

Chuan Liu

List of Publications by Year in descending order

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128
papers

4,783
citations

117625

34
h-index

102487

66
g-index

132
all docs

132
docs citations

132
times ranked

6155
citing authors

#	ARTICLE	IF	CITATIONS
1	Contact engineering in organic field-effect transistors. <i>Materials Today</i> , 2015, 18, 79-96.	14.2	407
2	Solution-Processable Organic Single Crystals with Bandlike Transport in Field-Effect Transistors. <i>Advanced Materials</i> , 2011, 23, 523-526.	21.0	348
3	An intrinsically stretchable humidity sensor based on anti-drying, self-healing and transparent organohydrogels. <i>Materials Horizons</i> , 2019, 6, 595-603.	12.2	297
4	Ultrastretchable and Stable Strain Sensors Based on Antifreezing and Self-Healing Ionic Organohydrogels for Human Motion Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9405-9414.	8.0	285
5	Light-Stimulated Synaptic Transistors Fabricated by a Facile Solution Process Based on Inorganic Perovskite Quantum Dots and Organic Semiconductors. <i>Small</i> , 2019, 15, e1900010.	10.0	184
6	Device Physics of Contact Issues for the Overestimation and Underestimation of Carrier Mobility in Field-Effect Transistors. <i>Physical Review Applied</i> , 2017, 8, .	3.8	183
7	Extremely Deformable, Transparent, and High-Performance Gas Sensor Based on Ionic Conductive Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2364-2373.	8.0	180
8	Dual Conductive Network Hydrogel for a Highly Conductive, Self-Healing, Anti-Freezing, and Non-Drying Strain Sensor. <i>ACS Applied Polymer Materials</i> , 2020, 2, 996-1005.	4.4	170
9	Highly Stretchable and Transparent Thermistor Based on Self-Healing Double Network Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19097-19105.	8.0	168
10	A unified understanding of charge transport in organic semiconductors: the importance of attenuated delocalization for the carriers. <i>Materials Horizons</i> , 2017, 4, 608-618.	12.2	146
11	Control of Ambipolar and Unipolar Transport in Organic Transistors by Selective Inkjet-Printed Chemical Doping for High Performance Complementary Circuits. <i>Advanced Functional Materials</i> , 2014, 24, 6252-6261.	14.9	116
12	3D superhydrophobic reduced graphene oxide for activated NO ₂ sensing with enhanced immunity to humidity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 478-488.	10.3	116
13	Multifunctional Highly Sensitive Multiscale Stretchable Strain Sensor Based on a Graphene/Glycerol-KCl Synergistic Conductive Network. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31716-31724.	8.0	97
14	Recent Advances in Biointegrated Optoelectronic Devices. <i>Advanced Materials</i> , 2018, 30, e1800156.	21.0	76
15	Vacancy engineering in nanostructured semiconductors for enhancing photocatalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17143-17172.	10.3	66
16	Multiscale nanowire-microfluidic hybrid strain sensors with high sensitivity and stretchability. <i>Npj Flexible Electronics</i> , 2018, 2, .	10.7	64
17	Multifunctional and High-Sensitive Sensor Capable of Detecting Humidity, Temperature, and Flow Stimuli Using an Integrated Microheater. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43383-43392.	8.0	64
18	High-Performance Pressure Sensors Based on 3D Microstructure Fabricated by a Facile Transfer Technology. <i>Advanced Materials Technologies</i> , 2019, 4, 1800640.	5.8	63

