

Christian Vogt

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,023
citations

686830

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h-index

713013

21
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23
all docs

23
docs citations

23
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal oxide semiconductor thin-film transistors for flexible electronics. <i>Applied Physics Reviews</i> , 2016, 3, 021303.	5.5	511
2	Stretchable and Conformable Oxide Thin-Film Electronics. <i>Advanced Electronic Materials</i> , 2015, 1, 1400038.	2.6	78
3	Flexible Self-Aligned Double-Gate IGZO TFT. <i>IEEE Electron Device Letters</i> , 2014, 35, 69-71.	2.2	69
4	Buckled Thin-Film Transistors and Circuits on Soft Elastomers for Stretchable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28750-28757.	4.0	54
5	Metal-Halide Perovskites for Gate Dielectrics in Field-Effect Transistors and Photodetectors Enabled by PMMA Lift-Off Process. <i>Advanced Materials</i> , 2018, 30, e1707412.	11.1	51
6	Entirely Flexible On-Site Conditioned Magnetic Sensorics. <i>Advanced Electronic Materials</i> , 2016, 2, 1600188.	2.6	38
7	Ferroelectric-Like Charge Trapping Thin-Film Transistors and Their Evaluation as Memories and Synaptic Devices. <i>Advanced Electronic Materials</i> , 2017, 3, 1700309.	2.6	33
8	Charge Trapping Mechanism Leading to Sub-60-mV/decade-Swing FETs. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 2789-2796.	1.6	29
9	Adsorbed Eutectic Gall Structures on a Neoprene Foam for Stretchable MRI Coils. <i>Advanced Materials</i> , 2017, 29, 1703744.	11.1	27
10	Positive charge trapping phenomenon in n-channel thin-film transistors with amorphous alumina gate insulators. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	23
11	A Fully Integrated Dual-Channel On-Coil CMOS Receiver for Array Coils in 1.5-10.5 T MRI. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017, 11, 1245-1255.	2.7	20
12	On the Bending and Stretching of Liquid Metal Receive Coils for Magnetic Resonance Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1542-1548.	2.5	17
13	Gain-Tunable Complementary Common-Source Amplifier Based on a Flexible Hybrid Thin-Film Transistor Technology. <i>IEEE Electron Device Letters</i> , 2017, 38, 1536-1539.	2.2	14
14	Flexible In-Ga-Zn-O Thin-Film Transistors With Sub-300-nm Channel Lengths Defined by Two-Photon Direct Laser Writing. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 3796-3802.	1.6	11
15	Fabrication, Modeling, and Evaluation of a Digital Output Tilt Sensor With Conductive Microspheres. <i>IEEE Sensors Journal</i> , 2017, 17, 3635-3643.	2.4	8
16	Oxide Thin-Film Electronics on Carbon Fiber Reinforced Polymer Composite. <i>IEEE Electron Device Letters</i> , 2017, 38, 1043-1046.	2.2	8
17	Automatic Resonance Frequency Retuning of Stretchable Liquid Metal Receive Coil for Magnetic Resonance Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 1420-1426.	5.4	8
18	Integrated CMOS Receiver for Wearable Coil Arrays in MRI Applications. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
19	Flexible Green Perovskite Light Emitting Diodes. IEEE Journal of the Electron Devices Society, 2019, 7, 769-775.	1.2	6
20	Programmable e-textile composite Circuit. , 2015, , .		5
21	Long-Term Aging of Al ₂ O ₃ Passivated and Unpassivated Flexible a-IGZO TFTs. IEEE Transactions on Electron Devices, 2020, 67, 4934-4939.	1.6	3
22	Sensors: Entirely Flexible On-Site Conditioned Magnetic Sensorics (Adv. Electron. Mater. 8/2016). Advanced Electronic Materials, 2016, 2, .	2.6	1