

# Jeong In Han

## List of Publications by Year in descending order

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154  
papers

4,326  
citations

136885

32  
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61  
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155  
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155  
docs citations

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times ranked

5560  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	High-Mobility Organic Transistors Based on Single-Crystalline Microribbons of Triisopropylsilylethynyl Pentacene via Solution-Phase Self-Assembly. <i>Advanced Materials</i> , 2007, 19, 678-682.	11.1	339
3	Fabrication of CeO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> composite nanospindles for enhanced visible light driven photocatalysts and supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15248-15258.	5.2	189
4	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
5	Organic TFT Array on a Paper Substrate. <i>IEEE Electron Device Letters</i> , 2004, 25, 702-704.	2.2	160
6	Solution-processable pentacene microcrystal arrays for high performance organic field-effect transistors. <i>Applied Physics Letters</i> , 2007, 90, 132106.	1.5	140
7	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
8	Facilely synthesized NiMoO <sub>4</sub> /CoMoO <sub>4</sub> nanorods as electrode material for high performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018, 742, 342-350.	2.8	119
9	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
10	Facile hydrothermal synthesis of hexapod-like two dimensional dichalcogenide NiSe <sub>2</sub> for supercapacitor. <i>Materials Letters</i> , 2016, 181, 345-349.	1.3	92
11	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
12	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
13	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
14	Facile synthesis of ZnS/MnS nanocomposites for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 303-313.	1.2	69
15	Robust cyclic stability and high-rate asymmetric supercapacitor based on orange peel-derived nitrogen-doped porous carbon and intercrossed interlinked urchin-like NiCo <sub>2</sub> O <sub>4</sub> @3DNF framework. <i>Electrochimica Acta</i> , 2019, 293, 84-96.	2.6	62
16	High-performance polymer tfts printed on a plastic substrate. <i>IEEE Transactions on Electron Devices</i> , 2002, 49, 2008-2015.	1.6	60
17	Effect of Zinc/Tin Composition Ratio on the Operational Stability of Solution-Processed Zinc-Tin Oxide Thin-Film Transistors. <i>IEEE Electron Device Letters</i> , 2012, 33, 50-52.	2.2	57
18	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

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19	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
20	Time-resolved spectroscopic study of energy transfer in ZnO:EuCl <sub>3</sub> phosphors. <i>Journal of Luminescence</i> , 1998, 78, 87-90.	1.5	51
21	Effect of coupling structure of Eu on the photoluminescent characteristics for ZnO:EuCl <sub>3</sub> phosphors. <i>Applied Physics Letters</i> , 1998, 72, 668-670.	1.5	51
22	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
23	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
24	Newly Design Porous/Sponge Red Phosphorus@Graphene and Highly Conductive Ni <sub>2</sub> P Electrode for Asymmetric Solid State Supercapacitive Device With Excellent Performance. <i>Nano-Micro Letters</i> , 2020, 12, 25.	14.4	44
25	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
26	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. <i>Solar Energy</i> , 2018, 167, 24-34.	2.9	41
27	Room-Temperature Self-Organizing Characteristics of Soluble Acene Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2008, 18, 560-565.	7.8	40
28	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
29	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
30	Enhanced photocatalytic property of self-assembled Fe-doped CeO <sub>2</sub> hierarchical nanostructures. <i>Materials Letters</i> , 2015, 145, 189-192.	1.3	35
31	Cylindrical relative humidity sensor based on poly-vinyl alcohol (PVA) for wearable computing devices with enhanced sensitivity. <i>Sensors and Actuators A: Physical</i> , 2017, 261, 268-273.	2.0	34
32	Effect of substitution of titanium by zirconium in TiFe on hydrogenation properties. <i>Journal of the Less Common Metals</i> , 1986, 119, 237-246.	0.9	32
33	Synthesis and characterization of Fe <sub>2</sub> O <sub>3</sub> Micro-/Nanorods-modified glassy carbon electrode for electrochemical sensing of nitrobenzene. <i>Ceramics International</i> , 2015, 41, 5568-5573.	2.3	31
34	An investigation of the intrinsic degradation mechanism of LaNi <sub>5</sub> by thermal desorption technique. <i>International Journal of Hydrogen Energy</i> , 1988, 13, 577-581.	3.8	30
35	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
36	Single fiber UV detector based on hydrothermally synthesized ZnO nanorods for wearable computing devices. <i>Applied Surface Science</i> , 2018, 428, 233-241.	3.1	29

