

Deniz Aydemir

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

477
citations

13
h-index

20
g-index

50
ext. papers

594
ext. citations

2.2
avg, IF

4.18
L-index

#	Paper	IF	Citations
47	Heat treated wood/flyon 6 composites. <i>Composites Part B: Engineering</i> , 2015 , 68, 414-423	10	57
46	The effects of thermal treatment on the mechanical properties of wild Pear (<i>Pyrus elaeagnifolia</i> Pall.) wood and changes in physical properties. <i>Materials & Design</i> , 2009 , 30, 4391-4395		49
45	Some Physical Properties of Heat-Treated Paulownia (<i>Paulownia elongata</i>) Wood. <i>Drying Technology</i> , 2009 , 27, 89-93	2.6	34
44	Changes in Specific Gravity and Equilibrium Moisture Content in Heat-Treated Fir (<i>Abies nordmanniana</i> subsp. <i>bornmülleriana</i> Mattf.) Wood. <i>Drying Technology</i> , 2008 , 26, 1135-1139	2.6	28
43	Changes in the chemical structure of thermally treated wood. <i>BioResources</i> , 2010 , 5, 1936-1944	1.3	24
42	Some Physical Properties of Heat-Treated Hornbeam (<i>Carpinus betulus</i> L.) Wood. <i>Drying Technology</i> , 2009 , 27, 714-720	2.6	22
41	Biopolymer blends of polyhydroxybutyrate and polylactic acid reinforced with cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2020 , 250, 116867	10.3	21
40	The Effect of Heat Treatment on Some Mechanical Properties and Color Changes of Uludag Fir Wood. <i>Drying Technology</i> , 2010 , 28, 249-255	2.6	19
39	Biocomposites from polyhydroxybutyrate and bio-fillers by solvent casting method. <i>Bulletin of Materials Science</i> , 2017 , 40, 383-393	1.7	17
38	Preparation and characterization of biopolymer nanocomposites from cellulose nanofibrils and nanoclays. <i>Journal of Composite Materials</i> , 2018 , 52, 689-700	2.7	16
37	The effect of nano-TiO ₂ and SiO ₂ on bonding strength and structural properties of poly (vinyl acetate) composites. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 93, 80-85	4.6	15
36	Natural weathering of oak (<i>Quercus petrae</i>) and chestnut (<i>Castanea sativa</i>) coated with various finishes. <i>Color Research and Application</i> , 2011 , 36, 72-78	1.3	13
35	THE DENSITY, COMPRESSION STRENGTH AND SURFACE HARDNESS OF HEAT TREATED HORNBEAM (<i>Carpinus betulus</i> L.) WOOD. <i>Maderas: Ciencia Y Tecnologia</i> , 2009 , 11,	1	13
34	The influence of thermal treatment on color response of wood materials. <i>Color Research and Application</i> , 2012 , 37, 148-153	1.3	12
33	Nanoboron nitride-filled heat-treated wood polymer nanocomposites: Comparison of different multicriteria decision-making models to predict optimum properties of the nanocomposites. <i>Journal of Composite Materials</i> , 2017 , 51, 4205-4218	2.7	10
32	Combustion properties of medium-density fiberboards coated by a mixture of calcite and various fire retardants. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2013 , 37, 642-648	2.2	10
31	Thermal Analysis of Micro- and Nano-Lignocellulosic Reinforced Styrene Maleic Anhydride Composite Foams. <i>International Journal of Polymer Analysis and Characterization</i> , 2015 , 20, 231-239	1.7	9

