

Chang Peng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

360
citations

840585

11
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Transducers for Intravascular Ultrasound (IVUS) Imaging. <i>Sensors</i> , 2021, 21, 3540.	2.1	54
2	Physics of direct-contact ultrasonic cloth drying process. <i>Energy</i> , 2017, 125, 498-508.	4.5	40
3	Noninvasive and Nonocclusive Blood Pressure Monitoring via a Flexible Piezo-Composite Ultrasonic Sensor. <i>IEEE Sensors Journal</i> , 2021, 21, 2642-2650.	2.4	38
4	Effects of particle size of dielectric fillers on the output performance of piezoelectric and triboelectric nanogenerators. <i>Journal of Advanced Ceramics</i> , 2021, 10, 991-1000.	8.9	27
5	An energy-efficient method for direct-contact ultrasonic cloth drying. <i>Energy</i> , 2017, 138, 133-138.	4.5	26
6	Flexible composites with Ce-doped BaTiO ₃ /P(VDF-TrFE) nanofibers for piezoelectric device. <i>Composites Science and Technology</i> , 2020, 200, 108386.	3.8	26
7	Magneto-sonothrombolysis with combination of magnetic microbubbles and nanodroplets. <i>Ultrasonics</i> , 2021, 116, 106487.	2.1	24
8	Microstructure of clay fabric in electrokinetic dewatering of phosphatic clay dispersions. <i>Applied Clay Science</i> , 2018, 158, 94-101.	2.6	17
9	Under-Display Ultrasonic Fingerprint Recognition With Finger Vessel Imaging. <i>IEEE Sensors Journal</i> , 2021, 21, 7412-7419.	2.4	16
10	P(VDF-TrFE) Thin-Film-Based Transducer for Under-Display Ultrasonic Fingerprint Sensing Applications. <i>IEEE Sensors Journal</i> , 2020, 20, 11221-11228.	2.4	14
11	Structural and Functional Imaging of the Retina in Central Retinal Artery Occlusion – Current Approaches and Future Directions. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105828.	0.7	13
12	Broadband Piezoelectric Transducers for Under-Display Ultrasonic Fingerprint Sensing Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 4426-4434.	5.2	11
13	Acoustics at the nanoscale (nanoacoustics): A comprehensive literature review. Part I: Materials, devices and selected applications. <i>Sensors and Actuators A: Physical</i> , 2021, 332, 112719.	2.0	10
14	A Low-Cost Camera-Based Ultrasound Probe Tracking System: Design and Prototype. , 2019, , .		9
15	Performance Enhanced Ultrasound Probe Tracking With a Hemispherical Marker Rigid Body. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 2155-2163.	1.7	8
16	Ultrasound-Guided Intravascular Sonothrombolysis With a Dual Mode Ultrasound Catheter: <i>In Vitro</i> Study. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 1917-1925.	1.7	8
17	Acoustics at the nanoscale (nanoacoustics): A comprehensive literature review. Part II: Nanoacoustics for biomedical imaging and therapy. <i>Sensors and Actuators A: Physical</i> , 2021, 332, 112925.	2.0	7
18	Energy efficient piezoelectrically actuated transducer for direct-contact ultrasonic drying of fabrics. <i>Drying Technology</i> , 2020, 38, 879-888.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Experimental Evaluation and Kinetic Analysis of Direct-Contact Ultrasonic Fabric Drying Process. Journal of Thermal Science and Engineering Applications, 2021, 13, .	0.8	5
20	Comment on the paper "Generation and reduction of bulk nanobubbles by ultrasonic irradiation" by Keiji Yasuda, Hodaka Matsushima, and Yoshiyuki Asakura, Chemical Engineering Science 195 (2019) 455-461. Chemical Engineering Science, 2019, 207, 1364-1365.	1.9	1