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19	Microchannel Wetting for Controllable Patterning and Alignment of Silver Nanowire with High Resolution. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21433-21441.	8.0	60
20	Spontaneous Patterning of High-Resolution Electronics via Parallel Vacuum Ultraviolet. <i>Advanced Materials</i> , 2016, 28, 6568-6573.	21.0	60
21	Oxide Semiconductor Phototransistor with Organolead Trihalide Perovskite Light Absorber. <i>Advanced Electronic Materials</i> , 2017, 3, 1600325.	5.1	58
22	Three-Dimensional-Structured Boron- and Nitrogen-Doped Graphene Hydrogel Enabling High-Sensitivity NO ₂ Detection at Room Temperature. <i>ACS Sensors</i> , 2019, 4, 1889-1898.	7.8	58
23	Direct formation of organic semiconducting single crystals by solvent vapor annealing on a polymer base film. <i>Journal of Materials Chemistry</i> , 2012, 22, 8462.	6.7	55
24	Enhanced UV-C Detection of Perovskite Photodetector Arrays via Inorganic CsPbBr ₃ Quantum Dot Down-Conversion Layer. <i>Advanced Optical Materials</i> , 2019, 7, 1801812.	7.3	55
25	Effect of Doping Concentration on Microstructure of Conjugated Polymers and Characteristics in n-Type Polymer Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2015, 25, 758-767.	14.9	54
26	Electrically robust silver nanowire patterns transferrable onto various substrates. <i>Nanoscale</i> , 2016, 8, 5507-5515.	5.6	51
27	Enhanced Detectivity and Suppressed Dark Current of Perovskite-InGaZnO Phototransistor via a PCBM Interlayer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 44144-44151.	8.0	50
28	Understanding, Optimizing, and Utilizing Nonideal Transistors Based on Organic or Organic Hybrid Semiconductors. <i>Advanced Functional Materials</i> , 2020, 30, 1903889.	14.9	49
29	Carrier mobility in organic field-effect transistors. <i>Journal of Applied Physics</i> , 2011, 110, 104513.	2.5	43
30	Direct and quantitative understanding of the non-Ohmic contact resistance in organic and oxide thin-film transistors. <i>Organic Electronics</i> , 2015, 27, 253-258.	2.6	43
31	Integrating Poly-Silicon and InGaZnO Thin-Film Transistors for CMOS Inverters. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 3668-3671.	3.0	43
32	Kinetically Controlled Crystallization in Conjugated Polymer Films for High-Performance Organic Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2019, 29, 1807786.	14.9	42
33	Degradation Mechanism of Perovskite Light-Emitting Diodes: An In Situ Investigation via Electroabsorption Spectroscopy and Device Modelling. <i>Advanced Functional Materials</i> , 2020, 30, 1910464.	14.9	41
34	Analysis of Ultrahigh Apparent Mobility in Oxide Field-Effect Transistors. <i>Advanced Science</i> , 2019, 6, 1801189.	11.2	40
35	Sub-5 nm single crystalline organic p-n heterojunctions. <i>Nature Communications</i> , 2021, 12, 2774.	12.8	39
36	Homogeneous dewetting on large-scale microdroplet arrays for solution-processed electronics. <i>NPG Asia Materials</i> , 2017, 9, e409-e409.	7.9	31

