

# Mohd Faizal Mohideen Batcha

## List of Publications by Year in descending order

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31  
papers

199  
citations

1163117

8  
h-index

1125743

13  
g-index

32  
all docs

32  
docs citations

32  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD-based irreversibility analysis of avant-garde semi-O/O-shape grooving fashions of solar pond heat trade-off unit. <i>Renewable Energy</i> , 2021, 171, 328-343.	8.9	42
2	Combustion and emission of pelletized empty fruit bunch and oil palm shell in a swirling fluidized bed combustor. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 755-763.	4.6	5
3	Design and Development of Downdraft Gasifier to Generate Producer Gas. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	2
4	Flow characteristics of 3-D turning diffuser using particle image velocimetry. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
5	Cycle time improvement for plastic injection moulding process by sub groove modification in conformal cooling channel. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	7
6	Recent advances in fluidized bed drying. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 243, 012038.	0.6	10
7	Hydrodynamics study on drying of pepper in swirling fluidized bed dryer (SFBD). <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 226, 012053.	0.6	2
8	Characterization of Bottom and Fly Ashes Generated Co-incineration of Biomass with Automotive Shredder Residue. <i>MATEC Web of Conferences</i> , 2017, 135, 00009.	0.2	0
9	2nd International Conference on Computational Fluid Dynamics in Research and Industry (CFDRI 2017). <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 243, 011001.	0.6	1
10	Improvement of Solid-Gas Interaction in Fluidized Bed Systems via Secondary Air- Injection. <i>MATEC Web of Conferences</i> , 2017, 135, 00014.	0.2	0
11	Numerical simulation of tangential inlet configuration for plenum chambers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 243, 012039.	0.6	1
12	Spray and Combustion Characteristics of a Novel Multi-circular Jet Plate in Air-assisted Atomizer. <i>MATEC Web of Conferences</i> , 2017, 135, 00010.	0.2	0
13	Emission studies from combustion of empty fruit bunch pellets in a fluidized bed combustor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 226, 012003.	0.6	0
14	Feasibility study on pliant media drying using fluidized bed dryer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 88, 012071.	0.6	1
15	Hydrodynamic Characteristics of Flow around Tube Bank with Integral Wake Splitter. <i>Applied Mechanics and Materials</i> , 2014, 660, 649-653.	0.2	0
16	Numerical simulation of cross-flow in a bank of tubes with three rows in the subcritical region of Reynolds. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 50, 012045.	0.6	0
17	Effect of plenum chamber depth in a swirling fluidized bed. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 50, 012021.	0.6	12
18	Numerical Investigation of Airflow in a Swirling Fluidized Bed. <i>Asian Journal of Scientific Research</i> , 2013, 6, 157-166.	0.1	15

#	ARTICLE	IF	CITATIONS
19	Numerical Investigation of Air Flow Distribution in a Swirling Fluidized Bed. Advanced Materials Research, 2012, 499, 132-137.	0.3	3
20	Experimental studies on oil palm frond drying using swirling fluidized bed dryer. , 2012, , .		1
21	Modeling of Layering Ceramic Shell Mould. Applied Mechanics and Materials, 2012, 232, 548-552.	0.2	7
22	CFD Studies on Velocity Distribution of Air in a Swirling Fluidized Bed. Advanced Materials Research, 2012, 468-471, 25-29.	0.3	14
23	Heat transfer in a swirling fluidized bed with geldart type-D particles. Korean Journal of Chemical Engineering, 2012, 29, 862-867.	2.7	21
24	Hydrodynamics of Oil Palm Frond in a Swirling Fluidized Bed Dryer. Applied Mechanics and Materials, 2011, 117-119, 1829-1833.	0.2	3
25	Experimental Studies on a Swirling Fluidized Bed with Annular Distributor. Journal of Applied Sciences, 2011, 11, 1980-1986.	0.3	34
26	Prediction of the thermal conductivity of metal hydrides “ The inverse problem. International Journal of Hydrogen Energy, 2009, 34, 7125-7130.	7.1	10
27	Fluidization of Geldart Type-D Particles in a Swirling Fluidized Bed. Applied Mechanics and Materials, 0, 110-116, 3720-3727.	0.2	4
28	Drying Characteristics of Several Agricultural Product: Effect of Drying Temperature. Applied Mechanics and Materials, 0, 465-466, 472-479.	0.2	0
29	Tube Bank with Integral Wake Splitter Performance at Reynolds Number 5000 to 50000. Applied Mechanics and Materials, 0, 465-466, 546-551.	0.2	1
30	Drying of Sponge Media Using Swirling Fluidized Bed Dryer. Applied Mechanics and Materials, 0, 660, 644-648.	0.2	1
31	Thin Layer Modeling of Grated Coconut Drying. Applied Mechanics and Materials, 0, 660, 367-372.	0.2	1