Yafang Yin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8095505/publications.pdf

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11	546	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Steam Treatment on the Properties of Wood Cell Walls. Biomacromolecules, 2011, 12, 194-202.	5.4	139
2	Changes of wood cell walls in response to hygro-mechanical steam treatment. Carbohydrate Polymers, 2015, 115, 207-214.	10.2	99
3	Effect of compression combined with steam treatment on the porosity, chemical compositon and cellulose crystalline structure of wood cell walls. Carbohydrate Polymers, 2017, 155, 163-172.	10.2	74
4	Comparison of changes in micropores and mesopores in the wood cell walls of sapwood and heartwood. Wood Science and Technology, 2015, 49, 987-1001.	3.2	73
5	Changes in the properties of wood cell walls during the transformation from sapwood to heartwood. Journal of Materials Science, 2014, 49, 1734-1742.	3.7	49
6	Even Visually Intact Cell Walls in Waterlogged Archaeological Wood Are Chemically Deteriorated and Mechanically Fragile: A Case of a 170 Year-Old Shipwreck. Molecules, 2020, 25, 1113.	3.8	34
7	Deterioration of the cell wall in waterlogged wooden archeological artifacts, 2400 years old. IAWA Journal, 2019, 40, 820-844.	2.7	30
8	Influence of Microfibril angle on within-tree variations in the Mechanical properties of chinese fir (Cunninghamia Lanceolata). IAWA Journal, 2011, 32, 431-442.	2.7	15
9	Characterisation of waterlogged archaeological wood from Nanhai No. 1 shipwreck by multidisciplinary diagnostic methods. Journal of Cultural Heritage, 2022, 56, 25-35.	3.3	14
10	Evaluation of PEG and sugars consolidated fragile waterlogged archaeological wood using nanoindentation and ATR-FTIR imaging. International Biodeterioration and Biodegradation, 2022, 170, 105390.	3.9	12
11	Variation of Microfibril Angle in Plantation trees of Cunninghamia Lanceolata Determined by pit Apertures and X-Ray Diffraction. IAWA Journal, 2011, 32, 77-87.	2.7	7