

Xiangpeng Liang

List of Publications by Year in descending order

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17
papers

289
citations

1478505

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1474206

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18
all docs

18
docs citations

18
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Extreme Edge Computing for Wearable Devices. <i>Frontiers in Neuroscience</i> , 2021, 15, 611300.	2.8	67
2	Wrist-Worn Gesture Sensing With Wearable Intelligence. <i>IEEE Sensors Journal</i> , 2019, 19, 1082-1090.	4.7	45
3	Rotating neurons for all-analog implementation of cyclic reservoir computing. <i>Nature Communications</i> , 2022, 13, 1549.	12.8	44
4	Fusion of Wearable and Contactless Sensors for Intelligent Gesture Recognition. <i>Advanced Intelligent Systems</i> , 2019, 1, 1900088.	6.1	39
5	Wearable Capacitive-Based Wrist-Worn Gesture Sensing System. , 2017, , .		22
6	Spintronic Sensors Based on Magnetic Tunnel Junctions for Wireless Eye Movement Gesture Control. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2020, 14, 1299-1310.	4.0	21
7	Hierarchical Sensor Fusion for Micro-Gesture Recognition With Pressure Sensor Array and Radar. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2020, 4, 225-232.	3.4	16
8	Wearable Wristworn Gesture Recognition Using Echo State Network. , 2019, , .		9
9	Visual Hand Tracking on Depth Image using 2-D Matched Filter. , 2019, , .		5
10	Wearable Resistive-based Gesture-Sensing Interface Bracelet. , 2019, , .		5
11	Fusion of Wearable and Contactless Sensors for Intelligent Gesture Recognition. <i>Advanced Intelligent Systems</i> , 2019, 1, 1970072.	6.1	5
12	A Delay-Based Neuromorphic Processor for Arrhythmias Detection. , 2020, , .		4
13	A Neuromorphic Model With Delay-Based Reservoir for Continuous Ventricular Heartbeat Detection. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 1837-1849.	4.2	3
14	Spintronic Eyeblink Gesture Sensor with Wearable Interface System. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2022, , 1-14.	4.0	3
15	Live Demonstration: Gaze Following System for Noninvasively Testing Electronic Contact Lens. , 2020, , .		1
16	Eye Tracking Simulation for a Magnetic-based Contact Lens System. , 2020, , .		0
17	Gesture Recognition Wristband Device with Optimised Piezoelectric Energy Harvesters. , 2020, , .		0