

Yafang Yin

List of Publications by Year in descending order

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11
papers

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citations

933447

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1281871

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484
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#	ARTICLE	IF	CITATIONS
1	Evaluation of PEG and sugars consolidated fragile waterlogged archaeological wood using nanoindentation and ATR-FTIR imaging. <i>International Biodeterioration and Biodegradation</i> , 2022, 170, 105390.	3.9	12
2	Characterisation of waterlogged archaeological wood from Nanhai No. 1 shipwreck by multidisciplinary diagnostic methods. <i>Journal of Cultural Heritage</i> , 2022, 56, 25-35.	3.3	14
3	Even Visually Intact Cell Walls in Waterlogged Archaeological Wood Are Chemically Deteriorated and Mechanically Fragile: A Case of a 170 Year-Old Shipwreck. <i>Molecules</i> , 2020, 25, 1113.	3.8	34
4	Deterioration of the cell wall in waterlogged wooden archeological artifacts, 2400 years old. <i>IAWA Journal</i> , 2019, 40, 820-844.	2.7	30
5	Effect of compression combined with steam treatment on the porosity, chemical composition and cellulose crystalline structure of wood cell walls. <i>Carbohydrate Polymers</i> , 2017, 155, 163-172.	10.2	74
6	Comparison of changes in micropores and mesopores in the wood cell walls of sapwood and heartwood. <i>Wood Science and Technology</i> , 2015, 49, 987-1001.	3.2	73
7	Changes of wood cell walls in response to hygro-mechanical steam treatment. <i>Carbohydrate Polymers</i> , 2015, 115, 207-214.	10.2	99
8	Changes in the properties of wood cell walls during the transformation from sapwood to heartwood. <i>Journal of Materials Science</i> , 2014, 49, 1734-1742.	3.7	49
9	Effect of Steam Treatment on the Properties of Wood Cell Walls. <i>Biomacromolecules</i> , 2011, 12, 194-202.	5.4	139
10	Variation of Microfibril Angle in Plantation trees of <i>Cunninghamia Lanceolata</i> Determined by pit Apertures and X-Ray Diffraction. <i>IAWA Journal</i> , 2011, 32, 77-87.	2.7	7
11	Influence of Microfibril angle on within-tree variations in the Mechanical properties of chinese fir (<i>Cunninghamia Lanceolata</i>). <i>IAWA Journal</i> , 2011, 32, 431-442.	2.7	15