

# Lucio Araneo

## List of Publications by Year in descending order

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14  
papers

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citations

933447

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1125743

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14  
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14  
docs citations

14  
times ranked

219  
citing authors

#	ARTICLE	IF	CITATIONS
1	A pulsating heat pipe for space applications: Ground and microgravity experiments. International Journal of Thermal Sciences, 2015, 95, 53-63.	4.9	82
2	Thermal response of a closed loop pulsating heat pipe under a varying gravity force. International Journal of Thermal Sciences, 2014, 80, 11-22.	4.9	63
3	Hybrid Pulsating Heat Pipe for space applications with non-uniform heating patterns: Ground and microgravity experiments. Applied Thermal Engineering, 2017, 126, 1029-1043.	6.0	57
4	Advanced multi-evaporator loop thermosyphon. Energy, 2016, 112, 562-573.	8.8	28
5	Infrared analysis of the two phase flow in a single closed loop pulsating heat pipe. Experimental Thermal and Fluid Science, 2018, 97, 304-312.	2.7	28
6	Visualization of Flow Patterns in Closed Loop Flat Plate Pulsating Heat Pipe Acting as Hybrid Thermosyphons under Various Gravity Levels. Heat Transfer Engineering, 2019, 40, 227-237.	1.9	27
7	Experiments on aerosol removal by high-pressure water spray. Nuclear Engineering and Design, 2017, 311, 28-34.	1.7	24
8	Advanced numerical method for a thermally induced slug flow: application to a capillary closed loop pulsating heat pipe. International Journal for Numerical Methods in Fluids, 2016, 82, 375-397.	1.6	16
9	Non equilibrium lumped parameter model for Pulsating Heat Pipes: validation in normal and hyper-gravity conditions. International Journal of Heat and Mass Transfer, 2016, 97, 473-485.	4.8	15
10	Droplet velocity and diameter distributions in flash boiling liquid nitrogen jets by means of phase Doppler diagnostics. Experiments in Fluids, 2020, 61, 1.	2.4	11
11	Validation and Assessment of a Water Mist Multi-hole Nozzle Model for Fire Simulations. Fire Technology, 2014, 50, 505-524.	3.0	6
12	Fluid-flow pressure measurements and thermo-fluid characterization of a single loop two-phase passive heat transfer device. Journal of Physics: Conference Series, 2017, 923, 012022.	0.4	3
13	Performance analysis and simplified modelling of a capillary jet loop heat pipe. Applied Thermal Engineering, 2021, 197, 117407.	6.0	2
14	Analysis of PDA measurements in double injection GDI sprays. , 0, , .		1