Christian Vogt

List of Publications by Citations

21 papers	739 citations	11 h-index	23 g-index
23 ext. papers	861 ext. citations	7.3 avg, IF	3.61 L-index

#	Paper	IF	Citations
21	Metal oxide semiconductor thin-film transistors for flexible electronics. *Applied Physics Reviews*, **2016**, 3, 021303	17.3	380
20	Flexible Self-Aligned Double-Gate IGZO TFT. *IEEE Electron Device Letters*, **2014**, 35, 69-71	4.4	56
19	Stretchable and Conformable Oxide Thin-Film Electronics. *Advanced Electronic Materials*, **2015**, 1, 1400038	6.4	50
18	Buckled Thin-Film Transistors and Circuits on Soft Elastomers for Stretchable Electronics. *ACS Applied Materials & Interfaces*, **2017**, 9, 28750-28757	9.5	40
17	Metal-Halide Perovskites for Gate Dielectrics in Field-Effect Transistors and Photodetectors Enabled by PMMA Lift-Off Process. *Advanced Materials*, **2018**, 30, e1707412	24	30
16	Ferroelectric-Like Charge Trapping Thin-Film Transistors and Their Evaluation as Memories and Synaptic Devices. *Advanced Electronic Materials*, **2017**, 3, 1700309	6.4	27
15	Entirely Flexible On-Site Conditioned Magnetic Sensorics. *Advanced Electronic Materials*, **2016**, 2, 1600188	6.4	26
14	Charge Trapping Mechanism Leading to Sub-60-mV/decade-Swing FETs. *IEEE Transactions on Electron Devices*, **2017**, 64, 2789-2796	2.9	22
13	Adsorbed Eutectic GaIn Structures on a Neoprene Foam for Stretchable MRI Coils. *Advanced Materials*, **2017**, 29, 1703744	24	16
12	Positive charge trapping phenomenon in n-channel thin-film transistors with amorphous alumina gate insulators. *Journal of Applied Physics*, **2016**, 120, 244501	2.5	16
11	A Fully Integrated Dual-Channel On-Coil CMOS Receiver for Array Coils in 1.5-10.5 T MRI. *IEEE Transactions on Biomedical Circuits and Systems*, **2017**, 11, 1245-1255	5.1	15
10	Gain-Tunable Complementary Common-Source Amplifier Based on a Flexible Hybrid Thin-Film Transistor Technology. *IEEE Electron Device Letters*, **2017**, 38, 1536-1539	4.4	11
9	On the Bending and Stretching of Liquid Metal Receive Coils for Magnetic Resonance Imaging. *IEEE Transactions on Biomedical Engineering*, **2019**, 66, 1542-1548	5	11
8	Flexible InGaZnO Thin-Film Transistors With Sub-300-nm Channel Lengths Defined by Two-Photon Direct Laser Writing. *IEEE Transactions on Electron Devices*, **2018**, 65, 3796-3802	2.9	8
7	Fabrication, Modeling, and Evaluation of a Digital Output Tilt Sensor With Conductive Microspheres. *IEEE Sensors Journal*, **2017**, 17, 3635-3643	4	6
6	Integrated CMOS receiver for wearable coil arrays in MRI applications **2015**,		6
5	Oxide Thin-Film Electronics on Carbon Fiber Reinforced Polymer Composite. *IEEE Electron Device Letters*, **2017**, 38, 1043-1046	4.4	5

4	Programmable e-textile composite Circuit **2015**,		4
3	Automatic Resonance Frequency Retuning of Stretchable Liquid Metal Receive Coil for Magnetic Resonance Imaging. *IEEE Transactions on Medical Imaging*, **2019**, 38, 1420-1426	11.7	3
2	Flexible Green Perovskite Light Emitting Diodes. *IEEE Journal of the Electron Devices Society*, **2019**, 7, 769-775	2.3	2
1	Long-Term Aging of Al2O3 Passivated and Unpassivated Flexible a-IGZO TFTs. *IEEE Transactions on Electron Devices*, **2020**, 67, 4934-4939	2.9	2