickel sulfide as hole transporting material for organic solar cells via a one-step solvothermal method. <i>Solar Energy</i> , 2019, 188, 403-413.	2.9	12

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19	Polypyrrole nanostructures//activated carbon based electrode for energy storage applications. Journal of Materials Science: Materials in Electronics, 2019, 30, 7890-7900.	1.1	5
20	Enhancing the photovoltaic characteristics of organic solar cells by introducing highly conductive graphene as a conductive platform for a PEDOT:PSS anode interfacial layer. Journal of Materials Science: Materials in Electronics, 2019, 30, 6187-6200.	1.1	15
21	Enhanced pseudocapacitance of NiSe ₂ /Ni(OH) ₂ nanocomposites for supercapacitor electrode. Materials Letters, 2019, 234, 87-91.	1.3	28
22	Studies on the graded band-gap copper indium di-selenide thin film solar cells prepared by electrochemical route. Applied Surface Science, 2019, 466, 358-366.	3.1	7
23	Robust cyclic stability and high-rate asymmetric supercapacitor based on orange peel-derived nitrogen-doped porous carbon and intercrossed interlinked urchin-like NiCo ₂ O ₄ @3DNF framework. Electrochimica Acta, 2019, 293, 84-96.	2.6	62
24	Significant improvement in the photovoltaic stability of bulk heterojunction organic solar cells by the molecular level interaction of graphene oxide with a PEDOT: PSS composite hole transport layer. Solar Energy, 2018, 167, 24-34.	2.9	41
25	Facilely synthesized NiMoO ₄ /CoMoO ₄ nanorods as electrode material for high performance supercapacitor. Journal of Alloys and Compounds, 2018, 742, 342-350.	2.8	119
26	Facile room temperature synthesis and application of MnMoO ₄ ·0.9H ₂ O as supercapacitor electrode material. Materials Letters, 2018, 217, 146-150.	1.3	25
27	Fabrication of highly flexible conducting electrode based on MnS nanoparticles/graphite/scotch tape for supercapacitor applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 1636-1642.	1.1	13
28	Facile synthesis of ZnS/MnS nanocomposites for supercapacitor applications. Journal of Solid State Electrochemistry, 2018, 22, 303-313.	1.2	69
29	Single fiber UV detector based on hydrothermally synthesized ZnO nanorods for wearable computing devices. Applied Surface Science, 2018, 428, 233-241.	3.1	29
30	Fabrication of $\text{Ni}(\text{OH})_2/\text{Fe}_2\text{O}_3$ nanostructures for high-performance asymmetric supercapacitors. Journal of Solid State Electrochemistry, 2018, 22, 293-302.	1.2	8
31	Interface engineering of G-PEDOT: PSS hole transport layer via interlayer chemical functionalization for enhanced efficiency of large-area hybrid solar cells and their charge transport investigation. Solar Energy, 2018, 174, 743-756.	2.9	23
32	Improving the conductivity of PEDOT:PSS to nearly 1 million S/m with graphene on an ITO-glass substrate. Synthetic Metals, 2018, 245, 276-285.	2.1	21
33	Study of interface chemistry between the carrier-transporting layers and their influences on the stability and performance of organic solar cells. Applied Nanoscience (Switzerland), 2018, 8, 1325-1341.	1.6	9
34	Solid State Supercapacitor Based on Manganese Oxide@Reduced Graphene Oxide and Polypyrrole Electrodes. ChemElectroChem, 2018, 5, 2747-2757.	1.7	17
35	The effect of the functionalization of multiple carrier transporting interlayers on the performance and stability of bulk heterojunction organic solar cells. Journal of Materials Science: Materials in Electronics, 2018, 29, 13561-13576.	1.1	3
36	Electrical structure, magnetic polaron and lithium ion dynamics in four mixed-metal oxide multiple-phase electrode cathode material for Li ion batteries from density functional theory study. Computational Materials Science, 2017, 132, 92-103.	1.4	9

