

Radosław Mirski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Properties of Eco-Friendly Particleboards Bonded with Lignosulfonate-Urea-Formaldehyde Adhesives and pMDI as a Crosslinker. <i>Materials</i> , 2021, 14, 4875.	1.3	50
2	Sound absorption of wood-based materials. <i>Holzforschung</i> , 2015, 69, 431-439.	0.9	37
3	Construction particleboards made from rapeseed straw glued with hybrid pMDI/PF resin. <i>European Journal of Wood and Wood Products</i> , 2017, 75, 175-184.	1.3	35
4	The Application of Oak Bark Powder as a Filler for Melamine-Urea-Formaldehyde Adhesive in Plywood Manufacturing. <i>Forests</i> , 2020, 11, 1249.	0.9	32
5	Experimental study of wood acoustic absorption characteristics. <i>Holzforschung</i> , 2014, 68, 467-476.	0.9	27
6	The reduction of adhesive application in plywood manufacturing by using nanocellulose reinforced urea formaldehyde resin. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49834.	1.3	22
7	Potential of shortening pressing time or reducing pressing temperature for plywood resinated with PF resin modified using Alcohols and esters. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 317-323.	1.3	20
8	Hemp flour as a formaldehyde scavenger for melamine-urea-formaldehyde adhesive in plywood production. <i>BioResources</i> , 2020, 15, 4052-4064.	0.5	20
9	The effect of nanocellulose addition to phenol-formaldehyde adhesive in water-resistant plywood manufacturing. <i>BioResources</i> , 2020, 15, 5388-5401.	0.5	20
10	Properties of Liquid and Polycondensed UF Resin Modified with pMDI. <i>Drvna Industrija</i> , 2014, 65, 115-119.	0.3	19
11	The Usefulness of Pine Timber (<i>Pinus sylvestris</i> L.) for the Production of Structural Elements. Part I: Evaluation of the Quality of the Pine Timber in the Bending Test. <i>Materials</i> , 2020, 13, 3957.	1.3	19
12	Properties of phenol formaldehyde resin modified with organic acid esters. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3358-3366.	1.3	17
13	The Possibility to Use Long Fibres from Fast Growing Hemp (<i>Cannabis sativa</i> L.) for the Production of Boards for the Building and Furniture Industry. <i>BioResources</i> , 2017, 12, .	0.5	16
14	The Usefulness of Pine Timber (<i>Pinus sylvestris</i> L.) for the Production of Structural Elements. Part II: Strength Properties of Glued Laminated Timber. <i>Materials</i> , 2020, 13, 4029.	1.3	16
15	By-products of sawmill industry as raw materials for manufacture of chip-sawdust boards. <i>Journal of Building Engineering</i> , 2020, 32, 101460.	1.6	16
16	Properties of Plywood Produced with Urea-Formaldehyde Adhesive Modified with Nanocellulose and Microcellulose. <i>Drvna Industrija</i> , 2020, 71, 61-67.	0.3	15
17	Efficiency of Machine Sanding of Wood. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2860.	1.3	15
18	Properties of Particleboards Produced from Various Lignocellulosic Particles. <i>BioResources</i> , 2018, 13, .	0.5	15

