

# Abanti Sahoo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5080487/publications.pdf>

Version: 2024-02-01

13  
papers

147  
citations

1478505

6  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile approach to develop durable and reusable superhydrophobic/superoleophilic coatings for steel mesh surfaces. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 50-57.	9.4	78
2	Gasifier performance and energy analysis for fluidized bed gasification of sugarcane bagasse. <i>Energy</i> , 2015, 90, 1420-1425.	8.8	18
3	A Comparative Study on Effect of Different Parameters of CFD Modeling for Gas-Solid Fluidized Bed. <i>Particulate Science and Technology</i> , 2015, 33, 273-289.	2.1	12
4	ANN modeling for diffusivity of mushroom and vegetables using a fluidized bed dryer. <i>Particuology</i> , 2013, 11, 607-613.	3.6	11
5	Fluidization and Spouting of Fine Particles: A Comparison. <i>Advances in Materials Science and Engineering</i> , 2013, 2013, 1-7.	1.8	11
6	Bed expansion and fluctuation in cylindrical gas solid fluidized beds with stirred promoters. <i>Advanced Powder Technology</i> , 2011, 22, 753-760.	4.1	9
7	Effect of Parameters on Treatment of Industrial Effluents Using Inverse Fluidized Bed Bioreactor: Statistical Analysis. <i>Particulate Science and Technology</i> , 2014, 32, 151-157.	2.1	5
8	Mathematical model for mixing index in gas-solid fluidized bed: an analysis. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2010, 5, 674-680.	1.5	1
9	Computational study for the hydrodynamics of fluidized bed biomass gasifier. , 2013, , .		1
10	Computational and experimental studies on bed dynamics of a gas-solid fluidized bed using Geldart-A particle: A comparison. <i>Particulate Science and Technology</i> , 2017, 35, 688-698.	2.1	1
11	Nano particle fluidization with the application of external force and vis-vis comparison against fine particle fluidization. , 2013, , .		0
12	Synthesis and characterization of layered perovskite cathode materials for SOFC application. <i>International Journal of Materials Research</i> , 2019, 110, 1168-1172.	0.3	0
13	The modelling of fluidized bed dryer for spherical and non spherical particles. <i>Korean Journal of Chemical Engineering</i> , 0, , 1.	2.7	0