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37	High Performance Cylindrical Capacitor as a Relative Humidity Sensor for Wearable Computing Devices. Journal of the Electrochemical Society, 2017, 164, B136-B141.	1.3	18
38	Honeycomb layered oxide Na ₃ Ni ₂ SbO ₆ for high performance pseudocapacitor. Journal of Alloys and Compounds, 2017, 704, 734-741.	2.8	16
39	The effect of the nickel and chromium concentration ratio on the temperature coefficient of the resistance of a Ni-Cr thin film-based temperature sensor. Sensors and Actuators A: Physical, 2017, 260, 198-205.	2.0	16
40	Cylindrical relative humidity sensor based on poly-vinyl alcohol (PVA) for wearable computing devices with enhanced sensitivity. Sensors and Actuators A: Physical, 2017, 261, 268-273.	2.0	34
41	Resistive behavior of Ni thin film on a cylindrical PET monofilament with temperature for wearable computing devices. Sensors and Actuators A: Physical, 2017, 259, 96-104.	2.0	10
42	Layered Na ₂ /3Ni ₁ /3Mn ₂ /3O ₂ as electrode material with two redox active transition metals for high performance supercapacitor. Journal of Alloys and Compounds, 2017, 728, 78-87.	2.8	11
43	Fabrication of thermally evaporated Al thin film on cylindrical PET monofilament for wearable computing devices. Electronic Materials Letters, 2016, 12, 186-196.	1.0	10
44	Electrical Properties of Conductive Cotton Yarn Coated with Eosin Y Functionalized Reduced Graphene Oxide. Journal of Nanoscience and Nanotechnology, 2016, 16, 6061-6067.	0.9	5
45	Electrical structures, magnetic polaron and lithium ion dynamics in three transition metal doped LiFe _{1-x} M _x PO ₄ (M = Mn, Co and La) cathode material for Li ion batteries from density functional theory study. Solid State Ionics, 2016, 294, 73-81.	1.3	16
46	Synthesis, characterization and lithium-ion migration dynamics simulation of LiFe _{1-x} T _x PO ₄ (T = Mn, Ni) for Li-ion batteries. Journal of Applied Electrochemistry, 2016, 122, 1.	1.1	8
47	Facile hydrothermal synthesis of hexapod-like two dimensional dichalcogenide NiSe ₂ for supercapacitor. Materials Letters, 2016, 181, 345-349.	1.3	92
48	Size effect on negative capacitance at forward bias in InGaN/GaN multiple quantum well-based blue LED. Electronic Materials Letters, 2016, 12, 67-75.	1.0	14
49	Electrical characterization and thermal admittance spectroscopy analysis of InGaN/GaN MQW blue LED structure. Electronic Materials Letters, 2015, 11, 982-992.	1.0	23
50	Synthesis and characterization of Fe ₂ O ₃ Micro-/Nanorods-modified glassy carbon electrode for electrochemical sensing of nitrobenzene. Ceramics International, 2015, 41, 5568-5573.	2.3	31
51	Photocatalytic degradation of acid orange 7 using Cr-doped CeO ₂ nanorods. Journal of Materials Science: Materials in Electronics, 2015, 26, 1441-1448.	1.1	8
52	Enhanced photocatalytic property of self-assembled Fe-doped CeO ₂ hierarchical nanostructures. Materials Letters, 2015, 145, 189-192.	1.3	35
53	Fabrication of CeO ₂ /Fe ₂ O ₃ composite nanospindles for enhanced visible light driven photocatalysts and supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 15248-15258.	5.2	189
54	Effect of SiO ₂ nanoparticle doping on electro-optical properties of polymer dispersed liquid crystal lens for smart electronic glasses. Nano Convergence, 2015, 2, .	6.3	18

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55	Facile hydrothermal synthesis of CeO ₂ nanopebbles. Bulletin of Materials Science, 2015, 38, 1135-1139.	0.8	14
56	Structure and electrochemical detection of xenobiotic micro-pollutant hydroquinone using CeO ₂ nanocrystals. RSC Advances, 2015, 5, 70558-70565.	1.7	11
57	Electroless plating of copper nanoparticles on PET fiber for non-enzymatic electrochemical detection of H ₂ O ₂ . RSC Advances, 2015, 5, 76729-76732.	1.7	13
