

# Xiangpeng Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

289  
citations

1478505

6  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

219  
citing authors

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