

# Zisheng Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10104466/publications.pdf>

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17  
papers

1,234  
citations

623734

14  
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888059

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docs citations

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times ranked

1775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Piezoelectret Based Highly Efficient Ultrasonic Energy Harvester for Implantable Electronics. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	34
2	High-Performance Dielectric Elastomer Nanogenerator for Efficient Energy Harvesting and Sensing via Alternative Current Method. <i>Advanced Science</i> , 2022, 9, e2201098.	11.2	11
3	Trap-Induced Dense Monocharged Perfluorinated Electret Nanofibers for Recyclable Multifunctional Healthcare Mask. <i>ACS Nano</i> , 2021, 15, 5486-5494.	14.6	41
4	Dielectric Elastomer Generator for Electromechanical Energy Conversion: A Mini Review. <i>Sustainability</i> , 2021, 13, 9881.	3.2	20
5	Electrostatic Assembly of Laminated Transparent Piezoelectrets for Epidermal and Implantable Electronics. <i>Nano Energy</i> , 2021, 89, 106450.	16.0	28
6	Fiber-Based Energy Conversion Devices for Human Body Energy Harvesting. <i>Advanced Materials</i> , 2020, 32, e1902034.	21.0	204
7	Hierarchical elastomer tuned self-powered pressure sensor for wearable multifunctional cardiovascular electronics. <i>Nano Energy</i> , 2020, 70, 104460.	16.0	113
8	Piezoelectrets for wearable energy harvesters and sensors. <i>Nano Energy</i> , 2019, 65, 104033.	16.0	107
9	Electrospun Polytetrafluoroethylene Nanofibrous Membrane for High-Performance Self-Powered Sensors. <i>Nanoscale Research Letters</i> , 2019, 14, 251.	5.7	17
10	Boosting the Efficient Energy Output of Electret Nanogenerators by Suppressing Air Breakdown under Ambient Conditions. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 3984-3989.	8.0	20
11	Theoretical study and structural optimization of a flexible piezoelectret-based pressure sensor. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5065-5070.	10.3	33
12	Noncontact Heartbeat and Respiration Monitoring Based on a Hollow Microstructured Self-Powered Pressure Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3660-3667.	8.0	119
13	Flexible THV/COC Piezoelectret Nanogenerator for Wide-Range Pressure Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 29675-29683.	8.0	21
14	Solar-driven simultaneous steam production and electricity generation from salinity. <i>Energy and Environmental Science</i> , 2017, 10, 1923-1927.	30.8	380
15	Output optimized electret nanogenerators for self-powered long-distance optical communication systems. <i>Nanoscale</i> , 2017, 9, 18529-18534.	5.6	6
16	Dielectric properties and energy-storage performance of (Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> /SrTiO <sub>3</sub> thick films derived from polyvinylpyrrolidone-modified chemical solution. <i>Journal of Alloys and Compounds</i> , 2015, 639, 387-392.	5.5	65
17	Structure and dielectric properties of (Na <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> /SrTiO <sub>3</sub> thick films derived from polyvinylpyrrolidone-modified chemical solution. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 4318-4324.	2.2	15