58	Solution-processed indium-tin-oxide nanoparticle transparent conductors on flexible glass substrate with high optical transmittance and high thermal stability. Japanese Journal of Applied Physics, 2014, 53, 08NF04.	0.8	5
59	Solvothermal synthesis of three-dimensional CeO ₂ micropillows and their photocatalytic property. Physica Status Solidi - Rapid Research Letters, 2014, 8, 643-647.	1.2	3
60	Effect of cell gap on electro-optical properties of polymer dispersed liquid crystal lens for smart electronic glasses. Electronic Materials Letters, 2014, 10, 857-861.	1.0	12
61	Effect of liquid crystal concentration on electro-optical properties of polymer dispersed liquid crystal lens for smart electronic glasses with auto-shading and auto-focusing function. Electronic Materials Letters, 2014, 10, 607-610.	1.0	17
62	Effect of UV intensity on the electro-optical properties of polymer dispersed liquid crystal lens for smart electronic glasses. Electronic Materials Letters, 2014, 10, 665-669.	1.0	13
63	Effects of oxide electron transport layer on quantum dots light emitting diode with an organic/inorganic hybrid structure. Electronic Materials Letters, 2013, 9, 779-782.	1.0	9
64	IR Sensor Synchronizing Active Shutter Glasses for 3D HDTV with Flexible Liquid Crystal Lenses. Sensors, 2013, 13, 16583-16590.	2.1	4
65	High-Performance 2,8-Difluoro-5,11-bis(triethylsilylethynyl) Anthradithiophene Thin-Film Transistors Facilitated by Predeposited Ink-Jet Blending. Japanese Journal of Applied Physics, 2013, 52, 031601.	0.8	5
66	Active shutter glasses for 3D HDTV with flexible liquid crystal lens. , 2013, , .		1
67	Enhanced Stability of All Solution-Processed Organic Thin-Film Transistors Using Highly Conductive Modified Polymer Electrodes. Japanese Journal of Applied Physics, 2012, 51, 091602.	0.8	2
68	High-Performance Semitransparent Bulk-Heterojunction Organic Photovoltaics with Ag Interfacial Layer. Japanese Journal of Applied Physics, 2012, 51, 024104.	0.8	0
69	Effect of Zinc/Tin Composition Ratio on the Operational Stability of Solution-Processed Zinc-Tin-Oxide Thin-Film Transistors. IEEE Electron Device Letters, 2012, 33, 50-52.	2.2	57
70	Improvement of electrical properties of printed ITO thin films by heat-treatment conditions. Current Applied Physics, 2011, 11, S202-S205.	1.1	13
71	Fast and Stable Solution-Processed Transparent Oxide Thin-Film Transistor Circuits. IEEE Electron Device Letters, 2011, 32, 524-526.	2.2	22
72	Improving the Electrical Properties of Zinc Tin Oxide Thin Film Transistors Using Atmospheric Plasma Treatment. Electrochemical and Solid-State Letters, 2011, 14, H354.	2.2	10

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73	Transparent organic light-emitting devices with CsCl capping layers on semitransparent Ca/Ag cathodes. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 172, 76-79.	1.7	10
74	Effect of Metallic Composition on Electrical Properties of Solution-Processed Indium-Gallium-Zinc-Oxide Thin-Film Transistors. <i>IEEE Transactions on Electron Devices</i> , 2010, 57, 1009-1014.	1.6	69
75	Highly light-responsive ink-jet printed 6,13-bis(triisopropylsilylethynyl) pentacene phototransistors with suspended top-contact structure. <i>Organic Electronics</i> , 2010, 11, 1529-1533.	1.4	30
76	Top emission organic light-emitting devices with CsCl capping layer. <i>Thin Solid Films</i> , 2010, 518, 2793-2795.	0.8	3
77	Eco-friendly synthesis of SiO ₂ nanoparticles with high purity for digital printing. <i>Thin Solid Films</i> , 2010, 518, 6634-6637.	0.8	2
78	Solvent-mediated threshold voltage shift in solution-processed transparent oxide thin-film transistors. <i>Applied Physics Letters</i> , 2010, 97, 092105.	1.5	14