#	ARTICLE	IF	CITATIONS
19	Strength Properties of Structural Glulam Elements from Pine (<i>Pinus sylvestris</i> L.) Timber Reinforced in the Tensile Zone with Steel and Basalt Rods. <i>Materials</i> , 2021, 14, 2574.	1.3	14
20	Waste Wood Particles from Primary Wood Processing as a Filler of Insulation PUR Foams. <i>Materials</i> , 2021, 14, 4781.	1.3	14
21	Effects of a Chipboard Structure on Its Physical and Mechanical Properties. <i>Materials</i> , 2019, 12, 3777.	1.3	11
22	Effects of Chip Type on the Properties of Chip-Sawdust Boards Glued with Polymeric Diphenyl Methane Diisocyanate. <i>Materials</i> , 2020, 13, 1329.	1.3	11
23	Possibility of using the expanded polystyrene and rape straw to the manufacture of lightweight particleboards. <i>Maderas: Ciencia Y Tecnología</i> , 2015, , 0-0.	0.7	9
24	Relationships between Thermoplastic Type and Properties of Polymer-Triticale Boards. <i>Polymers</i> , 2019, 11, 1750.	2.0	9
25	The Utilization of Chips from Comminuted Wood Waste as a Substitute for Flakes in the Oriented Strand Board Core. <i>Forest Products Journal</i> , 2011, 61, 473-477.	0.2	8
26	Selected Properties of Formaldehyde-Free Polymer-Straw Boards Made from Different Types of Thermoplastics and Different Kinds of Straw. <i>Materials</i> , 2021, 14, 1216.	1.3	7
27	Low-Density Oriented Strand Boards. <i>BioResources</i> , 2015, 10, .	0.5	5
28	Possibility of Using Fine Wood Strands for the Production of P5 Type Building Boards. <i>BioResources</i> , 2018, 13, .	0.5	5
29	The Strength of Pine (<i>Pinus sylvestris</i> L.) Sawn Timber in Correlation with Selected Wood Defects. <i>Materials</i> , 2022, 15, 3974.	1.3	5
30	Possibility of Using Accelerated Aging Tests to Assess the Performance of OSBs Exposed to Environmental Conditions. <i>BioResources</i> , 2014, 9, .	0.5	4
31	The Possibility of Replacing Strands in the Core Layer of Oriented Strand Board by Particles from the Stems of Rape (<i>Brassica napus</i> L. var. <i>napus</i>). <i>BioResources</i> , 2016, 11, .	0.5	4
32	Pine Logs Sorting as a Function of Bark Thickness. <i>Forests</i> , 2021, 12, 893.	0.9	4
33	Strength Properties of Structural Glulam Manufactured from Pine (<i>Pinus sylvestris</i> L.) Side Boards. <i>Materials</i> , 2021, 14, 7312.	1.3	4
34	Possibility to Use Short Sawn Timber in the Production of Glued Laminated Beams. <i>Materials</i> , 2022, 15, 2992.	1.3	4
35	Lightweight Insulation Boards Based on Lignocellulosic Particles Glued with Agents of Natural Origin. <i>Materials</i> , 2021, 14, 3219.	1.3	3
36	Properties of Oriented Strand Boards with External Layers made of Non-Strand Chips. <i>BioResources</i> , 2016, 11, .	0.5	3

#	ARTICLE	IF	CITATIONS
37	The Possibility to Use Pine Timber Pieces with Small Size in the Production of Glulam Beams. <i>Materials</i> , 2022, 15, 3154.	1.3	3
38	GL Beams Reinforced with Plywood in the Outer Layer. <i>Materials</i> , 2022, 15, 3976.	1.3	3
39	The possibility to use a side-timber in glulam beams manufacturing for structural applications. <i>Annals of WULS Forestry and Wood Technology</i> , 2021, 113, 65-73.	0.0	2
40	Dimensional Stability of OSB Panels Subjected to Variable Relative Humidity: Core Layer Made with Fine Wood Chips. <i>BioResources</i> , 2013, 8, .	0.5	2
41	Construction board resistance to accelerated aging. <i>BioResources</i> , 2020, 15, 2680-2690.	0.5	2
42	The Effect of Periodic Loading of Glued Laminated Beams on Their Static Bending Strength. <i>Materials</i> , 2022, 15, 3928.	1.3	2
43	A Qualitative Analysis of Sawn Timber Obtained from Various Sites Throughout Poland in the Aspect of Polish and European Standards of Quality. <i>Forests</i> , 2020, 11, 713.	0.9	1
44	The Influence of Microfungi on Physicomechanical Properties of Particleboards. <i>BioResources</i> , 2014, 9, .	0.5	1
45	Influence of the Structure of Lattice Beams on Their Strength Properties. <i>Materials</i> , 2021, 14, 5765.	1.3	1
46	Dimensional stability of oriented strand boards with external layers made of non-strand chips: Changes in board length. <i>BioResources</i> , 2017, 12, 7107-7117.	0.5	1
47	The Effect of Residual Swelling after Drying on Internal Bond in OSB. <i>Drvna Industrija</i> , 2012, 63, 241-247.	0.3	0
48	The effect of phenol-formaldehyde adhesive modification with fire retardant on the properties of birch plywood. <i>Annals of WULS Forestry and Wood Technology</i> , 2019, 106, 197-113.	0.0	0
49	Raw material factors affecting the quota of structural wood in sawmill production. <i>Annals of WULS Forestry and Wood Technology</i> , 2019, 107, 124-130.	0.0	0
50	Influence of qualitative and dimensional classification of Pinewood raw material as an efficiency indicator in the production of selected timber assortments. <i>Annals of WULS Forestry and Wood Technology</i> , 2019, 107, 72-79.	0.0	0
51	The possible reduction of phenol-formaldehyde resin spread rate by its nanocellulose-reinforcement in plywood manufacturing process. <i>Annals of WULS Forestry and Wood Technology</i> , 2020, 111, 21-26.	0.0	0
52	Quality and Dimensional Parameters of Large-Sized Pine Timber in View of Expectations of Polish Sawmill Industry. <i>Drvna Industrija</i> , 2022, 73, 335-340.	0.3	0