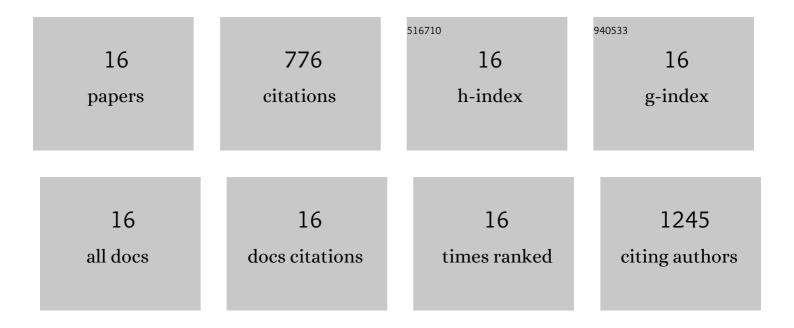
Kipyo Hong

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11730398/publications.pdf Version: 2024-02-01



KIDVO HONC

#	Article	IF	CITATIONS
1	High-Performance Triisopropylsilylethynyl Pentacene Transistors via Spin Coating with a Crystallization-Assisting Layer. ACS Applied Materials & Interfaces, 2012, 4, 117-122.	8.0	49
2	Photopatternable Poly(4-styrene sulfonic acid)-Wrapped MWNT Thin-Film Source/Drain Electrodes for Use in Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2011, 3, 74-79.	8.0	30
3	Ambipolar thin-film transistors and an inverter based on pentacene/self-assembled monolayer modified ZnO hybrid structures for balanced hole and electron mobilities. Organic Electronics, 2011, 12, 411-418.	2.6	28
4	Photopatternable, highly conductive and low work function polymer electrodes for high-performance n-type bottom contact organic transistors. Organic Electronics, 2011, 12, 516-519.	2.6	24
5	Improved n-type bottom-contact organic transistors by introducing a poly(3,4-ethylenedioxythiophene):poly(4-styrene sulfonate) coating on the source/drain electrodes. Applied Physics Letters, 2010, 97, 103304.	3.3	20
6	Hysteresis behaviour of low-voltage organic field-effect transistors employing high dielectric constant polymer gate dielectrics. Journal Physics D: Applied Physics, 2010, 43, 465102.	2.8	57
7	Direct Observation of Interfacial Morphology in Poly(3-hexylthiophene) Transistors: Relationship between Grain Boundary and Field-Effect Mobility. ACS Applied Materials & Interfaces, 2010, 2, 48-53.	8.0	37
8	Effect of the hydrophobicity and thickness of polymer gate dielectrics on the hysteresis behavior of pentacene-based field-effect transistors. Journal of Applied Physics, 2009, 105, .	2.5	69
9	Solution-processed organic field-effect transistors composed of poly(4-styrene sulfonate) wrapped multiwalled carbon nanotube source/drain electrodes. Organic Electronics, 2009, 10, 363-367.	2.6	22
10	Solution-processed flexible ZnO transparent thin-film transistors with a polymer gate dielectric fabricated by microwave heating. Nanotechnology, 2009, 20, 465201.	2.6	45
11	Photopatternable Source/Drain Electrodes using Multiwalled Carbon Nanotube/Polymer Nanocomposites for Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2009, 1, 2332-2337.	8.0	16
12	Reducing the contact resistance in organic thin-film transistors by introducing a PEDOT:PSS hole-injection layer. Organic Electronics, 2008, 9, 864-868.	2.6	79
13	Lower hole-injection barrier between pentacene and a 1-hexadecanethiol-modified gold substrate with a lowered work function. Organic Electronics, 2008, 9, 21-29.	2.6	44
14	Effect of water in ambient air on hysteresis in pentacene field-effect transistors containing gate dielectrics coated with polymers with different functional groups. Organic Electronics, 2008, 9, 673-677.	2.6	85
15	Origin of high mobility within an amorphous polymeric semiconductor: Space-charge-limited current and trap distribution. Applied Physics Letters, 2008, 93, .	3.3	47
16	Bending-stress-driven phase transitions in pentacene thin films for flexible organic field-effect transistors. Applied Physics Letters, 2008, 92, .	3.3	124