79	Coupling Top- and Bottom-Gate ZnO Thin Film Transistors for Low Voltage, High Gain Inverter. <i>Electrochemical and Solid-State Letters</i> , 2010, 13, H194.	2.2	5
80	Physical and Electrical Properties of SiO ₂ Layer Synthesized by Eco-Friendly Method. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 05EA02.	0.8	4
81	Ink-Jet-Printed Zinc-Tin-Oxide Thin-Film Transistors and Circuits With Rapid Thermal Annealing Process. <i>IEEE Electron Device Letters</i> , 2010, 31, 836-838.	2.2	45
82	Effects of the Concentration of Indium-tin-oxide (ITO) Ink on the Characteristics of Directly-printed ITO Thin Films. <i>Journal of the Korean Physical Society</i> , 2010, 57, 1794-1798.	0.3	7
83	All solution-processed high-resolution bottom-contact transparent metal-oxide thin film transistors. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 125102.	1.3	53
84	Effect of Annealing Treatment and Surface Morphology on Power Conversion in Organic Photovoltaics. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 081505.	0.8	9
85	Sr/Ag semitransparent cathodes for top emission organic light-emitting devices. <i>Thin Solid Films</i> , 2009, 517, 2035-2038.	0.8	5
86	Environmental and operational stability of solution-processed 6,13-bis(triisopropyl-silylethynyl) pentacene thin film transistors. <i>Organic Electronics</i> , 2009, 10, 486-490.	1.4	77
87	High-resolution patterned nanoparticulate Ag electrodes toward all printed organic thin film transistors. <i>Organic Electronics</i> , 2009, 10, 1102-1108.	1.4	25
88	Color Stability of White Organic Light Emitting Diodes as Position of Partially Doped Rubrene in DPVBi Emission Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 499, 66/[388]-74/[396].	0.4	0
89	High Performance Solution-Processed and Lithographically Patterned Zinc-Tin Oxide Thin-Film Transistors with Good Operational Stability. <i>Electrochemical and Solid-State Letters</i> , 2009, 12, H256.	2.2	72
90	Characteristics of ITO and Overcoat Layer for Full Color Organic Light Emitting Diode with Color Filter. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 499, 58/[380]-65/[387].	0.4	0

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91	Glycerol-Doped Poly(3,4-ethylenedioxy-thiophene):Poly(styrene sulfonate) Buffer Layer for Improved Power Conversion in Organic Photovoltaic Devices. <i>Journal of the Electrochemical Society</i> , 2009, 156, H782.	1.3	22
92	Room-Temperature Self-Organizing Characteristics of Soluble Acene Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2008, 18, 560-565.	7.8	40
93	Development of Ultrafine Indium Tin Oxide (ITO) Nanoparticle for Ink-Jet Printing by Low-Temperature Synthetic Method. <i>IEEE Nanotechnology Magazine</i> , 2008, 7, 172-176.	1.1	53
94	Dynamic Characteristics of Vertically Aligned Liquid Crystal Device Using a Polymer Wall Associated with the Boundary Condition of Alignment Layer. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 476, 115/[361]-123/[369].	0.4	0
95	Hybrid Passivation for a Film-like Organic Light-Emitting Diode using Parylene and Silicon Dioxide. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 810-814.	0.8	7
96	Solution-processable pentacene microcrystal arrays for high performance organic field-effect transistors. <i>Applied Physics Letters</i> , 2007, 90, 132106.	1.5	140
97	Organic thin-film transistors using suspended source/drain electrode structure. <i>Applied Physics Letters</i> , 2007, 91, 042113.	1.5	7
98	Spiro-silacycloalkyl Tetraphenylsiloles with a Tunable Exocyclic Ring: Preparation, Characterization, and Device Application of 1,1-Silacycloalkyl-2,3,4,5-tetraphenylsiloles. <i>Organometallics</i> , 2007, 26, 519-526.	1.1	36
99	Fabrication of low-temperature-polysilicon thin-film transistors on flexible substrates using excimer-laser crystallization. <i>Journal of the Society for Information Display</i> , 2007, 15, 1105.	0.8	2
