Kazunori Kuribara

List of Publications by Citations

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	An ultra-lightweight design for imperceptible plastic electronics. *Nature*, **2013**, 499, 458-63	50.4	1781
33	Printable elastic conductors with a high conductivity for electronic textile applications. *Nature Communications*, **2015**, 6, 7461	17.4	540
32	Organic transistors with high thermal stability for medical applications. *Nature Communications*, **2012**, 3, 723	17.4	237
31	Ultraflexible organic amplifier with biocompatible gel electrodes. *Nature Communications*, **2016**, 7, 11425	17.4	139
30	A 4 V Operation, Flexible Braille Display Using Organic Transistors, Carbon Nanotube Actuators, and Organic Static Random-Access Memory. *Advanced Functional Materials*, **2011**, 21, 4019-4027	15.6	109
29	A strain-absorbing design for tissue-machine interfaces using a tunable adhesive gel. *Nature Communications*, **2014**, 5, 5898	17.4	106
28	Flexible low-voltage organic transistors with high thermal stability at 250 °C. *Advanced Materials*, **2013**, 25, 3639-44	24	84
27	Organic Pseudo-CMOS Circuits for Low-Voltage Large-Gain High-Speed Operation. *IEEE Electron Device Letters*, **2011**, 32, 1448-1450	4.4	48
26	Thermal stability of organic thin-film transistors with self-assembled monolayer dielectrics. *Applied Physics Letters*, **2010**, 96, 053302	3.4	45
25	Low-voltage organic transistor with subfemtoliter inkjet source-drain contacts. *MRS Communications*, **2011**, 1, 3-6	2.7	29
24	Organic physically unclonable function on flexible substrate operable at 2 V for IoT/IoE security applications. *Organic Electronics*, **2017**, 51, 137-141	3.5	20
23	High-resolution spatial control of the threshold voltage of organic transistors by microcontact printing of alkyl and fluoroalkylphosphonic acid self-assembled monolayers. *Organic Electronics*, **2015**, 26, 239-244	3.5	17
22	Study of Organic Thin-Film Transistors Under Electrostatic Discharge Stresses. *IEEE Electron Device Letters*, **2011**, 32, 967-969	4.4	9
21	Stretchable and durable Parylene/PEDOT:PSS/Parylene multi-layer induced by plastic deformation for stretchable device using functionalized PDMS. *AIP Advances*, **2020**, 10, 025205	1.5	8
20	Solution-processed hybrid organic–inorganic complementary thin-film transistor inverter. *Japanese Journal of Applied Physics*, **2016**, 55, 04EL04	1.4	8
19	Spatial control of the threshold voltage of low-voltage organic transistors by microcontact printing of alkyl- and f luoroalkyl-phosphonic acids. *MRS Communications*, **2011**, 1, 33-36	2.7	7
18	Feasibility of a low-power, low-voltage complementary organic thin film transistor buskeeper physical unclonable function. *Japanese Journal of Applied Physics*, **2019**, 58, SBBG03	1.4	6

17	Mechanically and electrically robust metal-mask design for organic CMOS circuits. *Japanese Journal of Applied Physics*, **2018**, 57, 04FL05	1.4	6
16	Atmospheric-pressure plasma oxidation of aluminum for large-area electronics. *Journal of Applied Physics*, **2019**, 125, 215501	2.5	4
15	Thin film transistor performance of amorphous indium–zinc oxide semiconductor thin film prepared by ultraviolet photoassisted sol–gel processing. *Japanese Journal of Applied Physics*, **2018**, 57, 05GD01	1.4	4
14	OCM-PUF: organic current mirror PUF with enhanced resilience to device degradation **2019**,		4
13	Recovery-aware bias-stress degradation model for organic thin-film transistors considering drain and gate bias voltages. *Japanese Journal of Applied Physics*, **2020**, 59, SGGG08	1.4	3
12	A compact model of I -V characteristic degradation for organic thin film transistors **2019**,		3
11	. *IEEE Sensors Journal*, **2020**, 20, 7569-7578	4	3
10	Fabrication and performance of pressure-sensing device consisting of electret film and organic semiconductor. *Japanese Journal of Applied Physics*, **2017**, 56, 04CL09	1.4	2
9	Measurement and Modeling of Frequency Degradation of an oTFT Ring Oscillator **2018**,		2
8	Wettability control with self-assembler patterning for printed electronics. *Japanese Journal of Applied Physics*, **2019**, 58, 041002	1.4	1
7	Measurement and Modeling of Ambient-Air-Induced Degradation in Organic Thin-Film Transistor. *IEEE Transactions on Semiconductor Manufacturing*, **2020**, 33, 216-223	2.6	1
6	Temperature-modulated annealing ofc-plane sapphire for long-range-ordered atomic steps. *Journal Physics D: Applied Physics*, **2016**, 49, 115302	3	1
5	Simultaneous characterization of mechanical and electrical performances of ultraflexible and stretchable organic integrated circuits **2012**,		1
4	Stable organic SRAM cell with p-type access transistors. *Japanese Journal of Applied Physics*, **2021**, 60, SBBG04	1.4	0
3	Separation of bias stress degradation between insulator and semiconductor carrier trapping in organic thin-film transistors. *Japanese Journal of Applied Physics*, **2021**, 60, SBBG06	1.4	0
2	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. *Japanese Journal of Applied Physics*, **2022**, 61, SC1044	1.4	0
1	Direct Preparation of Mixed Self-assembled Monolayers Based on Common-substructure-tailored Phosphonic Acids for Fine Control of Surface Wettability. *Chemistry Letters*, **2020**, 49, 1302-1305	1.7	