

Heqing Ye

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

181
citations

1040056

9
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Printable Ultraflexible Fluorinated Organic-Inorganic Nanohybrid Sol-Gel Derived Gate Dielectrics for Highly Stable Organic Thin-Film Transistors and Other Practical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2009539.	14.9	27
2	Newly Synthesized Nonvacuum Processed High-k Polymeric Dielectrics with Carboxyl Functionality for Highly Stable Operating Printed Transistor Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2007304.	14.9	23
3	Highly stable flexible organic field-effect transistors with Parylene-C gate dielectrics on a flexible substrate. <i>Organic Electronics</i> , 2019, 75, 105391.	2.6	17
4	Slot-die coating of sol-gel-based organic-inorganic nanohybrid dielectric layers for flexible and large-area organic thin film transistors. <i>Applied Surface Science</i> , 2020, 529, 147198.	6.1	17
5	Enhanced solvent resistance and electrical performance of electrohydrodynamic jet printed PEDOT:PSS composite patterns: effects of hardeners on the performance of organic thin-film transistors. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25690-25699.	2.8	16
6	Direct Printing of Asymmetric Electrodes for Improving Charge Injection/Extraction in Organic Electronics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33999-34010.	8.0	13
7	The Hidden Potential of Polysilsesquioxane for High-k: Analysis of the Origin of its Dielectric Nature and Practical Low-Voltage-Operating Applications beyond the Unit Device. <i>Advanced Functional Materials</i> , 2022, 32, 2104030.	14.9	13
8	Electrohydrodynamic-Jet-Printed Phthalimide-Derived Conjugated Polymers for Organic Field-Effect Transistors and Logic Gates. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7073-7081.	8.0	12
9	Screen Printing of Silver and Carbon Nanotube Composite Inks for Flexible and Reliable Organic Integrated Devices. <i>ACS Applied Nano Materials</i> , 2022, 5, 4801-4811.	5.0	11
10	Direct Patterned Zinc-Tin-Oxide for Solution-Processed Thin-Film Transistors and Complementary Inverter through Electrohydrodynamic Jet Printing. <i>Nanomaterials</i> , 2020, 10, 1304.	4.1	7
11	Screen printing of silver nanoparticles on the source/drain electrodes of organic thin-film transistors. <i>Organic Electronics</i> , 2022, 106, 106524.	2.6	7
12	Parylene-based polymeric dielectric top-gate organic field-effect transistors exposed to a UV/ozone environment. <i>Organic Electronics</i> , 2020, 87, 105942.	2.6	6
13	Solution-Processed Flexible Gas Barrier Films for Organic Field-Effect Transistors. <i>Macromolecular Research</i> , 2020, 28, 782-788.	2.4	5
14	Electrohydrodynamic-Printed Polyvinyl Alcohol-Based Gate Insulators for Organic Integrated Devices. <i>Advanced Engineering Materials</i> , 2022, 24, 2100900.	3.5	4
15	Facile and reliable route to ensure chemical-environmental stability of pen-printed organic transistors with blended polymer Semiconductor-Insulator. <i>Materials Chemistry and Physics</i> , 2021, 263, 124346.	4.0	1
16	Mass-Synthesized Solution-Processable Polyimide Gate Dielectrics for Electrically Stable Operating OFETs and Integrated Circuits. <i>Polymers</i> , 2021, 13, 3715.	4.5	1