Dorota Dziurka

List of Publications by Year
in descending order

47	488	623734 14	752698 20
papers	citations	h-index	g-index

48	48	48	329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sound absorption of wood-based materials. Holzforschung, 2015, 69, 431-439.	1.9	37
2	Construction particleboards made from rapeseed straw glued with hybrid pMDI/PF resin. European Journal of Wood and Wood Products, 2017, 75, 175-184.	2.9	35
3	The Application of Oak Bark Powder as a Filler for Melamine-Urea-Formaldehyde Adhesive in Plywood Manufacturing. Forests, 2020, 11, 1249.	2.1	32
4	Experimental study of wood acoustic absorption characteristics. Holzforschung, 2014, 68, 467-476.	1.9	27
5	The reduction of adhesive application in plywood manufacturing by using nanocelluloseâ€reinforced ureaâ€formaldehyde resin. Journal of Applied Polymer Science, 2021, 138, 49834.	2.6	22
6	Potential of shortening pressing time or reducing pressing temperature for plywood resinated with PF resin modified usingÂalcohols and esters. European Journal of Wood and Wood Products, 2011, 69, 317-323.	2.9	20
7	Hemp flour as a formaldehyde scavenger for melamine-urea-formaldehyde adhesive in plywood production. BioResources, 2020, 15, 4052-4064.	1.0	20
8	The effect of nanocellulose addition to phenol-formaldehyde adhesive in water-resistant plywood manufacturing. BioResources, 2020, 15, 5388-5401.	1.0	20
9	Properties of Liquid and Polycondensed UF Resin Modified with pMDI. Drvna Industrija, 2014, 65, 115-119.	0.6	19
10	The Usefulness of Pine Timber (Pinus sylvestris L.) for the Production of Structural Elements. Part I: Evaluation of the Quality of the Pine Timber in the Bending Test. Materials, 2020, 13, 3957.	2.9	19
11	Properties of phenolâ€“formaldehyde resin modified with organic acid esters. Journal of Applied Polymer Science, 2008, 107, 3358-3366.	2.6	17
12	The Possibility to Use Long Fibres from Fast Growing Hemp (Cannabis sativa L.) for the Production of Boards for the Building and Furniture Industry. BioResources, 2017, 12, .	1.0	16
13	The Usefulness of Pine Timber (Pinus sylvestris L.) for the Production of Structural Elements. Part II: Strength Properties of Glued Laminated Timber. Materials, 2020, 13, 4029.	2.9	16
14	By-products of sawmill industry as raw materials for manufacture of chip-sawdust boards. Journal of Building Engineering, 2020, 32, 101460.	3.4	16
15	Experimental Research and Numerical Analysis of the Elastic Properties of Paper Cell Cores before and after Impregnation. Materials, 2020, 13, 2058.	2.9	15
16	Properties of Plywood Produced with Urea-Formaldehyde Adhesive Modified with Nanocellulose and Microcellulose. Drvna Industrija, 2020, 71, 61-67.	0.6	15
17	Properties of Particleboards Produced from Various Lignocellulosic Particles. BioResources, 2018, 13, .	1.0	15
18	Strength Properties of Structural Glulam Elements from Pine (Pinus sylvestris L.) Timber Reinforced in the Tensile Zone with Steel and Basalt Rods. Materials, 2021, 14, 2574.	2.9	14

