

Ulrike Kraft

List of Publications by Year in descending order

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26
papers

1,826
citations

471509

17
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

3250
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of the dielectric end groups on the positive bias stress stability of N2200 organic field effect transistors. <i>APL Materials</i> , 2021, 9, 041113.	5.1	13
2	Synthesis and characterization of a semiconducting and solution-processable ruthenium-based polymetallayne. <i>Polymer Chemistry</i> , 2020, 11, 472-479.	3.9	9
3	Ink Development and Printing of Conducting Polymers for Intrinsically Stretchable Interconnects and Circuits. <i>Advanced Electronic Materials</i> , 2020, 6, 1900681.	5.1	67
4	Controlling Single Molecule Conductance by a Locally Induced Chemical Reaction on Individual Thiophene Units. <i>Angewandte Chemie</i> , 2020, 132, 6266-6271.	2.0	2
5	Controlling Single Molecule Conductance by a Locally Induced Chemical Reaction on Individual Thiophene Units. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6207-6212.	13.8	9
6	Inkjet-printed stretchable and low voltage synaptic transistor array. <i>Nature Communications</i> , 2019, 10, 2676.	12.8	194
7	Low-Voltage, High-Frequency Organic Transistors and Unipolar and Complementary Ring Oscillators on Paper. <i>Advanced Electronic Materials</i> , 2019, 5, 1800453.	5.1	40
8	An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a nanostructured conducting network. <i>Nature Nanotechnology</i> , 2018, 13, 1057-1065.	31.5	736
9	Electric-Field-Driven Direct Desulfurization. <i>ACS Nano</i> , 2017, 11, 4703-4709.	14.6	43
10	Investigating Limiting Factors in Stretchable All-Carbon Transistors for Reliable Stretchable Electronics. <i>ACS Nano</i> , 2017, 11, 7925-7937.	14.6	52
11	Nonlinear Contact Effects in Staggered Thin-Film Transistors. <i>Physical Review Applied</i> , 2017, 8, .	3.8	29
12	Inkjet-printed, intrinsically stretchable conductors and interconnects. , 2017, , .		2
13	Submicron-channel-length organic thin-film transistors on flexible substrates. , 2016, , .		1
14	Detailed analysis and contact properties of low-voltage organic thin-film transistors based on dinaphtho[2,3-b:2â€²,3â€²-f]thieno[3,2-b]thiophene (DNTT) and its didecyl and diphenyl derivatives. <i>Organic Electronics</i> , 2016, 35, 33-40.	2.6	83
15	Remotely Controlled Isomer Selective Molecular Switching. <i>Nano Letters</i> , 2016, 16, 93-97.	9.1	42
16	Flexible low-voltage organic phototransistors based on air-stable dinaphtho[2,3-b:2â€²,3â€²-f]thieno[3,2-b]thiophene (DNTT). <i>Organic Electronics</i> , 2015, 20, 63-68.	2.6	54
17	Low-Voltage Organic Transistors Based on Tetraceno[2,3- <i>b<i>f</i></i>]thiophene: Contact Resistance and Air Stability. <i>Chemistry of Materials</i> , 2015, 27, 998-1004.	6.7	58
18	Bipolar Conductance Switching of Single Anthradithiophene Molecules. <i>ACS Nano</i> , 2015, 9, 12506-12512.	14.6	37

#	ARTICLE	IF	CITATIONS
19	Flexible Low-Voltage Organic Complementary Circuits: Finding the Optimum Combination of Semiconductors and Monolayer Gate Dielectrics. <i>Advanced Materials</i> , 2015, 27, 207-214.	21.0	106
20	Low-voltage organic field-effect transistors for flexible electronics. , 2014, , .		1
21	Air-stable, low-voltage organic transistors: High-mobility thienoacene derivatives for unipolar and complementary ring oscillators on flexible substrates. , 2014, , .		2
22	Low-voltage organic transistors for flexible electronics. , 2014, , .		1
23	High-mobility organic thin-film transistors based on a small-molecule semiconductor deposited in vacuum and by solution shearing. <i>Organic Electronics</i> , 2013, 14, 3213-3221.	2.6	94
24	Megahertz operation of flexible low-voltage organic thin-film transistors. <i>Organic Electronics</i> , 2013, 14, 1516-1520.	2.6	73
25	Contact properties of high-mobility, air-stable, low-voltage organic n-channel thin-film transistors based on a naphthalene tetracarboxylic diimide. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	36
26	Fluoroalkylphosphonic acid self-assembled monolayer gate dielectrics for threshold-voltage control in low-voltage organic thin-film transistors. <i>Journal of Materials Chemistry</i> , 2010, 20, 6416.	6.7	42