JosÃ© Serna

List of Publications by Year
in descending order

11 papers	180 citations	1040056 9 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	178 citing authors

#	Article	IF	Citations
1	Evaluating military training aircrafts through the combination of multi-criteria decision making processes with fuzzy logic. A case study in the Spanish Air Force Academy. Aerospace Science and Technology, 2015, 42, 58-65.	4.8	64
2	Heat and mass transfer mechanisms in nanofluids boundary layers. International Journal of Heat and Mass Transfer, 2016, 92, 173-183.	4.8	18
3	On the bursting condition for transitional separation bubbles. Aerospace Science and Technology, 2015, 44, 43-50.	4.8	16
4	Heat and mass transfer enhancement in a double diffusive mixed convection lid cavity under pulsating flow. Computers and Chemical Engineering, 2016, 94, 128-140.	3.8	15
5	The final stages of transition and the reattachment region in transitional separation bubbles. Experiments in Fluids, 2014, 55, 1.	2.4	13
6	Present and Future of Air Navigation: PBN Operations and Supporting Technologies. International Journal of Aeronautical and Space Sciences, 2020, 21, 451-468.	2.0	13
7	Application of network simulation method to viscous flows: The nanofluid heated lid cavity under pulsating flow. Computers and Fluids, 2014, 91, 10-20.	2.5	11
8	On the laminar region and the initial stages of transition in transitional separation bubbles. European Journal of Mechanics, B/Fluids, 2015, 49, 171-183.	2.5	10
9	Influence of the welding parameters on the heat affected zone for aluminium welding. Thermal Science, 2016, 20, 643-653.	1.1	10
10	Enhanced Missed Approach Procedure Based on Aircraft Reinjection. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 4149-4170.	4.7	6
11	Experiments on Natural Transition in Separation Bubbles. Procedia IUTAM, 2015, 14, 496-502.	1.2	4