

Dilek Kumlutas

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

635
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal conductivity of particle filled polyethylene composite materials. Composites Science and Technology, 2003, 63, 113-117.	7.8	210
2	Effect of Particle Shape on Thermal Conductivity of Copper Reinforced Polymer Composites. Journal of Reinforced Plastics and Composites, 2007, 26, 113-121.	3.1	197
3	A Numerical and Experimental Study on Thermal Conductivity of Particle Filled Polymer Composites. Journal of Thermoplastic Composite Materials, 2006, 19, 441-455.	4.2	149
4	Optimisation of the design parameters of a domestic refrigerator using CFD and artificial neural networks. International Journal of Refrigeration, 2016, 67, 227-238.	3.4	20
5	Investigation of design parameters of a domestic refrigerator by artificial neural networks and numerical simulations. International Journal of Refrigeration, 2012, 35, 1678-1689.	3.4	19
6	Investigation of flow and heat transfer for a split air conditioner indoor unit. Applied Thermal Engineering, 2013, 51, 262-272.	6.0	16
7	Experimental investigation on cross flow fan's casing parameters inside of a split air conditioner indoor unit by Stereo Particle Image Velocimetry. Applied Thermal Engineering, 2017, 124, 1233-1246.	6.0	12
8	Experimental visualization of the flow characteristics of the outflow of a split air conditioner indoor unit by meshed infrared thermography and stereo particle image velocimetry. Experimental Thermal and Fluid Science, 2013, 44, 334-344.	2.7	9
9	Numerical and experimental investigation of liquid blowing agent and pentane blowing agent effects on the insulation of a household refrigerator. Science and Technology for the Built Environment, 2021, 27, 832-842.	1.7	2
10	A method for volumetric visualization of temperature distribution: three-dimensional meshed infrared thermography. Experiments in Fluids, 2019, 60, 1.	2.4	1