#	Article	IF	Citations
19	Effects of a Chipboard Structure on Its Physical and Mechanical Properties. Materials, 2019, 12, 3777.	2.9	11
20	Effects of Chip Type on the Properties of Chipâ€“Sawdust Boards Glued with Polymeric Diphenyl Methane Diisocyanate. Materials, 2020, 13, 1329.	2.9	11
21	Possibility of using the expanded polystyrene and rape straw to the manufacture of lightweight particleboards. Maderas: Ciencia Y Tecnologia, 2015, , 0-0.	0.7	9
22	Relationships between Thermoplastic Type and Properties of Polymer-Triticale Boards. Polymers, 2019, 11, 1750.	4.5	9
23	The Utilization of Chips from Comminuted Wood Waste as a Substitute for Flakes in the Oriented Strand Board Core. Forest Products Journal, 2011, 61, 473-477.	0.4	8
24	The effect of methods of introducing acrylic emulsions grafted with acetoacetyl groups on the properties of particleboards. Journal of Applied Polymer Science, 2004, 91, 2256-2264.	2.6	5
25	Low-Density Oriented Strand Boards. BioResources, 2015, 10, .	1.0	5
26	Possibility of Using Fine Wood Strands for the Production of P5 Type Building Boards. BioResources, 2018, 13, .	1.0	5
27	Influence of Impregnation with Modified Starch of a Paper Core on Bending of Wood-Based Honeycomb Panels in Changing Climatic Conditions. Materials, 2022, 15, 395.	2.9	5
28	Possibility of Using Accelerated Aging Tests to Assess the Performance of OSBs Exposed to Environmental Conditions. BioResources, 2014, 9, .	1.0	4
29	The Possibility of Replacing Strands in the Core Layer of Oriented Strand Board by Particles from the Stems of Rape (Brassica napus L. var. napus). BioResources, 2016, 11, .	1.0	4
30	Strength Properties of Structural Glulam Manufactured from Pine (Pinus sylvestris L.) Side Boards. Materials, 2021, 14, 7312.	2.9	4
31	Possibility to Use Short Sawn Timber in the Production of Glued Laminated Beams. Materials, 2022, 15, 2992.	2.9	4
32	Lightweight Insulation Boards Based on Lignocellulosic Particles Glued with Agents of Natural Origin. Materials, 2021, 14, 3219.	2.9	3
33	Lightweight boards from wood and rape straw particles. , 2013, 56, 19-31.		3
34	Properties of Oriented Strand Boards with External Layers made of Non-Strand Chips. BioResources, 2016, 11, .	1.0	3
35	The Possibility to Use Pine Timber Pieces with Small Size in the Production of Glulam Beams. Materials, 2022, 15, 3154.	2.9	3
36	GL Beams Reinforced with Plywood in the Outer Layer. Materials, 2022, 15, 3976.	2.9	3

#	Article	IF	Citations
37	The possibility to use a side-timber in glulam beams manufacturing for structural applications. Annals of WULS Forestry and Wood Technology, 2021, 113, 65-73.	0.2	2
38	Dimensional Stability of OSB Panels Subjected to Variable Relative Humidity: Core Layer Made with Fine Wood Chips. BioResources, 2013, 8, .	1.0	2
39	Construction board resistance to accelerated aging. BioResources, 2020, 15, 2680-2690.	1.0	2
40	The Effect of Periodic Loading of Glued Laminated Beams on Their Static Bending Strength. Materials, 2022, 15, 3928.	2.9	2
41	A Qualitative Analysis of Sawn Timber Obtained from Various Sites Throughout Poland in the Aspect of Polish and European Standards of Quality. Forests, 2020, 11, 713.	2.1	1
42	The Influence of Microfungi on Physicomechanical Properties of Particleboards. BioResources, 2014, 9, .	1.0	1
43	Influence of the Structure of Lattice Beams on Their Strength Properties. Materials, 2021, 14, 5765.	2.9	1
44	Dimensional stability of oriented strand boards with external layers made of non-strand chips: Changes in board length. BioResources, 2017, 12, 7107-7117.	1.0	1
45	The Effect of Residual Swelling after Drying on Internal Bond in OSB. Drvna Industrija, 2012, 63, 241-247.	0.6	0
46	The effect of phenol-formaldehyde adhesive modification with fire retardant on the properties of birch plywood. Annals of WULS Forestry and Wood Technology, 2019, 106, 197-113.	0.2	0
47	The possible reduction of phenol-formaldehyde resin spread rate by its nanocellulose-reinforcement in plywood manufacturing process. Annals of WULS Forestry and Wood Technology, 2020, 111, 21-26.	0.2	0