

Martin Bohm

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

582
citations

759233

12
h-index

642732

23
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51
all docs

51
docs citations

51
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Formaldehyde emission monitoring from a variety of solid wood, plywood, blockboard and flooring products manufactured for building and furnishing materials. <i>Journal of Hazardous Materials</i> , 2012, 221-222, 68-79.	12.4	114
2	Understanding of Formaldehyde Emissions from Solid Wood: An Overview. <i>BioResources</i> , 2013, 8, .	1.0	57
3	Evaluation of formaldehyde emission from different types of wood-based panels and flooring materials using different standard test methods. <i>Building and Environment</i> , 2012, 49, 86-96.	6.9	52
4	Effect of wheat husk surface pre-treatment on the properties of husk-based composite materials. <i>Industrial Crops and Products</i> , 2018, 125, 105-113.	5.2	43
5	Plants-derived bioactives: Novel utilization as antimicrobial, antioxidant and phyto-reducing agents for the biosynthesis of metallic nanoparticles. <i>Microbial Pathogenesis</i> , 2021, 158, 105107.	2.9	31
6	Eucalyptus camaldulensis, Citrus aurantium, and Citrus sinensis Essential Oils as Antifungal Activity against <i>Aspergillus flavus</i> , <i>Aspergillus niger</i> , <i>Aspergillus terreus</i> , and <i>Fusarium culmorum</i> . <i>Processes</i> , 2020, 8, 1003.	2.8	25
7	Effect of some manufacturing variables on formaldehyde release from particleboard: Relationship between different test methods. <i>Building and Environment</i> , 2011, 46, 1946-1953.	6.9	22
8	Formaldehyde Emission from Wood-Based Panels Bonded with Different Formaldehyde-Based Resins. <i>Drvna Industrija</i> , 2011, 62, 177-183.	0.6	18
9	Evaluation of the Mechanical, Physical, and Anti-Fungal Properties of Flax Laboratory Papersheets with the Nanoparticles Treatment. <i>Materials</i> , 2020, 13, 363.	2.9	18
10	Sustainable composite material based on surface-modified rape straw and environment-friendly adhesive. <i>Construction and Building Materials</i> , 2021, 300, 124036.	7.2	17
11	Tuning the Adhesive Properties of Soy Protein Wood Adhesives with Different Coadjutant Polymers, Nanocellulose and Lignin. <i>Polymers</i> , 2021, 13, 1972.	4.5	16
12	Influence of Moisture Content on the Bond Strength and Water Resistance of Bonded Wood Joints. <i>BioResources</i> , 2014, 9, .	1.0	14
13	Norway Spruce (<i>Picea abies</i> [L.] Karst.) as a Bioresource: Evaluation of Solid Wood, Particleboard, and MDF Technological Properties and Formaldehyde Emission. <i>BioResources</i> , 2012, 8, .	1.0	13
14	Environmental Consequences of Rubber Crumb Application: Soil and Water Pollution. <i>Polymers</i> , 2022, 14, 1416.	4.5	13
15	GC/MS Analysis of Oil Extractives from Wood and Bark of <i>Pinus sylvestris</i> , <i>Abies alba</i> , <i>Picea abies</i> , and <i>Larix decidua</i> . <i>BioResources</i> , 2015, 10, .	1.0	10
16	Optimal Processing of Flax and Hemp Fibre Nonwovens. <i>BioResources</i> , 2016, 11, .	1.0	10
17	WATER PERMEABILITY OF EXTERIOR WOOD COATINGS: WATERBORNE ACRYLATE DISPERSIONS FOR WINDOWS. <i>Journal of Green Building</i> , 2018, 13, 1-16.	0.8	10
18	Influence of Using Recycled Polyurethane Particles as a Filler on Properties of Polyurethane Adhesives for Gluing of Wood. <i>BioResources</i> , 2018, 13, .	1.0	9

