

# Jã°lio Cã©sar Passos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1399945/publications.pdf>

Version: 2024-02-01

13  
papers

112  
citations

1478505

6  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rewetting and boiling in jet impingement on high temperature steel surface. Physics of Fluids, 2018, 30, .	4.0	23
2	Influence of atmospheric stability on wind farm performance in complex terrain. Applied Energy, 2021, 282, 116149.	10.1	17
3	Nucleate boiling of water using nanostructured surfaces. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2014, 36, 181-192.	1.6	16
4	The variability of wind resources in complex terrain and its relationship with atmospheric stability. Energy Conversion and Management, 2020, 222, 113249.	9.2	15
5	Nucleate Boiling of Pentane in Horizontal Confined Space. Heat Transfer Engineering, 2013, 34, 470-478.	1.9	10
6	Flow Boiling Heat Transfer Characteristics of R600a in Multiport Minichannel. Heat Transfer Engineering, 2017, 38, 323-331.	1.9	7
7	Heat Transfer Coefficient Correlation for Convective Boiling Inside Plain and Microfin Tubes Using Genetic Algorithms. Heat Transfer Engineering, 2009, 30, 316-323.	1.9	6
8	Photovoltaic Cell Cooling as a Facilitator for MPPT. IEEE Latin America Transactions, 2019, 17, 1569-1577.	1.6	5
9	Impact of atmospheric stability, wake effect and topography on power production at complex-terrain wind farm. Energy, 2022, 239, 122211.	8.8	5
10	Experimental investigation of heat transfer characteristics during water jet impingement cooling of a high-temperature steel surface. Ironmaking and Steelmaking, 2021, 48, 819-832.	2.1	4
11	MPPT method based on temperature control of the photovoltaic cells. , 2016, , .		2
12	Generalized Non-dimensional Wind and Temperature Gradients in the Surface Layer. Boundary-Layer Meteorology, 2020, 175, 441-451.	2.3	1
13	Wind measurements using a LIDAR on a buoy. Revista Brasileira De Recursos Hidricos, 0, 25, , .	0.5	1