

Hiroki Sakagami

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

119
citations

1307594

7
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Shrinkage of Tracheid Cells With Desorption Visualized by Confocal Laser Scanning Microscopy. IAWA Journal, 2007, 28, 29-37.	2.7	24
2	Observation of Electrochemical Reaction and Biological Specimen by Novel Analytical Technique Combined with Room-Temperature Ionic Liquid and Scanning Electron Microscope. Electrochemistry, 2012, 80, 308-311.	1.4	21
3	In situ visualization of hardwood microcracks occurring during drying. Journal of Wood Science, 2009, 55, 323-328.	1.9	16
4	Effects of High-Temperature and Low-Humidity Pretreatment on the Drying Properties of Sugi Boxed-Heart Timber with Black-Colored Heartwood. Drying Technology, 2012, 30, 780-786.	3.1	14
5	A Study of Vacuum-Drying Characteristics of Sugi Boxed-Heart Timber. Drying Technology, 2013, 31, 587-594.	3.1	13
6	Microcracks Occurring During Drying Visualized by Confocal Laser Scanning Microscopy. IAWA Journal, 2009, 30, 179-187.	2.7	12
7	Dependence of Microcrack Behavior in Wood on Moisture Content during Drying. Advances in Materials Science and Engineering, 2013, 2013, 1-7.	1.8	8
8	The effects of drying temperatures on preservative retention and penetration of some Malaysian fast-growing species timbers. Drying Technology, 2021, 39, 566-575.	3.1	3
9	Microcrack Propagation in Red and Black Heartwoods of Cryptomeria japonica During Drying. BioResources, 2013, 8, .	1.0	3
10	Microcrack propagation in transverse surface from heartwood to sapwood during drying. Journal of Wood Science, 2019, 65, .	1.9	2
11	Change in the surface roughness and surface free energy of Samama (<i>Anthocephalus Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Adhesion Science and Technology, 2022, 36, 654-665.	2.6	2
12	Creep behaviour of Japanese cypress timber under various hygrothermal conditions. Wood Material Science and Engineering, 0, , 1-9.	2.3	1
13	<i>In situ</i> visualization of microcracks by a confocal laser scanning microscopy system. Wood Material Science and Engineering, 2010, 5, 110-115.	2.3	0
14	Within-stem Variation of Wood Properties in Bud-pruned <i>Melia azedarach</i>. Mokuzaï Gakkai Shi, 2021, 67, 197-207.	0.2	0
15	Bark Recovery of <i>Enkianthus campanulatus</i> Stripped by Sika Deer, Growing in Colony in Uminokuchi Shizengo, Yatsugatake Kogen. Mokuzaï Gakkai Shi, 2021, 67, 188-196.	0.2	0
16	Stem Volume Estimation of Sendan (<i>Melia azedarach</i> Linn.) Stand Subjected to Bud Pruning. Journal of the Japanese Forest Society, 2022, 104, 65-73.	0.2	0