

Md Nazrul Islam

List of Publications by Year in descending order

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36
papers

1,636
citations

686830

13
h-index

360668

35
g-index

36
all docs

36
docs citations

36
times ranked

2421
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and modification of nanofibrillated cellulose using various mechanical processes: A review. <i>Carbohydrate Polymers</i> , 2014, 99, 649-665.	5.1	1,046
2	Pollution attenuation by roadside greenbelt in and around urban areas. <i>Urban Forestry and Urban Greening</i> , 2012, 11, 460-464.	2.3	93
3	Flat-pressed wood plastic composites from sawdust and recycled polyethylene terephthalate (PET): physical and mechanical properties. <i>SpringerPlus</i> , 2013, 2, 629.	1.2	76
4	The role of soil properties and its interaction towards quality plant fiber: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 1006-1015.	8.2	73
5	Exploring the association between mental health and subjective sleep quality during the COVID-19 pandemic among Bangladeshi university students. <i>Heliyon</i> , 2021, 7, e07082.	1.4	38
6	Comparative study between full cell and passive impregnation method of wood preservation for laser incised Douglas fir lumber. <i>Wood Science and Technology</i> , 2008, 42, 343-350.	1.4	27
7	Microstructural Study, Tensile Properties, and Scanning Electron Microscopy Fractography Failure Analysis of Various Agricultural Residue Fibers. <i>Journal of Natural Fibers</i> , 2015, 12, 154-168.	1.7	21
8	Passive impregnation of liquid in impermeable lumber incised by laser. <i>Journal of Wood Science</i> , 2007, 53, 436-441.	0.9	19
9	Properties of flat-pressed wood plastic composites as a function of particle size and mixing ratio. <i>Journal of Wood Science</i> , 2018, 64, 279-286.	0.9	19
10	Water hyacinth (<i>Eichhornia crassipes</i> (Mart.) Solms.) as an alternative raw material for the production of bio-compost and handmade paper. <i>Journal of Environmental Management</i> , 2021, 294, 113036.	3.8	18
11	Flexible and transparent chitin/acrylic nanocomposite films with high mechanical strength. <i>Fibers and Polymers</i> , 2015, 16, 774-781.	1.1	17
12	Tannin-based adhesive from <i>Cerriops decandra</i> (Griff.) bark for the production of particleboard. <i>Journal of the Indian Academy of Wood Science</i> , 2018, 15, 21-27.	0.3	16
13	Response of <i>Eucalyptus camaldulensis</i> and <i>Acacia mangium</i> kraft pulp in different ECF bleaching options. <i>Wood Science and Technology</i> , 2011, 45, 473-485.	1.4	14
14	Influence of chemical additive on the physical and mechanical properties of cement-bonded composite panels made from jute stick. <i>Journal of Building Engineering</i> , 2020, 31, 101358.	1.6	14
15	Formulation and characterization of tamarind (<i>Tamarindus indica</i> L.) seed kernel powder (TKP) as green adhesive for lignocellulosic composite industry. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 879-888.	3.6	13
16	Natural weathering studies of oil palm trunk lumber (OPTL) green polymer composites enhanced with oil palm shell (OPS) nanoparticles. <i>SpringerPlus</i> , 2013, 2, 592.	1.2	12
17	<i>Nypa fruticans</i> Wurmb leaf collection as a livelihoods strategy: a case study in the Sundarbans Impact Zone of Bangladesh. <i>Environment, Development and Sustainability</i> , 2020, 22, 5553-5570.	2.7	12
18	Effects of species and moisture content on penetration of liquid in laser incised lumber by the passive impregnation method. <i>European Journal of Wood and Wood Products</i> , 2009, 67, 129-133.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Properties of low-density cement-bonded composite panels manufactured from polystyrene and jute stick particles. <i>Journal of Wood Science</i> , 2019, 65, .	0.9	9
20	Effects of CaCl ₂ and NaHCO ₃ on the physical and mechanical properties of Dhaincha (<i>Sesbania</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	0.3	8
21	Comparison of calorific values and ash content for different woody biomass components of six mangrove species of Bangladesh Sundarbans. <i>Journal of the Indian Academy of Wood Science</i> , 2019, 16, 110-117.	0.3	8
22	Soil Burial Degradation of Oil Palm Shell (OPS) Nanofiller and Phenol Formaldehyde (PF) Resin-Impregnated Oil Palm Trunk Lumber (OPTL): Dimensional Stability and Mechanical Properties. <i>Journal of Biobased Materials and Bioenergy</i> , 2016, 10, 258-264.	0.1	8
23	Selection of mangrove species for shrimp based silvo-aquaculture in the coastal areas of Bangladesh. <i>Journal of Coastal Conservation</i> , 2020, 24, 1.	0.7	7
24	Preparation and Evaluation of Rice Branâ€Modified Urea Formaldehyde as Environmental Friendly Wood Adhesive. <i>Global Challenges</i> , 2021, 5, 2000044.	1.8	7
25	Raw natural rubber latex-based bio-adhesive for the production of particleboard: formulation and optimization of process parameters. <i>RSC Advances</i> , 2021, 11, 28542-28549.	1.7	7
26	Termite Resistance Study of Oil Palm Trunk Lumber (OPTL) Impregnated with Oil Palm Shell Meal and Phenol-Formaldehyde Resin. <i>BioResources</i> , 2013, 8, .	0.5	7
27	Formulation and Characterization of Formaldehydeâ€Free Chemically Modified Boneâ€Based Adhesive for Lignocellulosic Composite Products. <i>Global Challenges</i> , 2021, 5, 2100002.	1.8	6
28	Preservative treatment of Douglas-fir lumber by the passive impregnation method with copper azole. <i>European Journal of Wood and Wood Products</i> , 2009, 67, 77-81.	1.3	5
29	Impregnation of laser incised wood of Douglas fir and Japanese cedar by dipping (passive impregnation) in solutions of copper azole (CuAz-B) and a fire retardant (PPC). <i>Holzforschung</i> , 2014, 68, 353-360.	0.9	5
30	Physical, mechanical and morphological properties of laminated bamboo hybrid composite: a potential raw material for furniture manufacturing. <i>Materials Research Express</i> , 2020, 7, 075503.	0.8	5
31	Manufacture and Properties of Particleboard from Dhaincha (<i>Sesbania aculeata</i>). <i>Journal of Biological Sciences</i> , 2006, 6, 417-419.	0.1	5
32	Carbon Nanofiller-enhanced Ceramic Composites: Thermal and Electrical Studies. <i>BioResources</i> , 2014, 9, .	0.5	4
33	Fundamental approaches for the application of pineapple leaf fiber in high performance reinforced composites. <i>Polimery</i> , 2014, 59, 798-804.	0.4	3
34	Effect of steam injection re-drying of Japanese cedar on preservative leaching after passive impregnation. <i>Wood Material Science and Engineering</i> , 2012, 7, 196-201.	1.1	2
35	Hybrid particleboard from kadam (<i>Anthocephalus chinensis</i>) reinforced with dhaincha (<i>Sesbania</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.3	2
36	Enhancement of Life Span of Mahogany (<i>Swietenia macrophylla</i>), Raintree (<i>Albizia saman</i>) and Akashmoni (<i>Acacia auriculiformis</i>) Wood Treating with CCB Preservative. <i>Asian Journal of Applied Sciences</i> , 2013, 7, 38-44.	0.4	0