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37	Influence of oxygen impurity on the hydrogenation properties of LaNi <sub>5</sub> , LaNi <sub>4.7</sub> Al <sub>0.3</sub> and MmNi <sub>4.5</sub> Al <sub>0.5</sub> during long-term pressure-induced hydriding-dehydriding cycling. <i>Journal of the Less Common Metals</i> , 1989, 152, 329-338.	0.9	28
38	Enhanced pseudocapacitance of NiSe <sub>2</sub> /Ni(OH) <sub>2</sub> nanocomposites for supercapacitor electrode. <i>Materials Letters</i> , 2019, 234, 87-91.	1.3	28
39	Influence of Eu <sup>3+</sup> doping content on photoluminescence of Gd <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> phosphors prepared by liquid-phase reaction method. <i>Journal of Luminescence</i> , 2006, 118, 199-204.	1.5	27
40	High-resolution patterned nanoparticulate Ag electrodes toward all printed organic thin film transistors. <i>Organic Electronics</i> , 2009, 10, 1102-1108.	1.4	25
41	Facile room temperature synthesis and application of MnMoO <sub>4</sub> ·0.9H <sub>2</sub> O as supercapacitor electrode material. <i>Materials Letters</i> , 2018, 217, 146-150.	1.3	25
42	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
43	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
44	Ca/Ag bilayer cathode for transparent white organic light-emitting devices. <i>Applied Surface Science</i> , 2007, 253, 4249-4253.	3.1	23
45	Electrical characterization and thermal admittance spectroscopy analysis of InGaN/GaN MQW blue LED structure. <i>Electronic Materials Letters</i> , 2015, 11, 982-992.	1.0	23
46	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. <i>Solar Energy</i> , 2018, 174, 743-756.	2.9	23
47	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
48	Fast and Stable Solution-Processed Transparent Oxide Thin-Film Transistor Circuits. <i>IEEE Electron Device Letters</i> , 2011, 32, 524-526.	2.2	22
49	Improving the conductivity of PEDOT:PSS to nearly 1 million S/m with graphene on an ITO-glass substrate. <i>Synthetic Metals</i> , 2018, 245, 276-285.	2.1	21
50	Hydriding kinetics of LaNi <sub>5</sub> and LaNi <sub>4.7</sub> Al <sub>0.3</sub> . <i>International Journal of Hydrogen Energy</i> , 1989, 14, 181-186.	3.8	20
51	The effect of CO impurity on the hydrogenation properties of LaNi <sub>5</sub> , LaNi <sub>4.7</sub> Al <sub>0.3</sub> and MmNi <sub>4.5</sub> Al <sub>0.5</sub> during hydriding-dehydriding cycling. <i>Journal of the Less Common Metals</i> , 1989, 152, 319-327.	0.9	19
52	Green top-emitting organic light emitting device with transparent Ba <sup>2+</sup> /Ag bilayer cathode. <i>Applied Physics Letters</i> , 2006, 89, 123501.	1.5	18
53	Effect of SiO <sub>2</sub> nanoparticle doping on electro-optical properties of polymer dispersed liquid crystal lens for smart electronic glasses. <i>Nano Convergence</i> , 2015, 2, .	6.3	18
54	High Performance Cylindrical Capacitor as a Relative Humidity Sensor for Wearable Computing Devices. <i>Journal of the Electrochemical Society</i> , 2017, 164, B136-B141.	1.3	18

