

Ruiqiang Tao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4357163/publications.pdf>

Version: 2024-02-01

18
papers

180
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct patterning of silver electrodes with 2.4 μ m channel length by piezoelectric inkjet printing. Journal of Colloid and Interface Science, 2017, 487, 68-72.	9.4	30
2	Direct Inkjet Printing of Silver Source/Drain Electrodes on an Amorphous InGaZnO Layer for Thin-Film Transistors. Materials, 2017, 10, 51.	2.9	26
3	Effects of praseodymium doping on the electrical properties and aging effect of InZnO thin-film transistor. Journal of Materials Science, 2019, 54, 14778-14786.	3.7	22
4	Effect of Post Treatment For Cu-Cr Source/Drain Electrodes on a-IGZO TFTs. Materials, 2016, 9, 623.	2.9	20
5	Homogeneous Surface Profiles of Inkjet-Printed Silver Nanoparticle Films by Regulating Their Drying Microenvironment. Journal of Physical Chemistry C, 2017, 121, 8992-8998.	3.1	14
6	Critical Impact of Solvent Evaporation on the Resolution of Inkjet Printed Nanoparticles Film. ACS Applied Materials & Interfaces, 2018, 10, 22883-22888.	8.0	14
7	Enhancement of electrical properties of solution-processed oxide thin film transistors using ZrO ₂ gate dielectrics deposited by an oxygen-doped solution. Journal Physics D: Applied Physics, 2021, 54, 125101.	2.8	9
8	UV-Cured Inkjet-Printed Silver Gate Electrode with Low Electrical Resistivity. Nanoscale Research Letters, 2017, 12, 546.	5.7	8
9	Enhancement of ferroelectricity and homogeneity of orthorhombic phase in Hf _{0.5} Zr _{0.5} O ₂ thin films. Nanotechnology, 2021, 32, 335704.	2.6	6
10	Interface scattering dominated carrier transport in hysteresis-free amorphous InGaZnO thin film transistors with high-k HfAlO gate dielectrics by atom layer deposition. Semiconductor Science and Technology, 2022, 37, 025005.	2.0	5
11	Highly conductive AZO thin films obtained by rationally optimizing substrate temperature and oxygen partial pressure. Molecular Crystals and Liquid Crystals, 2017, 644, 190-196.	0.9	4
12	Evaporation induced hollow cracks and the adhesion of silver nanoparticle film. Journal of Materials Science, 2019, 54, 7987-7996.	3.7	4
13	Realization of tunable artificial synapse through ambipolar charge trapping in organic transistor with pentacene/poly(\pm -methylstyrene) architecture. Journal of Applied Physics, 2021, 129, .	2.5	4
14	Controllable Coercive Field of Ferroelectric HfO ₂ Films via UV-Ozone Surface Modification. IEEE Transactions on Electron Devices, 2022, 69, 3094-3099.	3.0	4
15	Tunable Linearity of Weight Update in Low Voltage Synaptic Transistors with Periodic High-k Laminates. Advanced Electronic Materials, 2022, 8, .	5.1	4
16	Electret/High-k Solution Dielectric for Low Voltage Synaptic Transistors With Near Linear and Ambipolar Weight Update. IEEE Electron Device Letters, 2022, 43, 1467-1470.	3.9	3
17	Zigzag Hollow Cracks of Silver Nanoparticle Film Regulated by Its Drying Micro-environment. Nanoscale Research Letters, 2018, 13, 354.	5.7	1
18	A Strategy toward Realizing Ultrashort Channels and Microstructures Array by Piezoelectric Inkjet Printing. Nanomaterials, 2019, 9, 1515.	4.1	1