# Ulrike Kraft

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3403382/publications.pdf

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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 | An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a nanostructured conducting network. Nature Nanotechnology, 2018, 13, 1057-1065. | 31.5 | 736 |
| 2 | Inkjet-printed stretchable and low voltage synaptic transistor array. Nature Communications, 2019, 10, 2676. | 12.8 | 194 |
| 3 | Flexible Lowâ€Voltage Organic Complementary Circuits: Finding the Optimum Combination of Semiconductors and Monolayer Gate Dielectrics. Advanced Materials, 2015, 27, 207-214. | 21.0 | 106 |
| 4 | High-mobility organic thin-film transistors based on a small-molecule semiconductor deposited in vacuum and by solution shearing. Organic Electronics, 2013, 14, 3213-3221. | 2.6 | 94 |
| 5 | 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. Organic Electronics, 2016, 35, 33-40. | 2.6 | 83 |
| 6 | Megahertz operation of flexible low-voltage organic thin-film transistors. Organic Electronics, 2013, 14, 1516-1520. | 2.6 | 73 |
| 7 | Ink Development and Printing of Conducting Polymers for Intrinsically Stretchable Interconnects and Circuits. Advanced Electronic Materials, 2020, 6, 1900681. | 5.1 | 67 |
| 8 | Low-Voltage Organic Transistors Based on Tetraceno[2,3-b]thiophene: Contact Resistance and Air Stability. Chemistry of Materials, 2015, 27, 998-1004. | 6.7 | 58 |
| 9 | Flexible low-voltage organic phototransistors based on air-stable dinaphtho[2,3-b:2â€²,3â€²-f]thieno[3,2-b]thiophene (DNTT). Organic Electronics, 2015, 20, 63-68. | 2.6 | 54 |
| 10 | Investigating Limiting Factors in Stretchable All-Carbon Transistors for Reliable Stretchable Electronics. ACS Nano, 2017, 11, 7925-7937. | 14.6 | 52 |
| 11 | Electric-Field-Driven Direct Desulfurization. ACS Nano, 2017, 11, 4703-4709. | 14.6 | 43 |
| 12 | Fluoroalkylphosphonic acid self-assembled monolayer gate dielectrics for threshold-voltage control in low-voltage organic thin-film transistors. Journal of Materials Chemistry, 2010, 20, 6416. | 6.7 | 42 |
| 13 | Remotely Controlled Isomer Selective Molecular Switching. Nano Letters, 2016, 16, 93-97. | 9.1 | 42 |
| 14 | Lowâ€Voltage, Highâ€Frequency Organic Transistors and Unipolar and Complementary Ring Oscillators on Paper. Advanced Electronic Materials, 2019, 5, 1800453. | 5.1 | 40 |
| 15 | Bipolar Conductance Switching of Single Anthradithiophene Molecules. ACS Nano, 2015, 9, 12506-12512. | 14.6 | 37 |
| 16 | Contact properties of high-mobility, air-stable, low-voltage organic n-channel thin-film transistors based on a naphthalene tetracarboxylic diimide. Applied Physics Letters, 2013, 102, . | 3.3 | 36 |
| 17 | Nonlinear Contact Effects in Staggered Thin-Film Transistors. Physical Review Applied, 2017, 8, . | 3.8 | 29 |
| 18 | The effect of the dielectric end groups on the positive bias stress stability of N2200 organic field effect transistors. APL Materials, 2021, 9, 041113. | 5.1 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis and characterization of a semiconducting and solution-processable ruthenium-based polymetallayne. Polymer Chemistry, 2020, 11, 472-479. | 3.9 | 9 |
| 20 | Controlling Single Molecule Conductance by a Locally Induced Chemical Reaction on Individual Thiophene Units. Angewandte Chemie - International Edition, 2020, 59, 6207-6212. | 13.8 | 9 |
| 21 | Air-stable, low-voltage organic transistors: High-mobility thienoacene derivatives for unipolar and complementary ring oscillators on flexible substrates. , 2014, , . | | 2 |
| 22 | Controlling Single Molecule Conductance by a Locally Induced Chemical Reaction on Individual Thiophene Units. Angewandte Chemie, 2020, 132, 6266-6271. | 2.0 | 2 |
| 23 | Inkjet-printed, intrinsically stretchable conductors and interconnects. , 2017, , . | | 2 |
| 24 | Low-voltage organic field-effect transistors for flexible electronics. , 2014, , . | | 1 |
| 25 | Submicron-channel-length organic thin-film transistors on flexible substrates. , 2016, , . | | 1 |
| 26 | Low-voltage organic transistors for flexible electronics. , 2014, , . | | 1 |