#	ARTICLE	IF	CITATIONS
19	Multi-Domain Time-Sensitive Networks - An East-Westbound Protocol for Dynamic TSN-Stream Configuration Across Domains. , 2019, , .		8
20	Influence of Temperature on the Strength of Bonded Joints. BioResources, 2015, 10, .	1.0	6
21	Comparison of Non-Destructive Methods Based on Natural Frequency for Determining the Modulus of Elasticity of Cupressus lusitanica and Populus x canadensis. BioResources, 2016, 12, .	1.0	6
22	Determination of Strength Characteristics of Construction Timber Strengthened with Carbon and Glass Fibre Composite Using a Destructive Method. BioResources, 2015, 10, .	1.0	6
23	Application of frankincense and rice starch as eco-friendly substances for the resizing of paper as a conservation practice. BioResources, 2021, 16, 7180-7204.	1.0	6
24	Strength Characteristics of OSB in Bending â€” Difference between Upper and Lower Panel Faces. Drvna Industrija, 2011, , 123-127.	0.6	5
25	Inter-laboratory comparison of formaldehyde emission from particleboard using ASTM D 6007-02 method. European Journal of Wood and Wood Products, 2012, 70, 621-628.	2.9	5
26	Effect of artificial weathering and temperature cycling on the performance of coating systems used for wooden windows. Journal of Coatings Technology Research, 2018, 15, 851-865.	2.5	5
27	Mutual interactions of fungi and molds , on woods treated with a caffeine solution: A preliminary study. , 2020, , .		5
28	Chemical and Physical Parameters of Different Modifications of Rape Straw (Brassica napus L.). BioResources, 2017, 13, .	1.0	4
29	Measuring the Formaldehyde Content from Different Types of Oriented Strand Board Manufactured with Different Thicknesses and Glued with Different Resins. Drvna Industrija, 2017, 68, 173-178.	0.6	4
30	Multi-Domain Time-Sensitive Networksâ€”Control Plane Mechanisms for Dynamic Inter-Domain Stream Configuration. Electronics (Switzerland), 2021, 10, 2477.	3.1	4
31	The Effects of Iron Rust on the Ageing of Woods and Their Derived Pulp Paper. Polymers, 2021, 13, 3483.	4.5	3
32	X-ray computed tomography (CT) and ESEM-EDS investigations of unusual subfossilized juniper cones. Scientific Reports, 2021, 11, 22308.	3.3	3
33	Ecotoxicity and Biodegradation of Sustainable Environment-Friendly Bone-Glue-Based Adhesive Suitable for Insulation Materials. Polymers, 2022, 14, 2209.	4.5	3
34	Evaluation of Mechanical Properties and Formaldehyde Emission of Plywood Manufactured for Construction Applications. Drvna Industrija, 2013, 64, 87-93.	0.6	2
35	Some Physico-mechanical Characteristics of Uncoated OSB ECO-products Made from Scots Pine (Pinus Tj ETQq1 1.0.784314 rgBT /Ove	1.0	2
36	Bending characteristics of fiber-reinforced composite with plywood balsa core. AIP Conference Proceedings, 2019, , .	0.4	2

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37	Microstructure Formation of Cement Mortars Modified by Superabsorbent Polymers. <i>Polymers</i> , 2021, 13, 3584.	4.5	2
38	Air Permeation Rate of Oriented Strand Boards (OSB/3 and OSB/4). <i>BioResources</i> , 2014, 10, .	1.0	1
39	Methylated Fatty Acids from Heartwood and Bark of <i>Pinus sylvestris</i> , <i>Abies alba</i> , <i>Picea abies</i> , and <i>Larix decidua</i> : Effect of Strong Acid Treatment. <i>BioResources</i> , 2015, 10, .	1.0	1
40	Microscopic analysis of composite boards made from rapeseed straw particles. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
41	Synergistic Effects of Impregnation Agents Used in Plywood Production Relative to the Shear Strength of Bonded Joints. <i>BioResources</i> , 2018, 13, .	1.0	1
42	Influence of Selected Factors on the Sawing Capacity of Sawmills in the Czech Republic. <i>Scientia Agriculturae Bohemica</i> , 2016, 47, 174-180.	0.3	1
43	Evaluation of parameters influencing the withdrawal strength of oak and beech dowels. <i>BioResources</i> , 2020, 15, 1665-1677.	1.0	1
44	Effects of Secondary Porosity on Microstructure and Mechanical Properties of SAP-Containing Lime-Based Plasters. <i>Polymers</i> , 2022, 14, 1162.	4.5	1
45	Application of paints to decrease air permeability of oriented strand boards. <i>Maderas: Ciencia Y Tecnologia</i> , 2019, , 0-0.	0.7	0
46	Basic physical and electrical properties of geopolymers with graphite powder. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
47	The influence of zeolite on the sorption ability of concrete. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
48	Composite material based on rape straw and environmentally friendly adhesive. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
49	Determination of the Bending Moment of a Dowel and Tenon Joint on Window Profile IV 92 of a Wooden Window. <i>BioResources</i> , 2017, 12, .	1.0	0
50	Influence of Untreated Metal Waste from 3D Printing on Electrical Properties of Alkali-Activated Slag Mortars. <i>Energies</i> , 2021, 14, 8178.	3.1	0