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55	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. <i>Electronic Materials Letters</i> , 2014, 10, 607-610.	1.0	17
56	Solid State Supercapacitor Based on Manganese Oxide@Reduced Graphene Oxide and Polypyrrole Electrodes. <i>ChemElectroChem</i> , 2018, 5, 2747-2757.	1.7	17
57	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
58	Transient electrophosphorescence in red top-emitting organic light-emitting devices. <i>Applied Physics Letters</i> , 2004, 85, 4771-4773.	1.5	16
59	Red electrophosphorescent top emission organic light-emitting device with Ca <sup>2+</sup> /Ag semitransparent cathode. <i>Applied Physics Letters</i> , 2006, 89, 253508.	1.5	16
60	Electrical structures, magnetic polaron and lithium ion dynamics in three transition metal doped LiFe <sub>1-x</sub> M <sub>x</sub> PO <sub>4</sub> (M = Mn, Co and La) cathode material for Li ion batteries from density functional theory study. <i>Solid State Ionics</i> , 2016, 294, 73-81.	1.3	16
61	Honeycomb layered oxide Na <sub>3</sub> Ni <sub>2</sub> SbO <sub>6</sub> for high performance pseudocapacitor. <i>Journal of Alloys and Compounds</i> , 2017, 704, 734-741.	2.8	16
62	The effect of the nickel and chromium concentration ratio on the temperature coefficient of the resistance of a Ni <sup>2+</sup> /Cr thin film-based temperature sensor. <i>Sensors and Actuators A: Physical</i> , 2017, 260, 198-205.	2.0	16
63	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
64	Enhancing the photovoltaic characteristics of organic solar cells by introducing highly conductive graphene as a conductive platform for a PEDOT:PSS anode interfacial layer. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6187-6200.	1.1	15
65	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
66	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
67	Solvent-mediated threshold voltage shift in solution-processed transparent oxide thin-film transistors. <i>Applied Physics Letters</i> , 2010, 97, 092105.	1.5	14
68	Facile hydrothermal synthesis of CeO <sub>2</sub> nanopebbles. <i>Bulletin of Materials Science</i> , 2015, 38, 1135-1139.	0.8	14
69	Size effect on negative capacitance at forward bias in InGaN/GaN multiple quantum well-based blue LED. <i>Electronic Materials Letters</i> , 2016, 12, 67-75.	1.0	14
70	Quaternary transition metal molybdate (Mn <sub>0.25</sub> Ni <sub>0.25</sub> Co <sub>0.25</sub> Fe <sub>0.25</sub> MoO <sub>4</sub> ) design to improve the kinetics of the redox reaction in supercapacitors. <i>Ceramics International</i> , 2020, 46, 12422-12429.	2.3	14
71	Robust structural stability and performance-enhanced asymmetric supercapacitors based on CuMoO <sub>4</sub> /ZnMoO <sub>4</sub> 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
72	Experimental and theoretical considerations on evacuation of vacuum package for field emission display. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1998, 16, 1236.	1.6	13

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73	Growth and luminescent characteristics of ZnGa <sub>2</sub> O <sub>4</sub> thin film phosphor prepared by radio frequency magnetron sputtering. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 1239.	1.6	13
74	Improvement of electrical properties of printed ITO thin films by heat-treatment conditions. Current Applied Physics, 2011, 11, S202-S205.	1.1	13
75	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
76	Electroless plating of copper nanoparticles on PET fiber for non-enzymatic electrochemical detection of H <sub>2</sub> O <sub>2</sub> . RSC Advances, 2015, 5, 76729-76732.	1.7	13
77	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
78	Admittance Spectroscopic Characteristics and Equivalent Circuit Modeling of Small Molecule-Based Organic Light Emitting Diodes. Japanese Journal of Applied Physics, 2003, 42, 2715-2718.	0.8	12
79	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
80	Preparation of hierarchical flower-like nickel sulfide as hole transporting material for organic solar cells via a one-step solvothermal method. Solar Energy, 2019, 188, 403-413.	2.9	12
81	Development of a Highly Flexible and Durable Fiber-Shaped Temperature Sensor Based on Graphene/Ni Double-Decked Layer for Wearable Devices. IEEE Sensors Journal, 2020, 20, 5146-5154.	2.4	12
82	Construction of NiCo-OH/Ni <sub>3</sub> S <sub>2</sub> core-shell heterostructure wrapped in rGO nanosheets as efficient supercapacitor electrode enabling high stability up to 20,000 cycles. Journal of Electroanalytical Chemistry, 2021, 889, 115226.	1.9	12
83	Flexible metal-insulator-metal (MIM) devices for plastic film AM-LCD. Current Applied Physics, 2002, 2, 245-248.	1.1	11
84	Efficient red electrophosphorescent top-emitting organic light-emitting devices. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 121, 232-237.	1.7	11
85	Structure and electrochemical detection of xenobiotic micro-pollutant hydroquinone using CeO <sub>2</sub> nanocrystals. RSC Advances, 2015, 5, 70558-70565.	1.7	11
86	Layered Na <sub>2</sub> /3Ni <sub>1</sub> /3Mn <sub>2</sub> /3O <sub>2</sub> 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
87	Improvement of luminance efficiency in xenon dielectric barrier discharge flat lamp. IEEE Transactions on Plasma Science, 2003, 31, 176-179.	0.6	10
88	Organic thin-film devices on paper substrates. Journal of the Society for Information Display, 2005, 13, 829.	0.8	10
89	Transparent organic light-emitting devices with CsCl capping layers on semitransparent Ca/Ag cathodes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 172, 76-79.	1.7	10
90	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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91	Fabrication of thermally evaporated Al thin film on cylindrical PET monofilament for wearable computing devices. <i>Electronic Materials Letters</i> , 2016, 12, 186-196.	1.0	10
92	Resistive behavior of Ni thin film on a cylindrical PET monofilament with temperature for wearable computing devices. <i>Sensors and Actuators A: Physical</i> , 2017, 259, 96-104.	2.0	10
93	Flower-like Mo doped Ni(OH) <sub>2</sub> @Co <sub>3</sub> S <sub>4</sub> -Ni <sub>3</sub> S <sub>2</sub> heterostructure for asymmetric supercapacitors. <i>Surfaces and Interfaces</i> , 2022, 30, 101896.	1.5	10
94	Ni Electroless Plating Process for Solder Bump Chip on Glass Technology. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 2091-2095.	0.8	9
95	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
96	Effects of oxide electron transport layer on quantum dots light emitting diode with an organic/inorganic hybrid structure. <i>Electronic Materials Letters</i> , 2013, 9, 779-782.	1.0	9
97	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. <i>Computational Materials Science</i> , 2017, 132, 92-103.	1.4	9
98	Study of interface chemistry between the carrier-transporting layers and their influences on the stability and performance of organic solar cells. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1325-1341.	1.6	9
99	Photocatalytic degradation of acid orange 7 using Cr-doped CeO <sub>2</sub> nanorods. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 1441-1448.	1.1	8
100	Synthesis, characterization and lithium-ion migration dynamics simulation of LiFe <sub>1-x</sub> T <sub>x</sub> PO <sub>4</sub> (T <sub>1</sub> =Mn, T <sub>2</sub> =Co) and Processing, 2016, 122, 1.	1.1	8
101	Fabrication of Ni(OH) <sub>2</sub> @Fe <sub>2</sub> O <sub>3</sub> nanostructures for high-performance asymmetric supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 293-302.	1.2	8
102	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
103	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
104	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
105	Organic thin-film transistors using suspended source/drain electrode structure. <i>Applied Physics Letters</i> , 2007, 91, 042113.	1.5	7
106	Studies on the graded band-gap copper indium di-selenide thin film solar cells prepared by electrochemical route. <i>Applied Surface Science</i> , 2019, 466, 358-366.	3.1	7
107	Induced symmetric 2D Mesoporous Graphitic Carbon Spinel Cobalt Ferrite (CoFe <sub>2</sub> O <sub>4</sub> /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
108	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

