

Jianhui Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

190
citations

1307594

7
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical-resolution photoacoustic microscopy for monitoring vascular normalization during anti-angiogenic therapy. <i>Photoacoustics</i> , 2019, 15, 100143.	7.8	48
2	A Novel PZT Pump with Built-in Compliant Structures. <i>Sensors</i> , 2019, 19, 1301.	3.8	32
3	Study on the Influencing Factors of the Atomization Rate in a Piezoceramic Vibrating Mesh Atomizer. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2422.	2.5	21
4	Design and Experimental Verification of a PZT Pump with Streamlined Flow Tubes. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3881.	2.5	19
5	Equivalent Circuit Modeling for a Valveless Piezoelectric Pump. <i>Sensors</i> , 2018, 18, 2881.	3.8	18
6	Visualizing tumor angiogenesis and boundary with polygon-scanning multiscale photoacoustic microscopy. <i>Photoacoustics</i> , 2022, 26, 100342.	7.8	14
7	A novel ultrasonic surface machining tool utilizing elastic traveling waves. <i>Ultrasonics</i> , 2017, 80, 78-86.	3.9	13
8	Lack of association between acupoint sensitization and microcirculatory structural changes in a mouse model of knee osteoarthritis: A pilot study. <i>Journal of Biophotonics</i> , 2019, 12, e201800458.	2.3	6
9	Absolute Position Coding Method for Angular Sensor—Single-Track Gray Codes. <i>Sensors</i> , 2018, 18, 2728.	3.8	5
10	Investigation on the Influence of Design Parameters of Streamline Flow Tubes on Pump Performance. <i>Shock and Vibration</i> , 2021, 2021, 1-8.	0.6	5
11	A Visual-Based Angle Measurement Method Using the Rotating Spot Images: Mathematic Modeling and Experiment Validation. <i>IEEE Sensors Journal</i> , 2021, 21, 16576-16583.	4.7	3
12	Influence of disc parameters on output performance of elastic valve piezoelectric pump. <i>Microsystem Technologies</i> , 2021, 27, 3049-3057.	2.0	2
13	Recovery of photoacoustic images based on accurate ultrasound positioning. <i>Visual Computing for Industry, Biomedicine, and Art</i> , 2021, 4, 7.	3.7	2
14	Study on Electrical Performance of a U-Type Microfluidic Acceleration Switch Using Salt Solution as the Sensitive Electrode. <i>Sensors</i> , 2020, 20, 7062.	3.8	1
15	A novel valve-less piezoelectric micropump generating recirculating flow. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 1473-1490.	3.1	1
16	A Novel Design of Rotated Piezoelectric Actuators based on Impact Driving Principle. , 2021, , .		0