

Brundaban Patro

List of Publications by Year in descending order

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13
papers

117
citations

1684188

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1474206

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13
all docs

13
docs citations

13
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Computation of flow and heat transfer in horizontal gas-solid flows through an adiabatic pipe. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 934-945.	2.1	0
2	Comparison of heat transfer and pressure drop results of horizontal gas-solid flows in an adiabatic pipe using plastic, sand and glass particles. Powder Technology, 2020, 374, 314-322.	4.2	0
3	Computational Fluid Dynamics Studies of Gas-Solid Flows in a Horizontal Pipe, Subjected to an Adiabatic Wall, Using a Variable Gas Properties Eulerian Model. Chemical Product and Process Modeling, 2019, 14, .	0.9	3
4	Prediction of local heat transfer characteristics of dilute gas-solid flows through an adiabatic, horizontal pipe. Heat Transfer - Asian Research, 2019, 48, 1987-2006.	2.8	2
5	Optimization of fused deposition modeling process parameters using a fuzzy inference system coupled with Taguchi philosophy. Advances in Manufacturing, 2017, 5, 231-242.	6.1	58
6	Preparation and Testing of PAN Carbon/Epoxy Resin Composites. The Open Mechanical Engineering Journal, 2017, 11, 14-24.	0.3	6
7	Computational study of a turbulent gas-solid confined jet flow. Powder Technology, 2016, 297, 229-238.	4.2	6
8	Efficiency studies of combination tube boilers. AEJ - Alexandria Engineering Journal, 2016, 55, 193-202.	6.4	23
9	COMPUTATIONAL THERMO-HYDRODYNAMIC STUDIES OF DILUTE GAS-SOLID FLOWS IN A HORIZONTAL PIPE USING A HIGHER VALUE OF SOLID VOLUME FRACTION. Journal of Enhanced Heat Transfer, 2016, 23, 449-463.	1.1	1
10	Eulerian Modeling of Gas-Solid Flow with Solid Volume Fraction up to 0.1. International Journal of Fluid Mechanics Research, 2015, 42, 355-373.	0.4	1
11	Prediction of Two-Phase Heat Transfer and Pressure Drop in Dilute Gas-Solid Flows: A Numerical Investigation. Drying Technology, 2014, 32, 1167-1178.	3.1	17
12	PNEUMATIC CONVEYING THROUGH A HORIZONTAL PIPE: NUMERICAL PRESSURE DROP. Multiphase Science and Technology, 2014, 26, 329-349.	0.5	0
13	NUMERICAL MODELING OF GAS-SOLID FLOW IN A HORIZONTAL PIPE. Multiphase Science and Technology, 2012, 24, 299-322.	0.5	0