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37	Diketopyrrolopyrrole assembly into π -aggregates. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 689-699.	1.9	26
38	Enhanced UV-visible detection of InGaZnO phototransistors via CsPbBr ₃ quantum dots. <i>Semiconductor Science and Technology</i> , 2019, 34, 125013.	2.0	25
39	A Molecular Strategy to Lock in the Conformation of a Perylene Bisimide-Derived Supramolecular Polymer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7487-7493.	13.8	25
40	Fabrication of Two-Dimensional Crystalline Organic Films by Tilted Spin Coating for High-Performance Organic Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7226-7234.	8.0	24
41	Universal diffusion-limited injection and the hook effect in organic thin-film transistors. <i>Scientific Reports</i> , 2016, 6, 29811.	3.3	23
42	Tuning Structure-Function Properties of π -Conjugated Superstructures by Redox-Assisted Self-Assembly. <i>Chemistry of Materials</i> , 2018, 30, 2143-2150.	6.7	23
43	Evidence for Pseudocapacitance and Faradaic Charge Transfer in High-Mobility Thin-Film Transistors with Solution-Processed Oxide Dielectrics. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2765-2771.	4.6	23
44	Solution-based SnGaO thin-film transistors for Zn- and In-free oxide electronic devices. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	22
45	A General Approach to Probe Dynamic Operation and Carrier Mobility in Field-Effect Transistors with Nonuniform Accumulation. <i>Advanced Functional Materials</i> , 2019, 29, 1901700.	14.9	22
46	Blue Molecular Emitter-Free and Doping-Free White Organic Light-Emitting Diodes With High Color Rendering. <i>IEEE Electron Device Letters</i> , 2021, 42, 387-390.	3.9	22
47	Tape-Based Photodetector: Transfer Process and Persistent Photoconductivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16596-16604.	8.0	21
48	Precise Patterning of Large-Scale TFT Arrays Based on Solution-Processed Oxide Semiconductors: A Comparative Study of Additive and Subtractive Approaches. <i>Advanced Materials Interfaces</i> , 2018, 5, 1700981.	3.7	21
49	Spin-Coating Patterning of Sn-Pb Perovskite Photodiodes on IGZO Transistor Arrays for Fast Active-Matrix Near-Infrared Imaging. <i>Advanced Materials Technologies</i> , 2020, 5, 1900752.	5.8	21
50	Kilo-Voltage Thin-Film Transistors for Driving Nanowire Field Emitters. <i>IEEE Electron Device Letters</i> , 2020, 41, 405-408.	3.9	21
51	Sensitive, Stretchable, and Breathable Pressure Sensors Based on Medical Gauze Integrated with Silver Nanowires and Elastomers. <i>ACS Applied Nano Materials</i> , 2021, 4, 8273-8281.	5.0	21
52	High-Performance Deep Red Colloidal Quantum Well Light-Emitting Diodes Enabled by the Understanding of Charge Dynamics. <i>ACS Nano</i> , 2022, 16, 10840-10851.	14.6	21
53	Evaluating injection and transport properties of organic field-effect transistors by the convergence point in transfer-length method. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	20
54	Subgap State Engineering Using Nitrogen Incorporation to Improve Reliability of Amorphous InGaZnO Thin-Film Transistors in Various Stressing Conditions. <i>IEEE Transactions on Electron Devices</i> , 2016, 63, 4309-4314.	3.0	18

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55	Gradient Descent on Multilevel Spin-Orbit Synapses with Tunable Variations. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000182.	6.1	18
56	Nanostructured High-Performance Thin-Film Transistors and Phototransistors Fabricated by a High-Yield and Versatile Near-Field Nanolithography Strategy. <i>ACS Nano</i> , 2019, 13, 6618-6630.	14.6	15
57	From Unipolar, WORM-Type to Ambipolar, Bistable Organic Electret Memory Device by Controlling Minority Lateral Transport. <i>Advanced Electronic Materials</i> , 2020, 6, 1901320.	5.1	15
58	On the Origin of Improved Charge Transport in Double-Gate InGaZnO Thin-Film Transistors: A Low-Frequency Noise Perspective. <i>IEEE Electron Device Letters</i> , 2015, 36, 1040-1043.	3.9	14
59	Coating, patterning, and transferring processes of silver nanowire for flexible display and sensing applications. <i>Journal of the Society for Information Display</i> , 2016, 24, 234-240.	2.1	14
60	Thin-Film Transistors With the Fringe Effect and the Correction Factor for Mobility Extraction. <i>IEEE Electron Device Letters</i> , 2019, 40, 897-900.	3.9	14
61	Reduced graphene oxide-induced crystallization of CuPc interfacial layer for high performance of perovskite photodetectors. <i>RSC Advances</i> , 2019, 9, 3800-3808.	3.6	14
62	Contact Thickness Effects in Bottom-Contact Coplanar Organic Field-Effect Transistors. <i>IEEE Electron Device Letters</i> , 2013, 34, 535-537.	3.9	13
63	Ultra-high-resolution printing of flexible organic thin-film transistors. <i>Journal of Information Display</i> , 2017, 18, 93-99.	4.0	13
64	Narrow Bandgap PbSn Perovskites/InGaZnO Hybrid Phototransistors for Near-Infrared Detection. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900417.	1.8	13
65	Constructing Electrophoretic Displays on Foldable Paper-Based Electrodes by a Facile Transferring Method. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1335-1342.	4.3	13
66	Visible-light-stimulated synaptic InGaZnO phototransistors enabled by wavelength-tunable perovskite quantum dots. <i>Nanoscale Advances</i> , 2021, 3, 5046-5052.	4.6	13
67	C-Doped KNbO ₃ single crystals for enhanced piezocatalytic intermediate water splitting. <i>Environmental Science: Nano</i> , 2022, 9, 1952-1960.	4.3	13
68	Robust route to photocatalytic nitrogen fixation mediated by capitalizing on defect-tailored InVO ₄ nanosheets. <i>Environmental Science: Nano</i> , 2022, 9, 1996-2005.	4.3	13
69	Reconfiguration of π -conjugated superstructures enabled by redox-assisted assembly. <i>Chemical Communications</i> , 2019, 55, 5603-5606.	4.1	12
70	A high endurance, temperature-resilient, and robust organic electrochemical transistor for neuromorphic circuits. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11801-11808.	5.5	12
71	How Materials and Device Factors Determine the Performance: A Unified Solution for Transistors with Nontrivial Gates and Transistor-Diode Hybrid Integration. <i>Advanced Science</i> , 2022, 9, e2104896.	11.2	12
72	Deciphering the potentiometric properties of (porphinato)zinc-derived supramolecular polymers and related superstructures. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11980-11991.	5.5	11

