

Reid J Chesterfield

List of Publications by Year in descending order

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14
papers

1,705
citations

840585

11
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Thin Film Transistors Based on N-Alkyl Perylene Diimides: Charge Transport Kinetics as a Function of Gate Voltage and Temperature. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19281-19292.	1.2	406
2	High Electron Mobility and Ambipolar Transport in Organic Thin-Film Transistors Based on π -Stacking Quinoidal Terthiophene. <i>Advanced Materials</i> , 2003, 15, 1278-1282.	11.1	295
3	Gated four-probe measurements on pentacene thin-film transistors: Contact resistance as a function of gate voltage and temperature. <i>Journal of Applied Physics</i> , 2004, 96, 7312-7324.	1.1	288
4	A π -Stacking Terthiophene-Based Quinodimethane Is an n-Channel Conductor in a Thin Film Transistor. <i>Journal of the American Chemical Society</i> , 2002, 124, 4184-4185.	6.6	275
5	Variable temperature film and contact resistance measurements on operating n-channel organic thin film transistors. <i>Journal of Applied Physics</i> , 2004, 95, 6396-6405.	1.1	190
6	Transport properties of single-crystal tetracene field-effect transistors with silicon dioxide gate dielectric. <i>Applied Physics Letters</i> , 2004, 85, 422-424.	1.5	69
7	Hydrostatic-pressure dependence of the photoconductivity of single-crystal pentacene and tetracene. <i>Applied Physics Letters</i> , 2001, 79, 2731-2733.	1.5	54
8	High mobility top-gated pentacene thin-film transistors. <i>Journal of Applied Physics</i> , 2005, 98, 084506.	1.1	50
9	Hydrostatic-pressure dependence of organic thin-film transistor current versus voltage characteristics. <i>Applied Physics Letters</i> , 2004, 85, 5760-5762.	1.5	27
10	Structural and vibrational characterization of the organic semiconductor tetracene as a function of pressure and temperature. <i>Chemical Physics</i> , 2006, 325, 138-151.	0.9	20
11	Solution-Coating Technology for AMOLED Displays. <i>Information Display</i> , 2011, 27, 24-30.	0.1	18
12	63.3: Multinozzle Printing: A Cost-Effective Process for OLED Display Fabrication. <i>Digest of Technical Papers SID International Symposium</i> , 2009, 40, 951.	0.1	11
13	OLED technology scalable for television: Solution process delivers printed lifetime. , 2010, , .		1
14	P-78: Measurement Methods for Solution-Coated AMOLED Display Uniformity. <i>Digest of Technical Papers SID International Symposium</i> , 2011, 42, 1392-1394.	0.1	1