30	The effects of cellulosic fillers on the mechanical, morphological, thermal, viscoelastic, and rheological properties of polyhydroxybutyrate biopolymers. <i>Polymer Composites</i> , 2020 , 41, 3842-3856	3	8
29	Production of bacterial cellulose fibers in the presence of effective microorganism. <i>Journal of Natural Fibers</i> , 2019 , 16, 567-575	1.8	8
28	The Effects of Poly(vinyl acetate) Filled with Nanoclay and Cellulose Nanofibrils on Adhesion Strength of Poplar and Scots Pine Wood. <i>Drvna Industrija</i> , 2016 , 67, 17-24	0.8	7
27	PHYSICAL, MORPHOLOGICAL PROPERTIES AND RAMAN SPECTROSCOPY OF CHESTNUT BLIGHT DISEASED CASTANEA SATIVA MILL. WOOD. <i>Cerne</i> , 2016 , 22, 43-58	0.7	7
26	Dimensional stability and deformation analysis under mechanical loading of recycled PET-wood laminated composites with digital image correlation. <i>Journal of Cleaner Production</i> , 2021 , 280, 124472	10.3	7
25	Paulownia Tree as an Alternative Raw Material for Pencil Manufacturing. <i>BioResources</i> , 2015 , 10,	1.3	6
24	Characterization and elemental analysis of wood pellets obtained from low-valued types of wood. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016 , 38, 2211-2216	1.6	6
23	Accelerated weathering and decay resistance of heat-treated wood reinforced polypropylene composites. <i>Drvna Industrija</i> , 2019 , 70, 279-285	0.8	6
22	Morphological and Thermal Properties of Cellulose Nanofibrils Reinforced Epoxy Nanocomposites. <i>Drvna Industrija</i> , 2015 , 66, 35-40	0.8	5
21	Nanocomposites of Polypropylene/Nano Titanium Dioxide: Effect of Loading Rates of Nano Titanium Dioxide. <i>Medziagotyra</i> , 2016 , 22,	0.4	5
20	The Effects of Lignocellulosic Fillers on Mechanical, Morphological and Thermal Properties of Wood Polymer Composites. <i>Drvna Industrija</i> , 2017 , 68, 195-204	0.8	4
19	Mechanical, thermal and morphological properties of heat-treated wood-polypropylene composites and comparison of the composites with PROMETHEE method. <i>Plastics, Rubber and Composites</i> , 2019 , 48, 389-400	1.5	4
18	Influence of Micro- and Nanonatural Fillers on Mechanical and Physical Properties of Foamed SMA Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 1825-1831		4
17	Effects of MA-g-PP and lignocellulosic filler addition on several properties of poly(L-lactic acid)/polypropylene composites. <i>International Journal of Polymer Analysis and Characterization</i> , 2018 , 23, 89-98	1.7	4
16	Surface properties of MDF coated with calcite/clay and effects of fire retardants on these properties. <i>Maderas: Ciencia Y Tecnologia</i> , 2012 , 14, 135-144	1	3
15	Cellulose nanofibrils and nano-scaled titanium dioxide-reinforced biopolymer nanocomposites: Selecting the best nanocomposites with multicriteria decision-making methods. <i>Journal of Composite Materials</i> , 2020 , 54, 923-935	2.7	3
14	The Effect of Nanoboron Nitride on Some Properties of Biopolymer Nanocomposites with Cellulose Nanofibrils and Nanoclays. <i>Drvna Industrija</i> , 2018 , 69, 43-48	0.8	3
13	The bending and tension strength of furniture joints bonded with polyvinyl acetate nanocomposites. <i>Maderas: Ciencia Y Tecnologia</i> , 2017 , 0-0	1	2

12	Morphological characterization of foamed natural filler-reinforced styrene maleic anhydride (SMA) composites. <i>Journal of Porous Materials</i> , 2014 , 21, 1059-1067	2.4	2
11	The Effect of Altitude Difference on Physical and Mechanical Properties of Scots Pine Wood Grown in Turkey - Sinop Province. <i>Drvna Industrija</i> , 2017 , 67, 393-397	0.8	2
10	The Impacts of Heat Treatment on Lap Joint Shear Strength of Black Pine Wood 2010 , 86, 906-914		2
9	Mechanical, morphological and thermal properties of nano-boron nitride treated wood materials. <i>Maderas: Ciencia Y Tecnologia</i> , 2016 , 0-0	1	2
8	The Effect of Nano TiO ₂ and Nano Boron Nitride on Mechanical, Morphological and Thermal Properties of WF/PP Composites. <i>Drvna Industrija</i> , 2018 , 69, 13-22	0.8	2
7	The Lap Joint Shear Strength of Wood Materials Bonded by Cellulose Fiber-Reinforced Polyvinyl Acetate. <i>BioResources</i> , 2013 , 9,	1.3	1
6	Surface Modification of Bacterial Cellulose Sheets With Various Fire Retardants. <i>Journal of Thermal Science and Engineering Applications</i> , 2021 , 13,	1.9	1
5	Thermoplastic composites of polypropylene/biopolymer blends and wood flour: Parameter optimization with fuzzy-grey relational analysis. <i>Polymers and Polymer Composites</i> , 2022 , 30, 096739112211009 ¹	0.8	1
4	Biopolymer nanocomposites of polyhydroxybutyrate and cellulose nanofibrils: Effects of cellulose nanofibril loading levels. <i>Journal of Composite Materials</i> , 2022 , 56, 1175-1190	2.7	0
3	Wood Flour-Reinforced Green Composites: Parameter Optimization via Multi-criteria Decision-Making Methods. <i>Journal of Polymers and the Environment</i> ,1	4.5	0
2	Application of acrylic-based varnishes reinforced with nano fillers for conservation of weathered and worn surfaces of the historical and cultural wooden buildings. <i>Journal of Cultural Heritage</i> , 2022 , 54, 1-11	2.9	
1	Heat-Treated Wood Reinforced High Density Polyethylene Composites. <i>Drvna Industrija</i> , 2021 , 72, 219-228		