

Peng Fang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

356
citations

1163117

8
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

370
citing authors

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