

# Chowdhury Jubayer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3795941/publications.pdf>

Version: 2024-02-01

11  
papers

462  
citations

933447

10  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of wind effects on a stand-alone ground mounted photovoltaic (PV) system. Journal of Wind Engineering and Industrial Aerodynamics, 2014, 134, 56-64.	3.9	88
2	Numerical modelling of forced convective heat transfer from the inclined windward roof of an isolated low-rise building with application to photovoltaic/thermal systems. Applied Thermal Engineering, 2011, 31, 1950-1963.	6.0	82
3	A numerical approach to the investigation of wind loading on an array of ground mounted solar photovoltaic (PV) panels. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 153, 60-70.	3.9	63
4	Novel techniques in wind engineering. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 171, 12-33.	3.9	47
5	CFD analysis of convective heat transfer from ground mounted solar panels. Solar Energy, 2016, 133, 556-566.	6.1	42
6	Flow field dynamics of large-scale experimentally produced downburst flows. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 188, 61-79.	3.9	33
7	Effect of incident flow conditions on convective heat transfer from the inclined windward roof of a low-rise building with application to photovoltaic-thermal systems. Journal of Wind Engineering and Industrial Aerodynamics, 2012, 104-106, 428-438.	3.9	28
8	A hybrid approach for evaluating wind flow over a complex terrain. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 175, 65-76.	3.9	28
9	Three-dimensional, non-stationary and non-Gaussian (3D-NS-NG) wind fields and their implications to wind-structure interaction problems. Journal of Fluids and Structures, 2019, 91, 102583.	3.4	26
10	Combined effects of wind and atmospheric icing on overhead transmission lines. Journal of Wind Engineering and Industrial Aerodynamics, 2020, 204, 104271.	3.9	22
11	Numerical Simulations of Wind Effects on an Array of Ground Mounted Solar Panels. , 2014, , .		1