

Jun Wang

List of Publications by Year in descending order

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22
papers

765
citations

933447

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h-index

677142

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all docs

22
docs citations

22
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic-Inorganic Nanocomposites via Directly Grafting Conjugated Polymers onto Quantum Dots. <i>Journal of the American Chemical Society</i> , 2007, 129, 12828-12833.	13.7	216
2	Organic heterojunction and its application for double channel field-effect transistors. <i>Applied Physics Letters</i> , 2005, 87, 093507.	3.3	174
3	Organic thin-film transistors in sandwich configuration. <i>Applied Physics Letters</i> , 2004, 84, 142-144.	3.3	118
4	Air-stable ambipolar organic field-effect transistors based on phthalocyanine composites heterojunction. <i>Chemical Physics Letters</i> , 2005, 407, 87-90.	2.6	63
5	Organic thin-film transistors having inorganic/organic double gate insulators. <i>Applied Physics Letters</i> , 2004, 85, 5424-5426.	3.3	41
6	Preparation of highly oriented copper phthalocyanine film by molecular templating effects for organic field-effect transistor. <i>Organic Electronics</i> , 2009, 10, 1097-1101.	2.6	19
7	A label-free, organic transistor-based biosensor by introducing electric bias during DNA immobilization. <i>Organic Electronics</i> , 2012, 13, 2781-2785.	2.6	18
8	High-performance organic field-effect transistors based on copper/copper sulphide bilayer source-drain electrodes. <i>Applied Physics Letters</i> , 2010, 97, 243303.	3.3	17
9	Preparing highly ordered copper phthalocyanine thin-film by controlling the thickness of the modified layer and its application in organic transistors. <i>Solid-State Electronics</i> , 2013, 89, 101-104.	1.4	16
10	The immobilization and electrical response of single-stranded DNA molecules on pentacene transistors. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	11
11	The ultraviolet-ozone effects on organic thin-film transistors with double polymeric dielectric layers. <i>Synthetic Metals</i> , 2011, 161, 1635-1639.	3.9	10
12	The hybridization and optimization of complementary DNA molecules on organic field-effect transistors. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 250-254.	4.0	10
13	Inserting a Mn-doped TiO ₂ layer for improving performance of pentacene organic thin-film transistors. <i>Organic Electronics</i> , 2014, 15, 3349-3353.	2.6	9
14	Highly improved charge injection in pentacene-based organic transistors by chemically doping with copper iodide interlayer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700064.	1.8	9
15	Integrating organic light-emitting diode and field-effect-transistor in a single device. <i>Organic Electronics</i> , 2008, 9, 323-327.	2.6	7
16	The influences of substrate temperature on ambipolar organic heterojunction transistors. <i>Thin Solid Films</i> , 2010, 519, 439-442.	1.8	6
17	A label-free biosensor based on organic transistors by using the interaction of mercapto DNA and gold electrodes. <i>Materials Science in Semiconductor Processing</i> , 2015, 35, 127-131.	4.0	5
18	Self-assembly of poly(3-hexylthiophene) nanowire networks by a mixed-solvent approach for organic field-effect transistors. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 252-255.	2.4	4

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19	Improved charge injection of pentacene transistors by immobilizing DNA on gold source-drain electrodes. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 759-763.	2.3	4
20	Fabricating organic transistors based on domain-ordered copper phthalocyanine film grown on oligothiophene epitaxial substrate. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 558-561.	2.4	3
21	High sensitivity and air stability in an organic transistor-based biosensor by inserting a CuPc layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 2499-2502.	1.8	3
22	Improving organic field-effect transistors based on double active layers structure. <i>Current Applied Physics</i> , 2010, 10, 89-92.	2.4	2