Richard Kminiak

List of Publications by Year
in descending order

24	227	1040056 9	1058476 14
papers	citations	h-index	g-index

24	24	24	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occupational Exposure to Dust Produced when Milling Thermally Modified Wood. International Journal of Environmental Research and Public Health, 2020, 17, 1478.	2.6	44
2	Methodology of Temperature Monitoring in the Process of CNC Machining of Solid Wood. Sustainability, 2019, 11, 95.	3.2	20
3	Effect of Thermal Treatment of Birch Wood by Saturated Water Vapor on Granulometric Composition of Chips from Sawing and Milling Processes from the Point of View of Its Processing to Composites. Applied Sciences (Switzerland), 2020, 10, 7545.	2.5	16
4	Fine Dust Creation during Hardwood Machine Sanding. Applied Sciences (Switzerland), 2021, 11, 6602.	2.5	16
5	Effect of Number of Saw Blade Teeth on Noise Level and Wear of Blade Edges during Cutting of Wood. BioResources, 2014, 10, .	1.0	14
6	Roughness of Surface Created by Transversal Sawing of Spruce, Beech, and Oak Wood. BioResources, 2015, 10, .	1.0	14
7	Granulometric Characterization of Wood Dust Emission from CNC Machining of Natural Wood and Medium Density Fiberboard. Forests, 2021, 12, 1039.	2.1	14
8	The Dependence of Surface Quality on Tool Wear of Circular Saw Blades during Transversal Sawing of Beech Wood. BioResources, 2015, 10, .	1.0	13
9	Cutting Power during Cross-Cutting of Selected Wood Species with a Circular Saw. BioResources, 2016, 11, .	1.0	10
10	Medium-density Fiberboard (MDF) and Edge-glued Panels (EGP) after Edge Milling - Surface Roughness after Machining with Different Parameters. BioResources, 2017, 13, .	1.0	10
11	Impact of Sycamore Maple Thermal Treatment on a Granulometric Composition of Chips Obtained due to Processing on a CNC Machining Mentre. Sustainability, 2019, 11, 718.	3.2	9
12	Quantifying the finest particles in dust fractions created during the sanding of untreated and thermally modified beech wood. BioResources, 2022, 17, 7-20.	1.0	6
13	Indentation Hardness and Elastic Recovery of Some Hardwood Species. Applied Sciences (Switzerland), 2022, 12, 5049.	2.5	6
14	Optimization of Cutting Process of Medium Density Fibreboards by the Abrasive Water-Jet. Drvna Industrija, 0, , 263-268.	0.6	5
15	Performance of Filter Bags Used in Industrial Pulse-Jet Baghouses in Wood-Based Panels Furniture Factory. Applied Sciences (Switzerland), 2021, 11, 8965.	2.5	5
16	Effect of cutting conditions on quality of milled surface of medium-density fibreboards. BioResources, 2020, 15, 746-766.	1.0	5
17	Bending Forces at the Proportionality Limit and the Maximum â€“ Technological Innovations for Better Performance in Wood Processing Companies. BioResources, 2017, 12, .	1.0	4
18	The Dust Separation Efficiency of Filter Bags Used in the Wood-Based Panels Furniture Factory. Materials, 2022, 15, 3232.	2.9	4

#	Article	IF	Citations
19	Process Characteristics of Horizontal Log Band Saw in Cutting Frozen Beech. Drvna Industrija, 2015, 66, 41-48.	0.6	3
20	The Flow Resistance of the Filter Bags in the Dust Collector Operating in the Line of Wood-Based Furniture Panels Edge Banding. Applied Sciences (Switzerland), 2022, 12, 5580.	2.5	3
21	Separation of exhausted chips from a CNC machining center in filter FR - SP 50/4 with finet PES 4 fabric. AIP Conference Proceedings, 2018, , .	0.4	2
22	Sustainable Manufacturing Process in the Context of Wood Processing by Sanding. Coatings, 2021, 11, 1463.	2.6	2
23	The Effect of Selected Factors on the Milled Surface Quality of Thermally Modified Solid Beech. BioResources, 2016, 12, .	1.0	1
24	Deflection of Densified Beech and Aspen Woods as a Function of Selected Factors. BioResources, 2017, 12, .	1.0	1