Peng Fang

List of Publications by Year
in descending order

17	356	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	370
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective Evaluation of Finger Sensation Evoking by Non-Invasive Stimulation for Sensory Function Recovery in Transradial Amputees. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 519-528.	4.9	12
2	The Peculiarities of Electret Effect in Corona Electrets Based on Nonpolar and Polar Polymers With Dispersed Montmorillonite. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, 29, 840-844.	2.9	2
3	Air-Borne Ultrasonic Transducers Based on Cross-Linked Polypropylene Ferro/Piezoelectrets. IEEE Sensors Journal, 2022, 22, 14806-14814.	4.7	3
4	Editorial Electrets and Related Phenomena. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, 29, 766-767.	2.9	0
5	Towards Improving the Quality of Electrophysiological Signal Recordings by Using Microneedle Electrode Arrays. IEEE Transactions on Biomedical Engineering, 2021, 68, 3327-3335.	4.2	12
6	Next-Generation Prosthetic Hand: from Biomimetic to Biorealistic. Research, 2021, 2021, 4675326.	5.7	22
7	A Novel Motion Recognition Method Based on Force Myography of Dynamic Muscle Contractions. Frontiers in Neuroscience, 2021, 15, 783539.	2.8	5
8	Property Assessment and Application Exploration for Layered Polytetrafluoroethylene Piezoelectrets. IEEE Sensors Journal, 2019, 19, 11262-11271.	4.7	14
9	Fabrication, Structure Characterization, and Performance Testing of Piezoelectret-Film Sensors for Recording Body Motion. IEEE Sensors Journal, 2018, 18, 401-412.	4.7	41
10	A Piezoelectret-based Flexible Sensor for Pulse Monitoring. , 2018, , .		3
11	A Novel Flexible Sensor for Muscle Shape Change Monitoring in Limb Motion Recognition. , 2018, 2018, 4665-4668.		6
12	A Pilot Study on Using Forcemyography to Record Upper-limb Movements for Human-machine Interactive Control. , 2018, 2018, 3788-3791.		2
13	A motion-classification strategy based on sEMG-EEG signal combination for upper-limb amputees. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 2.	4.6	144
14	Three-layer piezoelectrets from fluorinated ethylene-propylene (FEP) copolymer films. Applied Physics A: Materials Science and Processing, 2011, 103, 455-461.	2.3	27
15	Polyethylene-naphthalate (PEN) ferroelectrets: cellular structure, piezoelectricity and thermal stability. IEEE Transactions on Dielectrics and Electrical Insulation, 2010, 17, 1079-1087.	2.9	41
16	Charging conditions for cellular-polymer ferroelectrets with enhanced thermal stability. , 2008, , .		0
17	Cellular polyethylene-naphthalate films for ferroelectret applications: foaming, inflation and stretching, assessment of electromechanically relevant structural features. E-Polymers, 2008, 8, .	3.0	22