

# Mohd Faizal Mohideen Batcha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9460986/publications.pdf>

Version: 2024-02-01

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	Experimental Studies on a Swirling Fluidized Bed with Annular Distributor. <i>Journal of Applied Sciences</i> , 2011, 11, 1980-1986.	0.3	34
3	Heat transfer in a swirling fluidized bed with geldart type-D particles. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 862-867.	2.7	21
4	Numerical Investigation of Airflow in a Swirling Fluidized Bed. <i>Asian Journal of Scientific Research</i> , 2013, 6, 157-166.	0.1	15
5	CFD Studies on Velocity Distribution of Air in a Swirling Fluidized Bed. <i>Advanced Materials Research</i> , 2012, 468-471, 25-29.	0.3	14
6	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
7	Prediction of the thermal conductivity of metal hydrides “ The inverse problem. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7125-7130.	7.1	10
8	Recent advances in fluidized bed drying. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 243, 012038.	0.6	10
9	Modeling of Layering Ceramic Shell Mould. <i>Applied Mechanics and Materials</i> , 2012, 232, 548-552.	0.2	7
10	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
11	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
12	Fluidization of Geldart Type-D Particles in a Swirling Fluidized Bed. <i>Applied Mechanics and Materials</i> , 0, 110-116, 3720-3727.	0.2	4
13	Hydrodynamics of Oil Palm Frond in a Swirling Fluidized Bed Dryer. <i>Applied Mechanics and Materials</i> , 2011, 117-119, 1829-1833.	0.2	3
14	Numerical Investigation of Air Flow Distribution in a Swirling Fluidized Bed. <i>Advanced Materials Research</i> , 2012, 499, 132-137.	0.3	3
15	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
16	Design and Development of Downdraft Gasifier to Generate Producer Gas. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.4	2
17	Experimental studies on oil palm frond drying using swirling fluidized bed dryer. , 2012, , .		1
18	Tube Bank with Integral Wake Splitter Performance at Reynolds Number 5000 to 50000. <i>Applied Mechanics and Materials</i> , 0, 465-466, 546-551.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Drying of Sponge Media Using Swirling Fluidized Bed Dryer. Applied Mechanics and Materials, 0, 660, 644-648.	0.2	1
20	Thin Layer Modeling of Grated Coconut Drying. Applied Mechanics and Materials, 0, 660, 367-372.	0.2	1
21	Feasibility study on pliant media drying using fluidized bed dryer. IOP Conference Series: Materials Science and Engineering, 2015, 88, 012071.	0.6	1
22	2nd International Conference on Computational Fluid Dynamics in Research and Industry (CFDRI 2017). IOP Conference Series: Materials Science and Engineering, 2017, 243, 011001.	0.6	1
23	Numerical simulation of tangential inlet configuration for plenum chambers. IOP Conference Series: Materials Science and Engineering, 2017, 243, 012039.	0.6	1
24	Drying Characteristics of Several Agricultural Product: Effect of Drying Temperature. Applied Mechanics and Materials, 0, 465-466, 472-479.	0.2	0
25	Numerical simulation of cross-flow in a bank of tubes with three rows in the subcritical region of Reynolds. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012045.	0.6	0
26	Hydrodynamic Characteristics of Flow around Tube Bank with Integral Wake Splitter. Applied Mechanics and Materials, 2014, 660, 649-653.	0.2	0
27	Flow characteristics of 3-D turning diffuser using particle image velocimetry. AIP Conference Proceedings, 2017, , .	0.4	0
28	Characterization of Bottom and Fly Ashes Generated Co-incineration of Biomass with Automotive Shredder Residue. MATEC Web of Conferences, 2017, 135, 00009.	0.2	0
29	Improvement of Solid-Gas Interaction in Fluidized Bed Systems via Secondary Air- Injection. MATEC Web of Conferences, 2017, 135, 00014.	0.2	0
30	Spray and Combustion Characteristics of a Novel Multi-circular Jet Plate in Air-assisted Atomizer. MATEC Web of Conferences, 2017, 135, 00010.	0.2	0
31	Emission studies from combustion of empty fruit bunch pellets in a fluidized bed combustor. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012003.	0.6	0