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73	Molecular Strategies to Modulate the Electrochemical Properties of P-Type Si(111) Surfaces Covalently Functionalized with Ferrocene and Naphthalene Diimide. <i>Journal of Physical Chemistry B</i> , 2019, 123, 11026-11041.	2.6	11
74	Pixelated Perovskite Photodiode on IGZO Thin Film Transistor Backplane for Low Dose Indirect X-Ray Detection. <i>IEEE Journal of the Electron Devices Society</i> , 2021, 9, 96-101.	2.1	11
75	Wafer-scale single crystals: crystal growth mechanisms, fabrication methods, and functional applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7829-7851.	5.5	11
76	Synthesis of multi-imidazolium salt ligands containing calixarene fragments and their N-heterocyclic carbene Ag(I) macrocyclic complexes. <i>Polyhedron</i> , 2015, 85, 732-739.	2.2	10
77	Effects of deposition methods and processing techniques on band gap, interband electronic transitions, and optical absorption in perovskite CH ₃ NH ₃ PbI ₃ films. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	10
78	Inhibited-nanophase-separation modulated polymerization for recoverable ultrahigh-strain biobased shape memory polymers. <i>Materials Horizons</i> , 2020, 7, 2760-2767.	12.2	10
79	Generating one-dimensional micro- or nano-structures with in-plane alignment by vapor-driven wetting kinetics. <i>Materials Horizons</i> , 2017, 4, 259-267.	12.2	9
80	Organic thin-film transistors with over 10 ⁴ cm ² /Vs mobility through low-temperature solution coating. <i>Journal of Information Display</i> , 2018, 19, 71-80.	4.0	9
81	In situ integration of Te/Si 2D/3D heterojunction photodetectors toward UV-vis-IR ultra-broadband photoelectric technologies. <i>Nanoscale</i> , 2022, 14, 6228-6238.	5.6	9
82	Doping Effects of Various Carrier Suppressing Elements on Solution-Processed SnO _x -Based Thin-Film Transistors. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 3371-3375.	3.0	8
83	Oxygen incorporated solution-processed high- ϵ_r La ₂ O ₃ dielectrics with large-area uniformity, low leakage and high breakdown field comparable with ALD deposited films. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5163-5173.	5.5	8
84	Layer-by-Layer Printing Strategy for High-Performance Flexible Electronic Devices with Low-Temperature Catalyzed Solution-Processed SiO ₂ . <i>Small Methods</i> , 2021, 5, 2100263.	8.6	8
85	Rapid Laser Annealing of Silver Electrodes for Printing Organic Thin-Film Transistors on Plastic Substrates. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 2729-2734.	3.0	7
86	Tunable self-organization in n-type liquid crystalline dibenzocoronene tetracarboxydiimides for high photoconductivity. <i>Liquid Crystals</i> , 2020, 47, 291-300.	2.2	7
87	Ultrahigh Sensitivity of Flexible Thermistors Based on 3D Porous Graphene Characterized by Imbedded Microheaters. <i>Advanced Electronic Materials</i> , 2020, 6, 2000451.	5.1	7
88	Probing Coulomb Interactions on Charge Transport in Few-Layer Organic Crystalline Semiconductors by the Gated van der Pauw Method. <i>Advanced Electronic Materials</i> , 2020, 6, 2000136.	5.1	7
89	TiO ₂ nanowire-templated hierarchical nanowire network as water-repelling coating. <i>Royal Society Open Science</i> , 2017, 4, 171431.	2.4	6
90	Guided Formation of Large Crystals of Organic and Perovskite Semiconductors by an Ultrasonicated Dispenser and Their Application as the Active Matrix of Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39921-39932.	8.0	6

