

# Yixin Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9603252/publications.pdf>

Version: 2024-02-01

9  
papers

84  
citations

1937685

4  
h-index

2053705

5  
g-index

9  
all docs

9  
docs citations

9  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spray coating of polymer electret with polystyrene nanoparticles for electrostatic energy harvesting. <i>Micro and Nano Letters</i> , 2016, 11, 640-644.	1.3	30
2	Spray-coated electret materials with enhanced stability in a harsh environment for an MEMS energy harvesting device. <i>Microsystems and Nanoengineering</i> , 2021, 7, 15.	7.0	23
3	Experimental Study on Capillary Imbibition of Shale Oil in Nanochannels. <i>Energy &amp; Fuels</i> , 2022, 36, 5267-5275.	5.1	10
4	Wideband MEMS electrostatic energy harvester with dual resonant structure. , 2016, , .		6
5	Anomalous mechanosensitive ion transport in nanoparticle-blocked nanopores. <i>Journal of Chemical Physics</i> , 2021, 154, 224702.	3.0	5
6	Electret-based electrostatic energy harvesting device with the MEMS technology. , 2016, , .		4
7	MEMS electrostatic energy harvesting device with spray coated electret. , 2017, , .		3
8	Nanoparticle-blockage-enabled rapid and reversible nanopore gating with tunable memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	2
9	Spray coating of polymer electret with nano particles for stable surface charge. , 2016, , .		1