

Kazunori Kuribara

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34 papers	3,228 citations	12 h-index	41 g-index
41 ext. papers	3,590 ext. citations	6.5 avg, IF	4.64 L-index

#	Paper	IF	Citations
34	Yield and leakage current of organic thin-film transistor logic gates toward reliable and low-power operation of large-scale logic circuits for IoT nodes. <i>Japanese Journal of Applied Physics</i> , 2022 , 61, SC1044	1.4	0
33	Stable organic SRAM cell with p-type access transistors. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, SBBG04	1.4	0
32	Separation of bias stress degradation between insulator and semiconductor carrier trapping in organic thin-film transistors. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, SBBG06	1.4	0
31	Measurement and Modeling of Ambient-Air-Induced Degradation in Organic Thin-Film Transistor. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2020 , 33, 216-223	2.6	1
30	Recovery-aware bias-stress degradation model for organic thin-film transistors considering drain and gate bias voltages. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, SGGG08	1.4	3
29	Stretchable and durable Parylene/PEDOT:PSS/Parylene multi-layer induced by plastic deformation for stretchable device using functionalized PDMS. <i>AIP Advances</i> , 2020 , 10, 025205	1.5	8
28	Direct Preparation of Mixed Self-assembled Monolayers Based on Common-substructure-tailored Phosphonic Acids for Fine Control of Surface Wettability. <i>Chemistry Letters</i> , 2020 , 49, 1302-1305	1.7	
27	. <i>IEEE Sensors Journal</i> , 2020 , 20, 7569-7578	4	3
26	Atmospheric-pressure plasma oxidation of aluminum for large-area electronics. <i>Journal of Applied Physics</i> , 2019 , 125, 215501	2.5	4
25	Feasibility of a low-power, low-voltage complementary organic thin film transistor buskeeper physical unclonable function. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SBBG03	1.4	6
24	Wettability control with self-assembler patterning for printed electronics. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, 041002	1.4	1
23	OCM-PUF: organic current mirror PUF with enhanced resilience to device degradation 2019 ,		4
22	A compact model of I-V characteristic degradation for organic thin film transistors 2019 ,		3
21	Mechanically and electrically robust metal-mask design for organic CMOS circuits. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 04FL05	1.4	6
20	Thin film transistor performance of amorphous indium/zinc oxide semiconductor thin film prepared by ultraviolet photoassisted sol-gel processing. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 05GD01	1.4	4
19	Measurement and Modeling of Frequency Degradation of an oTFT Ring Oscillator 2018 ,		2
18	Organic physically unclonable function on flexible substrate operable at 2V for IoT/IoE security applications. <i>Organic Electronics</i> , 2017 , 51, 137-141	3.5	20

17	Fabrication and performance of pressure-sensing device consisting of electret film and organic semiconductor. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 04CL09	1.4	2
16	Ultraflexible organic amplifier with biocompatible gel electrodes. <i>Nature Communications</i> , 2016 , 7, 11425	7.4	139
15	Temperature-modulated annealing of c-plane sapphire for long-range-ordered atomic steps. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 115302	3	1
14	Solution-processed hybrid organic/inorganic complementary thin-film transistor inverter. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 04EL04	1.4	8
13	High-resolution spatial control of the threshold voltage of organic transistors by microcontact printing of alkyl and fluoroalkylphosphonic acid self-assembled monolayers. <i>Organic Electronics</i> , 2015 , 26, 239-244	3.5	17
12	Printable elastic conductors with a high conductivity for electronic textile applications. <i>Nature Communications</i> , 2015 , 6, 7461	17.4	540
11	A strain-absorbing design for tissue-machine interfaces using a tunable adhesive gel. <i>Nature Communications</i> , 2014 , 5, 5898	17.4	106
10	Flexible low-voltage organic transistors with high thermal stability at 250 °C. <i>Advanced Materials</i> , 2013 , 25, 3639-44	24	84
9	An ultra-lightweight design for imperceptible plastic electronics. <i>Nature</i> , 2013 , 499, 458-63	50.4	1781
8	Simultaneous characterization of mechanical and electrical performances of ultraflexible and stretchable organic integrated circuits 2012 ,		1
7	Organic transistors with high thermal stability for medical applications. <i>Nature Communications</i> , 2012 , 3, 723	17.4	237
6	Organic Pseudo-CMOS Circuits for Low-Voltage Large-Gain High-Speed Operation. <i>IEEE Electron Device Letters</i> , 2011 , 32, 1448-1450	4.4	48
5	A 4 V Operation, Flexible Braille Display Using Organic Transistors, Carbon Nanotube Actuators, and Organic Static Random-Access Memory. <i>Advanced Functional Materials</i> , 2011 , 21, 4019-4027	15.6	109
4	Study of Organic Thin-Film Transistors Under Electrostatic Discharge Stresses. <i>IEEE Electron Device Letters</i> , 2011 , 32, 967-969	4.4	9
3	Low-voltage organic transistor with subfemtoliter inkjet source-drain contacts. <i>MRS Communications</i> , 2011 , 1, 3-6	2.7	29
2	Spatial control of the threshold voltage of low-voltage organic transistors by microcontact printing of alkyl- and fluoroalkyl-phosphonic acids. <i>MRS Communications</i> , 2011 , 1, 33-36	2.7	7
1	Thermal stability of organic thin-film transistors with self-assembled monolayer dielectrics. <i>Applied Physics Letters</i> , 2010 , 96, 053302	3.4	45