

Jian-Feng Wu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

315
citations

840585

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839398

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21
all docs

21
docs citations

21
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Crosstalk Error Analysis of the Circuit for the 2-D Networked Resistive Sensor Array. IEEE Sensors Journal, 2015, 15, 1020-1026.	2.4	47
2	A Dynamic Compression Scheme for Energy-Efficient Real-Time Wireless Electrocardiogram Biosensors. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2160-2169.	2.4	42
3	Scanning Approaches of 2-D Resistive Sensor Arrays: A Review. IEEE Sensors Journal, 2017, 17, 914-925.	2.4	35
4	A Novel Crosstalk Suppression Method of the 2-D Networked Resistive Sensor Array. Sensors, 2014, 14, 12816-12827.	2.1	26
5	Human Limb Motion Detection with Novel Flexible Capacitive Angle Sensor Based on Conductive Textile. Electronics (Switzerland), 2018, 7, 192.	1.8	24
6	VF-NSE method measurement error analysis of networked resistive sensor array. Sensors and Actuators A: Physical, 2014, 211, 45-50.	2.0	23
7	Cable Crosstalk Suppression with Two-Wire Voltage Feedback Method for Resistive Sensor Array. Sensors, 2016, 16, 253.	2.1	17
8	A Novel Two-Wire Fast Readout Approach for Suppressing Cable Crosstalk in a Tactile Resistive Sensor Array. Sensors, 2016, 16, 720.	2.1	15
9	Approximate Model of Zero Potential Circuits for the 2-D Networked Resistive Sensor Array. IEEE Sensors Journal, 2016, 16, 3084-3090.	2.4	15
10	Cable Crosstalk Suppression in Resistive Sensor Array with 2-Wire S-NSDE-EP Method. Journal of Sensors, 2016, 2016, 1-9.	0.6	13
11	An Improved Zero Potential Circuit for Readout of a Two-Dimensional Resistive Sensor Array. Sensors, 2016, 16, 2070.	2.1	11
12	A handwriting input method based on the thermal cue of the fingertip. Measurement: Journal of the International Measurement Confederation, 2016, 91, 557-564.	2.5	9
13	General Voltage Feedback Circuit Model in the Two-Dimensional Networked Resistive Sensor Array. Journal of Sensors, 2015, 2015, 1-8.	0.6	7
14	Readout circuit based on double voltage feedback loops in the two-dimensional resistive sensor array: design, modelling and simulation evaluation. IET Science, Measurement and Technology, 2017, 11, 288-296.	0.9	7
15	Improved resistance matrix approach for readout of the two-dimensional resistive sensor array. Transactions of the Institute of Measurement and Control, 2019, 41, 875-882.	1.1	6
16	Linear Readout Circuit for Simultaneously Accessing Two Elements in the Two-Dimensional Resistive Sensor Array. IEEE Sensors Journal, 2021, 21, 24254-24262.	2.4	5
17	Hardware design of a body sensor network system used for elder care. , 2013, , .		4
18	FALL DETECTION USING THREE WEARABLE TRIAXIAL ACCELEROMETERS AND A DECISION-TREE CLASSIFIER. Biomedical Engineering - Applications, Basis and Communications, 2014, 26, 1450059.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Fabrication and Evaluation of a Stretchable Thermal Sensing Cushion With Multi-Arch Structure. IEEE Sensors Journal, 2019, 19, 6421-6429.	2.4	4
20	Compressed sensing for wireless pulse wave signal acquisition. , 2013, , .		1
21	FEM simulation and experimental analysis of a thermal tactile slip device. , 2013, , .		0