

# Guillermo Ibanez

## List of Publications by Year in descending order

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19  
papers

776  
citations

759055

12  
h-index

887953

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

432  
citing authors

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

#	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