

Vlastimil Borůvka

List of Publications by Year in descending order

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28
papers

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1163117

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218
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#	ARTICLE	IF	CITATIONS
1	Is European larch (<i>Larix decidua</i> Mill.) a suitable substitute for Norway spruce (<i>Picea abies</i> (L.) Karst.) for agricultural land afforestation?. <i>Forest Ecology and Management</i> , 2022, 517, 120257.	3.2	8
2	Impact of shelterwood regeneration method on mechanical properties of scots pine wood. <i>Trees - Structure and Function</i> , 2021, 35, 1185-1198.	1.9	0
3	Caffeine – Perspective natural biocide for wood protection against decaying fungi and termites. <i>Journal of Cleaner Production</i> , 2021, 304, 127110.	9.3	19
4	Haptic and Aesthetic Properties of Heat-Treated Modified Birch Wood. <i>Forests</i> , 2021, 12, 1081.	2.1	5
5	Efficacy of Caffeine Treatment for Wood Protection – Influence of Wood and Fungi Species. <i>Polymers</i> , 2021, 13, 3758.	4.5	8
6	Effect of Shelterwood and Clear-Cutting Regeneration Method on Wood Density of Scots Pine. <i>Forests</i> , 2020, 11, 868.	2.1	9
7	Comparison and Analysis of Radial and Tangential Bending of Softwood and Hardwood at Static and Dynamic Loading. <i>Forests</i> , 2020, 11, 896.	2.1	16
8	Numerical and experimental investigation on the elastic stiffness of glued dovetail joints. <i>Construction and Building Materials</i> , 2020, 263, 120613.	7.2	10
9	Influence of Site Conditions and Quality of Birch Wood on Its Properties and Utilization after Heat Treatment. Part II – Surface Properties and Marketing Evaluation of the Effect of the Treatment on Final Usage of Such Wood. <i>Forests</i> , 2020, 11, 556.	2.1	9
10	Influence of Site Conditions and Quality of Birch Wood on Its Properties and Utilization after Heat Treatment. Part I – Elastic and Strength Properties, Relationship to Water and Dimensional Stability. <i>Forests</i> , 2019, 10, 189.	2.1	15
11	The Effect of Selected Factors on Domino Joint Stiffness. <i>BioResources</i> , 2018, 13, .	1.0	3
12	Shrinkage of Scots pine wood as an effect of different tree growth rates, a comparison of regeneration methods. <i>Journal of Forest Science</i> , 2018, 64, 271-278.	1.1	7
13	Comparison of Wood Quality of Douglas Fir and Spruce from Afforested Agricultural Land and Permanent Forest Land in the Czech Republic. <i>Forests</i> , 2018, 9, 13.	2.1	17
14	Elastic and Strength Properties of Heat-Treated Beech and Birch Wood. <i>Forests</i> , 2018, 9, 197.	2.1	29
15	Influence of site conditions and silvicultural practice on the wood density of Scots pine (<i>Pinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 457-462.	1.1	7
16	Effect of wood species, adhesive type, and annual ring directions on the stiffness of rail to leg mortise and tenon furniture joints. <i>BioResources</i> , 2017, 12, 7016-7031.	1.0	9
17	Determination of Correlation between Destructive and Nondestructive Test Methods Applied on Modified Wood Exposed to Natural Weathering. <i>BioResources</i> , 2016, 11, .	1.0	12
18	Measuring the Modulus of Elasticity of Thermally Treated Spruce Wood using the Ultrasound and Resonance Methods. <i>BioResources</i> , 2016, 12, .	1.0	6

#	ARTICLE	IF	CITATIONS
19	Effects of Geometric Parameters of Structural Elements on Joint Stiffness. BioResources, 2016, 12, .	1.0	0
20	Wood Density of Northern Red Oak and Pedunculate Oak Grown in Former Brown Coal Mine in the Czech Republic. BioResources, 2016, 11, .	1.0	8
21	Impact Bending Strength as a Function of Selected Factors. BioResources, 2016, 11, .	1.0	3
22	Stiffness Coefficients of Mortise and Tenon Joints used on Wooden Window Profiles. BioResources, 2016, 11, .	1.0	0
23	Dimensional Changes of Veneer Layered Materials after Cold Pressing. BioResources, 2015, 10, .	1.0	0
24	Simulating Stresses Associated with the Bending of Wood Using a Finite Element Method. BioResources, 2015, 10, .	1.0	6
25	Stress simulation in layered wood-based materials under mechanical loading. Materials and Design, 2015, 87, 1065-1071.	7.0	16
26	Comparison of Stiffness and Strength Properties of Untreated and Heat-Treated Wood of Douglas Fir and Alder. BioResources, 2015, 10, .	1.0	4
27	Impact of Thermal Modification of Spruce Wood on Screw Direct Withdrawal Load Resistance. BioResources, 2014, 10, .	1.0	7
28	Mechanical Properties of Grand Fir Wood Grown in the Czech Republic in Vertical and Horizontal Positions. BioResources, 2014, 10, .	1.0	5