

# Yixin Xu

## List of Publications by Year in descending order

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9  
papers

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1937685

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2053705

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docs citations

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59  
citing authors

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