

# Vipin Shrivastava

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3244942/publications.pdf>

Version: 2024-02-01

14  
papers

381  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in greenhouse solar drying: A review. Renewable and Sustainable Energy Reviews, 2018, 82, 3250-3262.	16.4	96
2	Embodied energy analysis of the indirect solar drying unit. International Journal of Ambient Energy, 2017, 38, 280-285.	2.5	44
3	Numerical simulation and CFD-based correlations for artificially roughened solar air heater. Materials Today: Proceedings, 2021, 47, 2685-2693.	1.8	31
4	Enhanced solar thermal air heater: A numerical investigation. Materials Today: Proceedings, 2021, 47, 2777-2783.	1.8	29
5	CFD-Based Correlation Development for Artificially Roughened Solar Air Heater. Lecture Notes in Mechanical Engineering, 2021, , 217-226.	0.4	28
6	Comparative Study of the Performance of Double-Pass and Single-Pass Solar Air Heater with Thermal Storage. Lecture Notes in Mechanical Engineering, 2021, , 227-237.	0.4	28
7	Experimental investigation of performance and emission characteristics of diesel engine using Jatropa biodiesel with alumina nanoparticles. International Journal of Green Energy, 2018, 15, 136-143.	3.8	27
8	CFD simulation on thermo-hydraulic characteristics of a circular tube having twisted tape inserts. Materials Today: Proceedings, 2021, 47, 2790-2795.	1.8	22
9	Experimental investigation on the comparison of fenugreek drying in an indirect solar dryer and under open sun. Heat and Mass Transfer, 2016, 52, 1963-1972.	2.1	21
10	A theoretical parametric analysis to optimize the bed depth of packed bed solar air collector. International Journal of Green Energy, 2022, 19, 775-785.	3.8	18
11	Thermal Performance Assessment of Greenhouse Solar Dryer Operated Under Active Mode. Lecture Notes in Mechanical Engineering, 2022, , 75-82.	0.4	17
12	3-dimensional CFD simulation and correlation development for circular tube equipped with twisted tape. Materials Today: Proceedings, 2021, 47, 2662-2668.	1.8	13
13	KINETICS OF FENUGREEK DRYING IN AN INDIRECT SOLAR DRYER. Heat Transfer Research, 2017, 48, 787-797.	1.6	5
14	Historical Trends and Recent Developments in Solar Greenhouse Dryer Operated Under Active Mode: A Review. Indian Journal of Science and Technology, 2017, 10, 1-16.	0.7	2