100	High-Mobility Organic Transistors Based on Single-Crystalline Microribbons of Trisopropylsilylethynyl Pentacene via Solution-Phase Self-Assembly. <i>Advanced Materials</i> , 2007, 19, 678-682.	11.1	339
101	Effect of synthetic conditions on particle size and photo-luminescence properties of Y ₂ O ₃ :Eu ³⁺ nanophosphor. <i>Journal of Electroceramics</i> , 2007, 18, 67-71.	0.8	5
102	Ca/Ag bilayer cathode for transparent white organic light-emitting devices. <i>Applied Surface Science</i> , 2007, 253, 4249-4253.	3.1	23
103	Green top-emitting organic light emitting device with transparent Ba:Ag bilayer cathode. <i>Applied Physics Letters</i> , 2006, 89, 123501.	1.5	18
104	Influence of Eu ³⁺ doping content on photoluminescence of Gd ₂ O ₃ :Eu ³⁺ phosphors prepared by liquid-phase reaction method. <i>Journal of Luminescence</i> , 2006, 118, 199-204.	1.5	27
105	Synthesis and characterization of indium tin oxide (ITO) nanoparticle using gas evaporation process. <i>Journal of Electroceramics</i> , 2006, 17, 821-826.	0.8	15
106	Effects of parylene buffer layer on flexible substrate in organic light emitting diode. <i>Thin Solid Films</i> , 2006, 513, 258-263.	0.8	39
107	Transparent White OLEDs Using Ca:Ag Cathode. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 459, 75/[355]-84/[364].	0.4	0
108	Red electrophosphorescent top emission organic light-emitting device with Ca:Ag semitransparent cathode. <i>Applied Physics Letters</i> , 2006, 89, 253508.	1.5	16

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109	Fabrication of 5,6,11,12-tetraphenyl-naphthacene doped 4-bis(2,2-diphenylvinyl)-1,1-biphenyl white organic light-emitting device. <i>Applied Physics Letters</i> , 2006, 89, 2235-14.	1.5	0
110	Efficient red electrophosphorescent top-emitting organic light-emitting devices. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2005, 121, 232-237.	1.7	11
111	Enhancement of Field-Effect Mobility Due to Surface-Mediated Molecular Ordering in Regioregular Polythiophene Thin Film Transistors. <i>Advanced Functional Materials</i> , 2005, 15, 77-82.	7.8	441
112	Thermal Behavior of SnO ₂ 5 wt % Pd Composite Nanoparticles Fabricated by In-Situ Synthetic Method. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 7698-7702.	0.8	6
113	Color Tracking Analysis of the Fringe-Field-Switching Cell Using a Liquid Crystal with Negative Dielectric Anisotropy. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 225-228.	0.8	2
114	Low-temperature catalyst adding for tin-oxide nanostructure gas sensors. <i>IEEE Sensors Journal</i> , 2005, 5, 12-19.	2.4	6
115	Organic thin-film devices on paper substrates. <i>Journal of the Society for Information Display</i> , 2005, 13, 829.	0.8	10
116	Position Dependent Stress Distribution of Indium-Tin-Oxide on Polymer Substrate by Applying External Bending Force. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 2677-2680.	0.8	3
117	Transient electrophosphorescence in red top-emitting organic light-emitting devices. <i>Applied Physics Letters</i> , 2004, 85, 4771-4773.	1.5	16
118	Organic Thin Film Transistor-Driven Liquid Crystal Displays on Flexible Polymer Substrate. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 3605-3608.	0.8	24
119	Control of High Pretilt Angle for Nematic Liquid Crystal on Homeotropic Alignment Layer by In-situ Photoalignment Method. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 412, 269-275.	0.4	6
120	Organic TFT Array on a Paper Substrate. <i>IEEE Electron Device Letters</i> , 2004, 25, 702-704.	2.2	160
121	Resistivity Characteristics of Plastic Multi-Barrier ITO Film by the Bending Process. <i>Ferroelectrics</i> , 2004, 303, 155-158.	0.3	0