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91	Hydrogen Doping Oxide Transistors: Analysis of Ultrahigh Apparent Mobility in Oxide Field-Effect Transistors (Adv. Sci. 7/2019). Advanced Science, 2019, 6, 1970040.	11.2	6
92	Novel Portable Sensing System with Integrated Multifunctionality for Accurate Detection of Salivary Uric Acid. Biosensors, 2021, 11, 242.	4.7	6
93	High-Resolution Electronics: Spontaneous Patterning of High-Resolution Electronics via Parallel Vacuum Ultraviolet (Adv. Mater. 31/2016). Advanced Materials, 2016, 28, 6768-6768.	21.0	5
94	A Molecular Strategy to Lock in the Conformation of a Perylene Bisimide-Derived Supramolecular Polymer. Angewandte Chemie, 2020, 132, 7557-7563.	2.0	5
95	Study of Microwave-Induced Ag Nanowire Welding for Soft Electrode Conductivity Enhancement. Micromachines, 2021, 12, 618.	2.9	5
96	Butadiyne-Bridged (Porphinato)Zinc(II) Chromophores Assemble into Free-Standing Nanosheets. Organometallics, 2020, 39, 2984-2990.	2.3	4
97	Photovoltage-Coupled Dual-Gate InGaZnO Thin-Film Transistors Operated at the Subthreshold Region for Low-Power Photodetection. ACS Applied Electronic Materials, 2020, 2, 1745-1751.	4.3	4
98	Vertical Transistors with Conductive-Network Electrodes: A Physical Image and What It Tells. Physical Review Applied, 2020, 13, .	3.8	4
99	Revealing Charge Transport and Device Operations of Organic Ambipolar Transistors and Inverters by Four-Probe Measurement. Advanced Electronic Materials, 2021, 7, 2001134.	5.1	4
100	A dynamic and quantitative biosensing assessment for electroporated membrane evolution of cardiomyocytes. Biosensors and Bioelectronics, 2022, 202, 114016.	10.1	4
101	Highly Sensitive Wearable Strain Sensors Using Copper Nanowires and Elastomers. Transactions of the Japan Institute of Electronics Packaging, 2018, 11, E18-012-1-E18-012-6.	0.4	3
102	Orders-of-magnitude enhancement in conductivity tuning in InGaZnO thin-film transistors via SiN _x passivation and dual-gate modulation. Journal of Information Display, 2019, 20, 161-167.	4.0	3
103	Generalized Gated Four-Probe Method for Intrinsic Mobility Extraction With Van Der Pauw Structure. IEEE Electron Device Letters, 2020, 41, 244-247.	3.9	3
104	Organic crystalline monolayers for ideal behaviours in organic field-effect transistors. Journal of Materials Chemistry C, 2021, 9, 12057-12062.	5.5	3
105	On the Current Saturation of Vertical Transistors With Conductive Network Electrodes. IEEE Transactions on Electron Devices, 2022, 69, 248-253.	3.0	3
106	P-19: Dual Active Layer Structure of Nitrogen Doped Amorphous InSnZnO Thin-Film Transistors for Negative Gate Bias Stability Improvement. Digest of Technical Papers SID International Symposium, 2016, 47, 1186-1188.	0.3	2
107	Nonideal Transistors: Understanding, Optimizing, and Utilizing Nonideal Transistors Based on Organic or Organic Hybrid Semiconductors (Adv. Funct. Mater. 20/2020). Advanced Functional Materials, 2020, 30, 2070129.	14.9	2
108	Surface Modifications of an Organic Polymer-Based Microwire Platform for Sustained Release of an Anti-Inflammatory Drug. ACS Applied Bio Materials, 2020, 3, 4613-4625.	4.6	2

