

Banjara Kotresha

List of Publications by Year in descending order

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12
papers

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citations

1684188

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1474206

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docs citations

13
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Simulations of Fluid Flow and Heat Transfer through Aluminum and Copper Metal Foam Heat Exchanger – A Comparative Study. Heat Transfer Engineering, 2020, 41, 637-649.	1.9	19
2	Numerical Simulations of Flow-Assisted Mixed Convection in a Vertical Channel Filled with High Porosity Metal Foams. Heat Transfer Engineering, 2020, 41, 739-750.	1.9	19
3	Investigation of Mixed Convection Heat Transfer Through Metal Foams Partially Filled in a Vertical Channel by Using Computational Fluid Dynamics. Journal of Heat Transfer, 2018, 140, .	2.1	18
4	Determination of interfacial heat transfer coefficient for the flow assisted mixed convection through brass wire mesh. International Journal of Thermal Sciences, 2019, 138, 98-108.	4.9	18
5	Effect of thickness and thermal conductivity of metal foams filled in a vertical channel – a numerical study. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 184-203.	2.8	11
6	Analysis of Forced Convection Heat Transfer Through Graded PPI Metal Foams. Lecture Notes in Mechanical Engineering, 2019, , 151-158.	0.4	4
7	A Parametric Study on Mixed Convection in a Vertical Channel in the Presence of Wire Mesh. Heat Transfer Engineering, 2021, 42, 1914-1925.	1.9	3
8	A Synergistic Combination of Thermal Models for Optimal Temperature Distribution of Discrete Sources Through Metal Foams in a Vertical Channel. Journal of Heat Transfer, 2019, 141, .	2.1	1
9	Forced Convection Analysis in a Horizontal Pipe in the Presence of Aluminium Metal Foam – A Numerical Study. Lecture Notes in Mechanical Engineering, 2021, , 491-498.	0.4	1
10	Effect of spatial porosity of metal foams on heat transfer filled in a vertical channel. Materials Today: Proceedings, 2022, 51, 1539-1547.	1.8	1
11	Comparison of Fluid Flow and Heat Transfer Through Metal Foams and Wire Mesh by Using CFD. Recent Patents on Mechanical Engineering, 2019, 12, 220-226.	0.3	0
12	Forced Convection through Discrete Heat Sources and Simple Thermal Model – A Numerical Study. International Journal of Mathematical, Engineering and Management Sciences, 2019, 4, 1397-1406.	0.7	0