Nen Wan

List of Publications by Year
in descending order

11 papers	137 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	106 citing authors

#	Article	IF	Citations
1	An Optimization Algorithm H-GVSPM for Electrical Impedance Tomography. IEEE Sensors Journal, 2023, 23, 4518-4526.	4.7	1
2	Quantitative Evaluation of Burn Injuries Based on Electrical Impedance Spectroscopy of Blood with a Seven-Parameter Equivalent Circuit. Sensors, 2021, 21, 1496.	3.8	4
3	A walking type piezoelectric actuator based on the parasitic motion of obliquely assembled PZT stacks. Smart Materials and Structures, 2021, 30, 085030.	3.5	26
4	A Novel Bionic Piezoelectric Actuator Based on the Walrus Motion. Journal of Bionic Engineering, 2021, 18, 1117-1125.	5.0	5
5	Quantitative Measurement of the Erythrocyte Sedimentation Based on Electrical Impedance Spectroscopy with Modified HANAI Theory and the Multi-frequency Parameter Xc. IEEE Sensors Journal, 2021, , 1-1.	4.7	2
6	A parasitic type piezoelectric actuator with an asymmetrical flexure hinge mechanism. Microsystem Technologies, 2020, 26, 917-924.	2.0	15
7	A linear piezoelectric actuator with the parasitic motion of equilateral triangle flexure mechanism. Smart Materials and Structures, 2020, 29, 015015.	3.5	12
8	A walking type piezoelectric actuator with two umbrella-shaped flexure mechanisms. Smart Materials and Structures, 2020, 29, 085014.	3.5	19
9	Quantitative detection and evaluation of thrombus formation based on electrical impedance spectroscopy. Biosensors and Bioelectronics, 2019, 141, 111437.	10.1	14
10	Quantitative Measurement and Evaluation of Red Blood Cell Aggregation in Normal Blood Based on a Modified Hanai Equation. Sensors, 2019, 19, 1095.	3.8	11
11	A Novel Linear Walking Type Piezoelectric Actuator Based on the Parasitic Motion of Flexure Mechanisms. IEEE Access, 2019, 7, 25908-25914.	4.2	28