

# Julien Colin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11739226/publications.pdf>

Version: 2024-02-01

11  
papers

140  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	DEM modelling for flow of cohesive lignocellulosic biomass powders: Model calibration using bulk tests. <i>Advanced Powder Technology</i> , 2019, 30, 732-750.	4.1	40
2	Effect of torrefaction intensity on the flow properties of lignocellulosic biomass powders. <i>Biomass and Bioenergy</i> , 2019, 120, 301-312.	5.7	21
3	On the importance of heat and mass transfer coupling for the characterization of hygroscopic insulation materials. <i>International Journal of Heat and Mass Transfer</i> , 2019, 133, 968-975.	4.8	18
4	Potential of DEM for investigation of non-consolidated flow of cohesive and elongated biomass particles. <i>Advanced Powder Technology</i> , 2020, 31, 1500-1515.	4.1	18
5	A Critical Review of Current Imaging Techniques to Investigate Water Transfers in Wood and Biosourced Materials. <i>Transport in Porous Media</i> , 2021, 137, 21-61.	2.6	13
6	In-situ monitoring of wine volume, barrel mass, ullage pressure and dissolved oxygen for a better understanding of wine-barrel-cellar interactions. <i>Journal of Food Engineering</i> , 2021, 291, 110233.	5.2	10
7	A validated Distributed Activation Energy Model (DAEM) to predict the chemical degradation of biomass as a function of hydrothermal treatment conditions. <i>Bioresource Technology</i> , 2021, 341, 125831.	9.6	9
8	Flowability characterization of torrefied biomass powders: Static and dynamic testing. <i>Biomass and Bioenergy</i> , 2020, 138, 105608.	5.7	6
9	Flowability of lignocellulosic biomass powders: influence of torrefaction intensity. <i>EPJ Web of Conferences</i> , 2017, 140, 13017.	0.3	3
10	Reduction of biomass resilience by torrefaction: apparent stiffness during failure (ASF) and specific failure energy (SFE) assessed by a custom impact device. <i>Holzforschung</i> , 2017, 71, 863-872.	1.9	2
11	Inverse analysis of oxygen diffusivity in oak wood using the back-face method: application to cooperage. <i>Wood Science and Technology</i> , 2022, 56, 219-239.	3.2	0