Transition Metal Oxides for Organic Electronics: Energe Applications

Advanced Materials

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Citation Report

#	Article	IF	Citations
1	Oxidation state of tungsten oxide thin films used as gate dielectric for zinc oxide based transistors. Materials Research Society Symposia Proceedings, 2012, 1494, 111-114.	0.1	0
2	Design rules of (Mg,Zn)O-based thin-film transistors with high-Î°â€‰WO3 dielectric gates. Applied Physics Letters, 2012, 101, .	1.5	6
3	All-Oxide Photovoltaics. Journal of Physical Chemistry Letters, 2012, 3, 3755-3764.	2.1	263
5	Overcoming the â€œLightâ€Soakingâ€•Issue in Inverted Organic Solar Cells by the Use of Al:ZnO Electron Extraction Layers. Advanced Energy Materials, 2013, 3, 1437-1444.	10.2	160
6	Lowâ€Temperature Solutionâ€Processed Hydrogen Molybdenum and Vanadium Bronzes for an Efficient Holeâ€Transport Layer in Organic Electronics. Advanced Materials, 2013, 25, 2051-2055.	11.1	269
7	Solution processed metal-oxides for organic electronic devices. Journal of Materials Chemistry C, 2013, 1, 4796.	2.7	128
8	N-Fused quinoxalines and benzoquinoxalines as attractive emitters for organic light emitting diodes. Journal of Materials Chemistry C, 2013, 1, 5718.	2.7	68
9	High color purity ZnSe/ZnS core/shell quantum dot based blue light emitting diodes with an inverted device structure. Applied Physics Letters, 2013, 103, .	1.5	86
10	High efficiency green phosphorescent organic light-emitting diodes with a low roll-off at high brightness. Organic Electronics, 2013, 14, 2854-2858.	1.4	41
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12	Understanding Scanning Tunneling Microscopy Contrast Mechanisms on Metal Oxides: A Case Study. ACS Nano, 2013, 7, 10233-10244.	7.3	53
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16	Development of Efficient and Stable Inverted Bulk Heterojunction (BHJ) Solar Cells Using Different Metal Oxide Interfaces. Materials, 2013, 6, 5796-5820.	1.3	60
17	Nitrogen-doped cuprous oxide as a p-type hole-transporting layer in thin-film solar cells. Journal of Materials Chemistry A, 2013, 1, 15416.	5.2	108
18	Dopant-Free Hydrogenated Amorphous Silicon Thin-Film Solar Cells Using Molybdenum Oxide and Lithium Fluoride. Journal of Physical Chemistry C, 2013, 117, 23459-23468.	1.5	16
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21	Band offsets, Schottky barrier heights, and their effects on electronic devices. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, .	0.9	171
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23	Lanthanides: new metallic cathode materials for organic photovoltaic cells. Physical Chemistry Chemical Physics, 2013, 15, 13052.	1.3	11
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28	Crosslinking Using Rapid Thermal Processing for the Fabrication of Efficient Solutionâ€Processed Phosphorescent Organic Lightâ€Emitting Diodes. Advanced Materials, 2013, 25, 1739-1744.	11.1	66
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