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109	Simulation of the degradation behavior of the hydrogen absorption kinetics of LaNi <sub>5</sub> under the cyclic operations in H <sub>2</sub> -CO and H <sub>2</sub> -O <sub>2</sub> . <i>Journal of the Less Common Metals</i> , 1990, 157, 187-199.	0.9	6
110	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
111	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
112	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
113	Thermal Behavior of SnO <sub>2</sub> -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
114	Low-temperature catalyst adding for tin-oxide nanostructure gas sensors. <i>IEEE Sensors Journal</i> , 2005, 5, 12-19.	2.4	6
115	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
116	Effect of synthetic conditions on particle size and photo-luminescence properties of Y <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> nanophosphor. <i>Journal of Electroceramics</i> , 2007, 18, 67-71.	0.8	5
117	Sr/Ag semitransparent cathodes for top emission organic light-emitting devices. <i>Thin Solid Films</i> , 2009, 517, 2035-2038.	0.8	5
118	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
119	High-Performance 2,8-Difluoro-5,11-bis(triethylsilylethynyl) Anthradithiophene Thin-Film Transistors Facilitated by Predeposited Ink-Jet Blending. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 031601.	0.8	5
120	Solution-processed indium-tin-oxide nanoparticle transparent conductors on flexible glass substrate with high optical transmittance and high thermal stability. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 08NF04.	0.8	5
121	Electrical Properties of Conductive Cotton Yarn Coated with Eosin Y Functionalized Reduced Graphene Oxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6061-6067.	0.9	5
122	Polypyrrole nanostructures/activated carbon based electrode for energy storage applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 7890-7900.	1.1	5
123	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
124	Physical and Electrical Properties of SiO <sub>2</sub> Layer Synthesized by Eco-Friendly Method. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 05EA02.	0.8	4
125	IR Sensor Synchronizing Active Shutter Glasses for 3D HDTV with Flexible Liquid Crystal Lenses. <i>Sensors</i> , 2013, 13, 16583-16590.	2.1	4
126	Sucrose-templated interconnected meso/macro-porous 2D symmetric graphitic carbon networks as supports for $\text{Fe}_2\text{O}_3$ towards improved supercapacitive behavior. <i>RSC Advances</i> , 2020, 10, 15751-15762.	1.7	4



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127	Potentiometric Performance of a Highly Flexible-Shaped Trifunctional Sensor Based on ZnO/V2O5 Microrods. <i>Sensors</i> , 2021, 21, 2559.	2.1	4
128	One-pot synthesis of ultrahigh performance nanorod structured Co <sub>3</sub> O <sub>4</sub> @Fe <sub>2</sub> O <sub>3</sub> 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
129	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
130	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
131	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
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