

# Brundaban Patro

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

117  
citations

1684188

5  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

124  
citing authors

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