Alejandro LÃ³pez-BelchÃ-

List of Publications by Year
in descending order

10 papers	271 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	166 citing authors

#	Article	IF	Citations
1	R450A and R513A as lower GWP mixtures for high ambient temperature countries: Experimental comparison with R134a. Energy, 2019, 166, 223-235.	8.8	64
2	Experimental condensing two-phase frictional pressure drop inside mini-channels. Comparisons and new model development. International Journal of Heat and Mass Transfer, 2014, 75, 581-591.	4.8	36
3	Assessment of a mini-channel condenser at high ambient temperatures based on experimental measurements working with R134a, R513A and R1234yf. Applied Thermal Engineering, 2019, 155, 341-353.	6.0	34
4	R32 and R410A condensation heat transfer coefficient and pressure drop within minichannel multiport tube. Experimental technique and measurements. Applied Thermal Engineering, 2016, 105, 118-131.	6.0	31
5	Evaluation of a condenser based on mini-channels technology working with R410A and R32. Experimental data and performance estimate. Applied Energy, 2017, 202, 112-124.	10.1	29
6	Condensing two-phase pressure drop and heat transfer coefficient of propane in a horizontal multiport mini-channel tube: Experimental measurements. International Journal of Refrigeration, 2016, 68, 59-75.	3.4	28
7	Two phase flow pressure drop in multiport mini-channel tubes using R134a and R32 as working fluids. International Journal of Thermal Sciences, 2015, 92, 17-33.	4.9	25
8	GMDH ANN to optimise model development: Prediction of the pressure drop and the heat transfer coefficient during condensation within mini-channels. Applied Thermal Engineering, 2018, 144, 321-330.	6.0	16
9	NON-UNIFORM CONDENSATION OF REFRIGERANT R134A IN MINI-CHANNEL MULTIPORT TUBES: TWO-PHASE PRESSURE DROP AND HEAT TRANSFER COEFFICIENT. Journal of Enhanced Heat Transfer, 2015, 22, 391-416.	1.1	7
10	A MCDM Methodology to Determine the Most Critical Variables in the Pressure Drop and Heat Transfer in Minichannels. Energies, 2021, 14, 2069.	3.1	1