

# Nen Wan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7328340/publications.pdf>

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11  
papers

137  
citations

1307594

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1281871

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docs citations

11  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Linear Walking Type Piezoelectric Actuator Based on the Parasitic Motion of Flexure Mechanisms. IEEE Access, 2019, 7, 25908-25914.	4.2	28
2	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
3	A walking type piezoelectric actuator with two umbrella-shaped flexure mechanisms. Smart Materials and Structures, 2020, 29, 085014.	3.5	19
4	A parasitic type piezoelectric actuator with an asymmetrical flexure hinge mechanism. Microsystem Technologies, 2020, 26, 917-924.	2.0	15
5	Quantitative detection and evaluation of thrombus formation based on electrical impedance spectroscopy. Biosensors and Bioelectronics, 2019, 141, 111437.	10.1	14
6	A linear piezoelectric actuator with the parasitic motion of equilateral triangle flexure mechanism. Smart Materials and Structures, 2020, 29, 015015.	3.5	12
7	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
8	A Novel Bionic Piezoelectric Actuator Based on the Walrus Motion. Journal of Bionic Engineering, 2021, 18, 1117-1125.	5.0	5
9	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
10	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
11	An Optimization Algorithm H-GVSPM for Electrical Impedance Tomography. IEEE Sensors Journal, 2023, 23, 4518-4526.	4.7	1