Guillermo Ibanez

List of Publications by Year
in descending order

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19 papers	776 citations	758635 12 h-index	887659 17 g-index
20 all docs	20 docs citations	20 times ranked	432 citing authors

#	Article	IF	Citations
1	Heat transfer and entropy generation in a MHD Couetteâ€“Poiseuille flow through a microchannel with slip, suctionâ€“injection and radiation. Journal of Thermal Analysis and Calorimetry, 2022, 147, 4253-4273.	2.0	13
2	Effect of disc spacing and pressure flow on a modifiable Tesla turbine: Experimental and numerical analysis. Applied Thermal Engineering, 2021, 192, 116792.	3.0	7
3	Entropy generation minimization and nonlinear heat transport in MHD flow of a couple stress nanofluid through an inclined permeable channel with a porous medium, thermal radiation and slip. Heat Transfer, 2020, 49, 4878-4906.	1.7	10
4	Optimization of MHD nanofluid flow in a vertical microchannel with a porous medium, nonlinear radiation heat flux, slip flow and convectiveâ€“radiative boundary conditions. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3401-3420.	2.0	46
5	A new equilibrium structure for the Na309 cluster. Journal of Nanoparticle Research, 2019, 21, 1.	0.8	0
6	Entropy generation analysis of MHD nanofluid flow in a porous vertical microchannel with nonlinear thermal radiation, slip flow and convective-radiative boundary conditions. International Journal of Heat and Mass Transfer, 2017, 107, 982-994.	2.5	144
7	Entropy generation analysis of a nanofluid flow in MHD porous microchannel with hydrodynamic slip and thermal radiation. International Journal of Heat and Mass Transfer, 2016, 100, 89-97.	2.5	102
8	The structural transition of the Na $$_{309}$$ 309 clusters. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	2
9	Entropy generation in MHD porous channel with hydrodynamic slip and convective boundary conditions. International Journal of Heat and Mass Transfer, 2015, 80, 274-280.	2.5	77
10	Combined effects of uniform heat flux boundary conditions and hydrodynamic slip on entropy generation in a microchannel. International Journal of Heat and Mass Transfer, 2014, 73, 201-206.	2.5	30
11	Optimum slip flow based on the minimization of entropy generation in parallel plate microchannels. Energy, 2013, 50, 143-149.	4.5	58
12	Optimum wall thickness ratio based on the minimization of entropy generation in a viscous flow between parallel plates. International Communications in Heat and Mass Transfer, 2012, 39, 587-592.	2.9	27
13	Entropy generation minimization of a MHD (magnetohydrodynamic) flow in a microchannel. Energy, 2010, 35, 4149-4155.	4.5	86
14	Optimum wall conductance ratio in magnetoconvective flow in a long vertical rectangular duct. International Journal of Thermal Sciences, 2008, 47, 1012-1019.	2.6	19
15	Optimization of a magnetohydrodynamic flow based on the entropy generation minimization method. International Communications in Heat and Mass Transfer, 2006, 33, 295-301.	2.9	21
16	Thermodynamic optimization of radial MHD flow between parallel circular disks. Journal of Non-Equilibrium Thermodynamics, 2004, 29, .	2.4	7
17	Minimization of entropy generation by asymmetric convective cooling. International Journal of Heat and Mass Transfer, 2003, 46, 1321-1328.	2.5	83
18	Optimization analysis of an alternate magnetohydrodynamic generator. Energy Conversion and Management, 2002, 43, 1757-1771.	4.4	44

#	Article	IF	Citations
19	Use of the multicriteria analysis methods to optimize sustainable energy systems based on renewable sources. Journal-urban-rural and Regional Economy, 0, , 15-29.	0.0	0