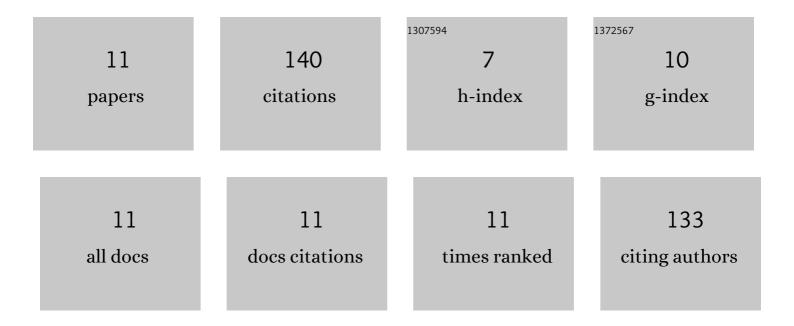
Julien Colin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11739226/publications.pdf Version: 2024-02-01



LULIEN COLIN

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