

Pan Zheng

List of Publications by Year in descending order

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papers

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citations

1307594
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11
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11
docs citations

11
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Comb-drive micro-electro-mechanical systems oscillators for low temperature experiments. Review of Scientific Instruments, 2013, 84, 025003.	1.3	34
2	Anomalous Damping of a Microelectromechanical Oscillator in Superfluid ^3He -B. Physical Review Letters, 2017, 118, 065301. $B \propto T^3$	7.8	25
3	Unusual Behavior of a MEMS Resonator in Superfluid ^4He . Journal of Low Temperature Physics, 2013, 171, 200-206.	7.8	17
4	Characterization of MEMS Devices for the Study of Superfluid Helium Films. Journal of Low Temperature Physics, 2011, 162, 661-668.	1.4	13
6	Temperature dependence of viscosity in normal fluid ^3He below 800 mK determined by a microelectromechanical oscillator. Physical Review B, 2016, 94, .	3.2	12
7	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
8	Anomalous Resonance Frequency Shift of a Microelectromechanical Oscillator in Superfluid ^3He -B. Journal of Low Temperature Physics, 2017, 187, 309-323.	1.4	8
9	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
10	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
11	Development of a Spatially Resolved ^3He Quasi-Particle Detector. Journal of Low Temperature Physics, 2016, 183, 307-312.	1.4	4