122	Active-matrix liquid crystal display using solution-based organic thin film transistors on plastic substrates. <i>Displays</i> , 2004, 25, 167-170.	2.0	24
123	Realization of an efficient top emission organic light-emitting device with novel electrodes. <i>Thin Solid Films</i> , 2004, 467, 201-208.	0.8	45
124	Effect of low temperature composite catalyst loading (LTC2L) on sensing properties of nano gas sensor. <i>Sensors and Actuators A: Physical</i> , 2004, 112, 80-86.	2.0	7
125	Transparent conducting metal electrode for top emission organic light-emitting devices: Ca/Ag double layer. <i>Applied Physics Letters</i> , 2004, 84, 4614-4616.	1.5	138
126	Failure of the top emission organic light-emitting device with a Ca/Ag semitransparent cathode. <i>Synthetic Metals</i> , 2004, 146, 63-68.	2.1	14

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127	Electrical and mechanical properties of low temperature evaporated silicon dioxide/polyimide dual-layer insulator for plastic-based polymer transistor. <i>Thin Solid Films</i> , 2003, 429, 231-237.	0.8	16
128	Admittance Spectroscopic Characteristics and Equivalent Circuit Modeling of Small Molecule-Based Organic Light Emitting Diodes. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 2715-2718.	0.8	12
129	Electrical characteristics of poly (3-hexylthiophene) thin film transistors printed and spin-coated on plastic substrates. <i>Synthetic Metals</i> , 2003, 139, 377-384.	2.1	42
130	Improvement of luminance efficiency in xenon dielectric barrier discharge flat lamp. <i>IEEE Transactions on Plasma Science</i> , 2003, 31, 176-179.	0.6	10
131	Mechanical Stability of Externally Deformed Indium-Tin-Oxide Films on Polymer Substrates. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 623-629.	0.8	115
132	Electro-Mechanical Properties of Metal-Insulator-Metal Device Fabricated on Polymer Substrate Using Low-Temperature Process. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 533-540.	0.8	6
133	High Performance Polymer Thin Film Transistors Array Printed on a Flexible Polycarbonate Substrate. <i>Materials Research Society Symposia Proceedings</i> , 2002, 736, 1.	0.1	6
134	Electro-structural and Film Growth Properties of Room-temperature Deposited Indium-Tin-Oxide on Polymer Substrates. <i>Materials Research Society Symposia Proceedings</i> , 2002, 747, 1.	0.1	0
135	High-performance polymer tfts printed on a plastic substrate. <i>IEEE Transactions on Electron Devices</i> , 2002, 49, 2008-2015.	1.6	60
136	Flexible metal-insulator-metal (MIM) devices for plastic film AM-LCD. <i>Current Applied Physics</i> , 2002, 2, 245-248.	1.1	11
137	Analysis of ITO Films Deposited on Various Polymer Substrates for High-Resolution Plastic Film LCDs. <i>Materials Research Society Symposia Proceedings</i> , 2001, 685, 1.	0.1	3
138	Mechanics of Indium-Tin-Oxide Films on Polymer Substrates with Organic Buffer Layer. <i>Materials Research Society Symposia Proceedings</i> , 2001, 695, 1.	0.1	1
139	Electrical and mechanical properties of indium-tin-oxide films deposited on polymer substrate using organic buffer layer. <i>Journal of Information Display</i> , 2001, 2, 52-60.	2.1	4
140	Deposition of indium-tin-oxide films on polymer substrates for application in plastic-based flat panel displays. <i>Thin Solid Films</i> , 2001, 397, 49-55.	0.8	185
141	Chip Bonding on Non-rigid and Flexible Substrates with New Stepped Processes. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 412-418.	0.8	14
142	Glass-to-glass electrostatic bonding for FED tubeless packaging application. <i>Microelectronics Journal</i> , 1998, 29, 839-844.	1.1	2
143	Time-resolved spectroscopic study of energy transfer in ZnO:EuCl ₃ phosphors. <i>Journal of Luminescence</i> , 1998, 78, 87-90.	1.5	51
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