

Carlo Salvatore Greco

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

480
citations

758635

12
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of the stroke length and nozzle-to-plate distance on synthetic jet impingement heat transfer. International Journal of Heat and Mass Transfer, 2018, 117, 1019-1031.	2.5	83
2	Time and phase average heat transfer in single and twin circular synthetic impinging air jets. International Journal of Heat and Mass Transfer, 2014, 73, 776-788.	2.5	67
3	On the behaviour of impinging zero-net-mass-flux jets. Journal of Fluid Mechanics, 2017, 810, 25-59.	1.4	55
4	On the near field of single and twin circular synthetic air jets. International Journal of Heat and Fluid Flow, 2013, 44, 41-52.	1.1	53
5	Modelling of efficiency of synthetic jet actuators. Sensors and Actuators A: Physical, 2015, 233, 512-521.	2.0	30
6	Effect of the grid geometry on the convective heat transfer of impinging jets. International Journal of Heat and Mass Transfer, 2017, 104, 39-50.	2.5	25
7	Flow field features of fractal impinging jets at short nozzle to plate distances. Experimental Thermal and Fluid Science, 2016, 78, 334-344.	1.5	22
8	Convective heat transfer in circular and chevron impinging synthetic jets. International Journal of Heat and Mass Transfer, 2018, 126, 969-979.	2.5	20
9	Impingement heat transfer of quadruple synthetic jets. International Journal of Heat and Mass Transfer, 2019, 135, 1192-1206.	2.5	18
10	The von Kármán street behind a circular cylinder: flow control through synthetic jet placed at the rear stagnation point. Journal of Fluid Mechanics, 2020, 901, .	1.4	18
11	Towards enabling time-resolved measurements of turbulent convective heat transfer maps with IR thermography and a heated thin foil. International Journal of Heat and Mass Transfer, 2017, 108, 199-209.	2.5	14
12	Image resection and heat transfer measurements by IR thermography in hypersonic flows. Quantitative InfraRed Thermography Journal, 2013, 10, 188-206.	2.1	13
13	Flow field features of chevron impinging synthetic jets at short nozzle-to-plate distance. Experimental Thermal and Fluid Science, 2019, 106, 202-214.	1.5	13
14	The evolution of quadruple synthetic jets. Experimental Thermal and Fluid Science, 2017, 89, 259-275.	1.5	11
15	Flow control of wingtip vortices through synthetic jets. Experimental Thermal and Fluid Science, 2022, 130, 110489.	1.5	10
16	Experimental determination of the 3-D characteristic modes of turbulent Rayleigh-Bénard convection in a cylinder. Journal of Fluid Mechanics, 2021, 922, .	1.4	7
17	Novel Quadruple Synthetic Jet Device: Flowfield and Acoustic Behavior. AIAA Journal, 2017, 55, 2241-2253.	1.5	6
18	Active control of separated flow over 2D back-facing ramp by an array of finite-span slotted synthetic jets. Experimental Thermal and Fluid Science, 2021, 129, 110475.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Flow characterization of an array of finite-span synthetic jets in quiescent ambient. Experimental Thermal and Fluid Science, 2020, 119, 110208.	1.5	5
20	3D temperature mapping of a ceramic shell mould in investment casting process via infrared thermography. Quantitative InfraRed Thermography Journal, 2020, 17, 40-62.	2.1	3
21	Flow control on a 2D back-facing ramp by Synthetic Jets. , 2020, , .		1
22	Thermo-fluid-dynamic analysis of innovative synthetic jet devices. IOP Conference Series: Materials Science and Engineering, 2017, 249, 012001.	0.3	0