

Flexible metal-oxide devices made by room-temperature sol-gel films

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Photobias Instability of High Performance Solution Processed Amorphous Zinc Tin Oxide Transistors. ACS Applied Materials & Interfaces, 2013, 5, 3255-3261.	4.0	61
4	Metal salt-derived InGaZnO semiconductors incorporating formamide as a novel co-solvent for producing solution-processed, electrohydrodynamic-jet printed, high performance oxide transistors. Journal of Materials Chemistry C, 2013, 1, 4236.	2.7	73
5	29.4: <i>Invited Paper</i>: Paper Electronics: A Challenge for the Future. Digest of Technical Papers SID International Symposium, 2013, 44, 365-367.	0.1	4
7	Bonding and Structure of Ceramic-Ceramic Interfaces. Physical Review Letters, 2013, 111, 066103.	2.9	16
8	Co ₃ O ₄ nanocrystals with predominantly exposed facets: synthesis, environmental and energy applications. Journal of Materials Chemistry A, 2013, 1, 14427.	5.2	147
9	Functionalized ZnO nanoparticles for thin-film transistors: support of ligand removal by non-thermal methods. Journal of Materials Chemistry C, 2013, 1, 3098.	2.7	24
10	High-performance low-voltage organic transistor memories with room-temperature solution-processed hybrid nanolayer dielectrics. Journal of Materials Chemistry C, 2013, 1, 3291.	2.7	29
11	Graphene electrodes transfer-printed with a surface energy-mediated wet PDMS stamp: impact of Au doped-graphene for high performance soluble oxide thin-film transistors. Journal of Materials Chemistry C, 2013, 1, 5632.	2.7	15
12	Tunable near-infrared and visible-light transmittance in nanocrystal-in-glass composites. Nature, 2013, 500, 323-326.	13.7	742
13	Room temperature photo-induced, Eu ³⁺ -doped IGZO transparent thin films fabricated using sol-gel method. Journal of Nanostructure in Chemistry, 2013, 3, 1.	5.3	5
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19	The Effect of Metal Composition on Bias Stability of Solution Processed Indium Oxide Based Thin Film Transistors. ECS Journal of Solid State Science and Technology, 2013, 2, Q200-Q204.	0.9	10
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23	In/Ga-Free, Inkjet-Printed Charge Transfer Doping for Solution-Processed ZnO. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9765-9769.	4.0	33
24	Flexible organic/inorganic heterojunction transistors with low operating voltage. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7073.	2.7	14
25	Impact of UV/O ₃ treatment on solution-processed amorphous InGaZnO ₄ thin-film transistors. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	68
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41	Oxygen Getter Effects on Microstructure and Carrier Transport in Low Temperature Combustion-Processed a-InXZnO (X = Ga, Sc, Y, La) Transistors. Journal of the American Chemical Society, 2013, 135, 10729-10741.	6.6	174
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