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109	Widely Adjusting the Breakdown Voltages of Kilo-Voltage Thin Film Transistors. IEEE Electron Device Letters, 2022, 43, 240-243.	3.9	2
110	Drain Current Drop in Oxide Semiconductor Thin-Film Transistors: The Mechanisms and a Solution. IEEE Transactions on Electron Devices, 2022, 69, 2430-2435.	3.0	2
111	P.3: A full‑swing inverter based on IGZO TFTs for flexible circuits. Digest of Technical Papers SID International Symposium, 2018, 49, 709-712.	0.3	1
112	A Full-swing Inverter Based on IGZO TFTs for Flexible Circuits. , 2018, , .		1
113	Optimization of PMMA:PCBM Interlayer for MAPbl₃/IGZO Phototransistor. , 2020, , .		1
114	Synthesis and Fungicidal Activity of Methyl 2-Methoxyimino-2-polysubstituted-phenylacetates. Chinese Journal of Organic Chemistry, 2014, 34, 774.	1.3	1
115	Back-Channel-Etched IGZO TFTs With Cu-Based Multilayer Electrodes Using MoAl Alloy and MoMn Alloy as Buffer Layers. IEEE Transactions on Electron Devices, 2021, 68, 6202-6207.	3.0	1
116	A New Strategy to Fabricate Nanoporous Gold and Its Application in Photodetector. Nanomaterials, 2022, 12, 1580.	4.1	1
117	Ion transport to temperature and gate in organic electrochemical transistors with anti-freezing hydrogel. Organic Electronics, 2022, 108, 106605.	2.6	1
118	25-2:Distinguished Paper: Coating, Patterning, and Transferring Processes of Silver Nanowire for Flexible Display and Sensing Applications. Digest of Technical Papers SID International Symposium, 2016, 47, 311-314.	0.3	0
119	Stability enhancement of silver nanowire patterns by transferring process. , 2016, , .		0
120	Enhancing Performance in Thin Tilm Transistors with Vacuum or Solution Processed Amorphous Oxide Semiconductors Towards Display Applications. , 2018, , .		0
121	Solution-processed gallium-tin-oxide as a new choice for indium-free active layers in TFTs. , 2018, , .		0
122	P.8: Solution‑process based gallium tin oxide TFTs. Digest of Technical Papers SID International Symposium, 2019, 50, 660-660.	0.3	0
123	Oxide semiconductor thin-film transistors with nano-splitting and field-surrounding channels fabricated by subwavelength photolithography. JPhys Materials, 2020, 3, 015010.	4.2	0
124	31: Invited Paper: Nanostructures Oxide Thin‑Film Transistors Fabricated by Near‑Field Nanolithography with Enhanced Device Performance. Digest of Technical Papers SID International Symposium, 2020, 51, 448-451.	0.3	0
125	P.10: Mobility identification in oxide field‑effect transistor. Digest of Technical Papers SID International Symposium, 2021, 52, 439-439.	0.3	0
126	Layer‑by‑Layer Printing Strategy for High‑Performance Flexible Electronic Devices with Low‑Temperature Catalyzed Solution‑Processed SiO₂ (Small Methods 8/2021). Small Methods, 2021, 5, 2170038.	8.6	0

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127	Pâ1.6: Characteristics of High Voltage Corbino aâGZO Thinâfilm Transistor. Digest of Technical Papers SID International Symposium, 2021, 52, 695-695.	0.3	0
128	Pâ1.8: A 3âProbe Approach to Study Dynamic Operation in High Voltage Thin Film Transistors. Digest of Technical Papers SID International Symposium, 2021, 52, 699-699.	0.3	0