

# Pan Zheng

## List of Publications by Year in descending order

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11  
papers

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citations

1307594

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1281871

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docs citations

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times ranked

81  
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#	ARTICLE	IF	CITATIONS
1	The Effect of Remnant Vortices in He II on Multiple Modes of a Micro-electromechanical Resonator. Journal of Low Temperature Physics, 2019, 196, 177-183.	1.4	6
2	Anomalous Resonance Frequency Shift of a Microelectromechanical Oscillator in Superfluid $^3\text{He-B}$ . Journal of Low Temperature Physics, 2017, 187, 309-323.	1.4	8
3	Critical Velocity in the Presence of Surface Bound States in Superfluid $^3\text{He}$ . Physical Review Letters, 2017, 118, 065301.	7.8	17
4	Analysis of the "Push-Pull" Capacitance Bridge Circuit for Comb-Drive Micro-electro-mechanical Oscillators. Journal of Low Temperature Physics, 2016, 183, 313-319.	1.4	8
5	Temperature dependence of viscosity in normal fluid $^3\text{He}$ below 800 mK determined by a microelectromechanical oscillator. Physical Review B, 2016, 94, .	3.2	12
6	Anomalous Damping of a Microelectromechanical Oscillator in Superfluid $^3\text{He-B}$ . Physical Review Letters, 2016, 117, 195301.	7.8	25
7	Development of a Spatially Resolved $^3\text{He}$ Quasi-Particle Detector. Journal of Low Temperature Physics, 2016, 183, 307-312.	1.4	4
8	Signal analysis and characterization of a micro-electro-mechanical oscillator for the study of quantum fluids. Journal of Physics: Conference Series, 2014, 568, 032003.	0.4	5
9	Unusual Behavior of a MEMS Resonator in Superfluid $^4\text{He}$ . Journal of Low Temperature Physics, 2013, 171, 200-206.	1.4	15
10	Comb-drive micro-electro-mechanical systems oscillators for low temperature experiments. Review of Scientific Instruments, 2013, 84, 025003.	1.3	34
11	Characterization of MEMS Devices for the Study of Superfluid Helium Films. Journal of Low Temperature Physics, 2011, 162, 661-668.	1.4	13