

Daniele Ricci

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

448

citations

8

h-index

21

g-index

37

ext. papers

519

ext. citations

2.6

avg, IF

3.69

L-index

#	Paper	IF	Citations
22	A numerical study of nanofluid forced convection in ribbed channels. <i>Applied Thermal Engineering</i> , 2012 , 37, 280-292	5.8	182
21	Numerical study of a confined slot impinging jet with nanofluids. <i>Nanoscale Research Letters</i> , 2011 , 6, 188	5	84
20	Forced convection enhancement in channels with transversal ribs and nanofluids. <i>Applied Thermal Engineering</i> , 2016 , 98, 1044-1053	5.8	51
19	Thermal and fluid dynamic behaviors of confined laminar impinging slot jets with nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2016 , 70, 15-26	5.8	36
18	Numerical investigation of air forced convection in channels with differently shaped transverse ribs. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2011 , 21, 618-639	4.5	22
17	Numerical Analysis of Water Forced Convection in Channels with Differently Shaped Transverse Ribs. <i>Journal of Applied Mathematics</i> , 2011 , 2011, 1-25	1.1	17
16	Experimental and numerical investigation on the behaviour of methane in supercritical conditions. <i>Applied Thermal Engineering</i> , 2016 , 107, 1334-1353	5.8	12
15	Numerical Study of Laminar Confined Impinging Slot Jets with Nanofluids. <i>Advances in Mechanical Engineering</i> , 2012 , 4, 248795	1.2	9
14	Numerical Investigation on Mixed Convection in Triangular Cross-Section Ducts with Nanofluids. <i>Advances in Mechanical Engineering</i> , 2012 , 4, 139370	1.2	7
13	Numerical Study of Transient Natural Convection in Air in Vertical Divergent Channels. <i>Numerical Heat Transfer; Part A: Applications</i> , 2011 , 60, 580-603	2.3	6
12	A Numerical Analysis on Nanofluid Mixed Convection in Triangular Cross-Sectioned Ducts Heated by a Uniform Heat Flux. <i>Advances in Mechanical Engineering</i> , 2015 , 7, 292973	1.2	5
11	Thermo-Structural and Thermo-Fluid Dynamics Analyses Supporting the Design of the Cooling System of a Methane Liquid Rocket Engine 2014 ,		3
10	Methane Transcritical Behavior in the Cooling System of the HYPROB-BREAD LOX/LCH4 Demonstrator Rocket Engine 2015 ,		3
9	NUMERICAL STUDY OF AIR FORCED CONVECTION IN A CHANNEL PROVIDED WITH INCLINED RIBS. <i>Frontiers in Heat and Mass Transfer</i> , 2011 , 2,		3
8	Nanofluid Impinging Jets in Porous Media 2016 , 7, 84-113		1
7	Numerical Model for Multilayer Thin Films Irradiated by a Moving Laser Source. <i>Defect and Diffusion Forum</i> , 2009 , 283-286, 352-357	0.7	1
6	A Two-Dimensional Numerical Investigation on Forced Convection in Channels With Transversal Ribs 2009 ,		1

5	Numerical Investigation on the Thermal Behaviour of a LOx/LCH4 Demonstrator Cooling System. <i>Aerospace</i> , 2021 , 8, 151	2.5	1
4	Development of a Liquid Rocket Ground Demonstrator Through Thermal Analyses. <i>Heat Transfer Engineering</i> , 2020 , 41, 1100-1116	1.7	1
3	Effects of High Reynolds Number Impinging Jet on the Heat Conduction in Work-Pieces Irradiated by a Moving Heat Source. <i>Defect and Diffusion Forum</i> , 2014 , 354, 189-194	0.7	
2	Numerical Simulation of Transient Temperature Fields in Solids Irradiated by Moving Gaussian and Donut Sources. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 959-964	0.7	
1	Numerical Investigation on Transient Conjugate Optical-Thermal Fields in Thin Films Irradiated by Moving Sources for Front Treatments. <i>Defect and Diffusion Forum</i> , 2010 , 297-301, 1439-1444	0.7	