

Win-Der Lee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Teflon/SiO ₂ Bilayer Passivation for Improving the Electrical Reliability of Oxide TFTs Fabricated Using a New Two-Photomask Self-Alignment Process. <i>Materials</i> , 2015, 8, 1704-1713.	2.9	19
2	Poly(4-vinylphenol) gate insulator with cross-linking using a rapid low-power microwave induction heating scheme for organic thin-film-transistors. <i>APL Materials</i> , 2016, 4, 036105.	5.1	14
3	A Self-Aligned a-IGZO Thin-Film Transistor Using a New Two-Photo-Mask Process with a Continuous Etching Scheme. <i>Materials</i> , 2014, 7, 5761-5768.	2.9	11
4	A novel electronic lock using optical Morse code based on the Internet of Things. , 2016, , .		10
5	Gate Leakage for 28 nm Stacked HfZrO ₂ Dielectric of p-Channel MOSFETs After Decoupled Plasma Nitridation Treatment With Annealing Temperatures. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3712-3715.	1.3	7
6	Gate Leakage Characteristics for 28 nm HfZrO ₂ pMOSFETs After DPN Process Treatment With Different Nitrogen Concentration. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3703-3705.	1.3	7
7	Applications of Taguchi method to PID control for path tracking of a wheeled mobile robot. , 2018, , .		6
8	The Influence of Blood Glucose Meter Resistance Variation on the Performance of a Biosensor with a Gold-Coated Circuit Board. <i>Journal of Sensors</i> , 2019, 2019, 1-8.	1.1	6
9	Modification of Early Effect for 28-nm nMOSFETs Deposited With HfZrO ₂ Dielectric After DPN Process Accompanying Nitrogen Concentrations. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3747-3750.	1.3	5
10	A Novel Optical Morse Code-Based Electronic Lock Using the Ambient Light Sensor and Fuzzy Controller. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 140.	2.5	4
11	Effect of filling pressure in jetting dispenser on the performance of blood glucose test strips using immersion gold-plated printed circuit board. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 779-786.	1.8	4
12	Self-aligned amorphous indium-gallium-zinc-oxide thin-film transistor using a two-mask process without etching-stop layer. , 2014, , .		1
13	Investigation of Rapid Low-Power Microwave-Induction Heating Scheme on the Cross-Linking Process of the Poly(4-vinylphenol) for the Gate Insulator of Pentacene-Based Thin-Film Transistors. <i>Materials</i> , 2017, 10, 742.	2.9	1
14	The effect of adjusting the stroke value of jet dispenser on the performance of glucose biosensor with gold-plated electrode. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020, 234, 39-47.	1.8	1
15	Electrical quality of 28nm HK/MG MOSFETs with PDA and DPN treatment. , 2014, , .		0
16	The Influence of Needle Assembly Sliding of the Jetting Dispenser on the Characteristics of Blood Glucose Test Strip. , 2018, , .		0