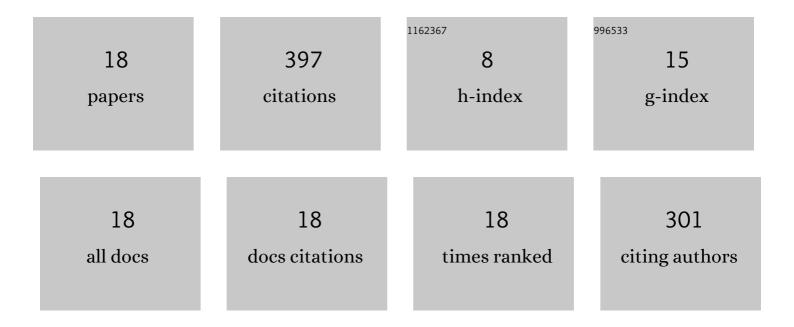
## Yunlai Shi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2019338/publications.pdf Version: 2024-02-01



ΥΠΝΙΑΙ ΣΗΙ

#	Article	IF	CITATIONS
1	A hybrid linear actuator based on screw clamp operation principle: Design and experimental verification. Journal of Intelligent Material Systems and Structures, 2022, 33, 1633-1643.	1.4	2
2	Poling-Free Hydroxyapatite/Polylactide Nanogenerator with Improved Piezoelectricity for Energy Harvesting. Micromachines, 2022, 13, 889.	1.4	4
3	A Piezoelectric Robotic System for MRI Targeting Assessments of Therapeutics During Dipole Field Navigation. IEEE/ASME Transactions on Mechatronics, 2021, 26, 214-225.	3.7	10
4	Investigation on a Linear Piezoelectric Actuator Based on Stick-Slip/Scan Excitation. Actuators, 2021, 10, 39.	1.2	14
5	Development and placement accuracy evaluation of an MR conditional robot for prostate intervention. Medical and Biological Engineering and Computing, 2021, 59, 1023-1034.	1.6	2
6	Improvement of Low-Speed Precision Control of a Butterfly-Shaped Linear Ultrasonic Motor. IEEE Access, 2020, 8, 135131-135137.	2.6	5
7	Longitudinal Composite-Mode Linear Ultrasonic Motor for Motion Servo System of Probe Station. Actuators, 2020, 9, 111.	1.2	3
8	Design and Control of a Piezoelectric Actuated Prostate Intervention Robotic System. , 2020, , .		7
9	Novel linear piezoelectric motor for precision position stage. Chinese Journal of Mechanical Engineering (English Edition), 2016, 29, 378-385.	1.9	24
10	Application of piezoelectric materials in a novel linear ultrasonic motor based on shear-induced vibration mode. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 1191-1195.	0.4	4
11	Butterfly-shaped linear ultrasonic motor robust control based on Takagi-Sugeno fuzzy systems. , 2014, , .		1
12	Transient response model of standing wave piezoelectric linear ultrasonic motor. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 1188-1192.	0.4	5
13	Simple new ultrasonic piezoelectric actuator for precision linear positioning. Journal of Electroceramics, 2012, 28, 233-239.	0.8	33
14	A new standing-wave-type linear ultrasonic motor based on in-plane modes. Ultrasonics, 2011, 51, 397-404.	2.1	118
15	Contact analysis and modeling of standing wave linear ultrasonic motor. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 1235-1242.	0.4	27
16	A New Type Butterfly-Shaped Transducer Linear Ultrasonic Motor. Journal of Intelligent Material Systems and Structures, 2011, 22, 567-575.	1.4	78
17	Linear ultrasonic motor with wheel-shaped stator. Sensors and Actuators A: Physical, 2010, 161, 205-209.	2.0	60
18	Analytical modeling and experimental validation of a butterfly-shaped piezoelectric composite transducer. Archive of Applied Mechanics, 0, , 1.	1.2	0