

Walter Grassi

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

479
citations

840776

11
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fast Analytical Method for the Dynamic Energy Simulation of Energy Piles With Short Time Resolution. <i>Journal of Heat Transfer</i> , 2021, 143, .	2.1	1
2	A new hydrodynamic approach for jet impingement boiling CHF. <i>International Communications in Heat and Mass Transfer</i> , 2019, 104, 83-88.	5.6	10
3	Parabolic flight results of electrohydrodynamic heat transfer enhancement in a square duct. <i>International Journal of Thermal Sciences</i> , 2017, 117, 1-13.	4.9	7
4	A Proposal for New Microclimate Indexes for the Evaluation of Indoor Air Quality in Museums. <i>Buildings</i> , 2016, 6, 41.	3.1	36
5	Enhanced nucleate boiling and CHF on a small horizontal plate under ionic jet impingement. <i>International Communications in Heat and Mass Transfer</i> , 2016, 79, 67-73.	5.6	12
6	Energy and geotechnical behaviour of energy piles for different design solutions. <i>Applied Thermal Engineering</i> , 2015, 86, 199-213.	6.0	137
7	Thermo-Fluid Dynamics of an Array of Impinging Ionic Jets in a Crossflow. <i>Journal of Heat Transfer</i> , 2013, 135, .	2.1	5
8	Quantitative measurements in thermo-fluid dynamics based on colour processing. <i>Optics and Laser Technology</i> , 2011, 43, 381-393.	4.6	7
9	Thermo-Fluid Dynamics of an Array of Impinging Ionic Jets in a Crossflow. , 2010, , .		0
10	Electrohydrodynamic Convective Heat Transfer in a Square Duct. <i>Annals of the New York Academy of Sciences</i> , 2009, 1161, 452-462.	3.8	9
11	Induction of waves on a horizontal water film by an impinging corona wind. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2009, 16, 377-385.	2.9	6
12	POOL BOILING IN MICROGRAVITY AND IN THE PRESENCE OF ELECTRIC FIELD: EVALUATION OF THE VOID FRACTION IN THE ARIEL EXPERIMENT. <i>Multiphase Science and Technology</i> , 2009, 21, 267-277.	0.5	5
13	Optimal Working Fluid and Electrode Configuration for EHD-Enhanced Single-Phase Heat Transfer. <i>Journal of Enhanced Heat Transfer</i> , 2007, 14, 161-173.	1.1	11
14	POOL BOILING IN MICROGRAVITY AND IN ELECTRIC FIELDS: OLD AND RECENT RESULTS. <i>Multiphase Science and Technology</i> , 2007, 19, 141-165.	0.5	15
15	Heat transfer enhancement on the upper surface of a horizontal heated plate in a pool by ion injection from a metallic point. <i>Journal of Electrostatics</i> , 2006, 64, 574-580.	1.9	20
16	Developing upward flow in a uniformly heated circular duct under transitional mixed convection. <i>International Journal of Thermal Sciences</i> , 2006, 45, 932-937.	4.9	7
17	Augmentation of Heat Transfer on the Downward Surface of a Heated Plate by Ion Injection. <i>Annals of the New York Academy of Sciences</i> , 2006, 1077, 602-612.	3.8	6
18	Heat Transfer Enhancement by Electric Fields in Several Heat Exchange Regimes. <i>Annals of the New York Academy of Sciences</i> , 2006, 1077, 527-569.	3.8	28

#	ARTICLE	IF	CITATIONS
19	Heat Transfer Augmentation by Ion Injection in an Annular Duct. Journal of Heat Transfer, 2006, 128, 283-289.	2.1	15
20	Heat Transfer Correlations for Turbulent Mixed Convection in the Entrance Region of a Uniformly Heated Horizontal Tube. Journal of Heat Transfer, 2006, 128, 1103-1107.	2.1	15
21	EHD enhanced heat transfer in a vertical annulus. International Communications in Heat and Mass Transfer, 2005, 32, 748-757.	5.6	37
22	Heat transfer enhancement in a vertical annulus by electrophoretic forces acting on a dielectric liquid. International Journal of Thermal Sciences, 2005, 44, 1072-1077.	4.9	17
23	Effect of an Externally Applied Electric Field on Pool Film Boiling of FC-72. Heat Transfer Engineering, 2004, 25, 3-13.	1.9	17
24	Heat Transfer Augmentation by Ion Injection in an Annular Duct. , 2004, , .		1
25	Saturated Pool Boiling Enhancement by Means of an Electric Field. Journal of Enhanced Heat Transfer, 1993, 1, 99-114.	1.1	55