

Dennis Jones

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5060296/publications.pdf>

Version: 2024-02-01

34
papers

784
citations

566801

15
h-index

552369

26
g-index

39
all docs

39
docs citations

39
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dimensional Stabilisation of Corsican Pine Sapwood by Reaction with Carboxylic Acid Anhydrides. The Effect of Chain Length. <i>Holzforschung</i> , 1996, 50, 457-462.	0.9	107
2	Kinetic and Mechanistic Aspects of the Acetylation of Wood with Acetic Anhydride. <i>Holzforschung</i> , 1998, 52, 623-629.	0.9	81
3	Dimensional Changes in Corsican Pine Sapwood due to Chemical Modification with Linear Chain Anhydrides. <i>Holzforschung</i> , 1999, 53, 267-271.	0.9	63
4	Forest Biomass Availability and Utilization Potential in Sweden: A Review. <i>Waste and Biomass Valorization</i> , 2021, 12, 65-80.	1.8	47
5	Chemical compositions of natural fibres. , 2017, , 23-58.		41
6	The effect of synthetic and natural fire-retardants on burning and chemical characteristics of thermally modified teak (<i>Tectona grandis</i> L. f.) wood. <i>Construction and Building Materials</i> , 2019, 200, 551-558.	3.2	34
7	A Chemical Kinetics Study of the Propionic Anhydride Modification of Corsican Pine. (1):Determination of Activation Energies. <i>Journal of Wood Chemistry and Technology</i> , 1996, 16, 235-247.	0.9	33
8	Surface hardness and flammability of Na ₂ SiO ₃ and nano-TiO ₂ reinforced wood composites. <i>RSC Advances</i> , 2019, 9, 27973-27986.	1.7	33
9	A superior synthesis of diaryl ethers by the use of ultrasound in the Ullmann reaction. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 407.	0.9	31
10	Micromorphological studies of surface densified wood. <i>Journal of Materials Science</i> , 2014, 49, 2027-2034.	1.7	29
11	Approaching Highly Leaching-Resistant Fire-Retardant Wood by In Situ Polymerization with Melamine Formaldehyde Resin. <i>ACS Omega</i> , 2021, 6, 12733-12745.	1.6	28
12	Determination of the effectiveness of a combined thermal/chemical wood modification by the use of FTIR spectroscopy and chemometric methods. <i>Journal of Molecular Structure</i> , 2020, 1200, 127133.	1.8	27
13	Effect of short-term thermomechanical densification of wood veneers on the properties of birch plywood. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 549-562.	1.3	22
14	Correlation of Studies between Colour, Structure and Mechanical Properties of Commercially Produced ThermoWood® Treated Norway Spruce and Scots Pine. <i>Forests</i> , 2021, 12, 1165.	0.9	20
15	Termite Resistance, Chemical and Mechanical Characterization of <i>Paulownia tomentosa</i> Wood before and after Heat Treatment. <i>Forests</i> , 2021, 12, 1114.	0.9	18
16	Short-term performance of wooden windows and facade elements made of thermally modified and non-modified Norway spruce in different natural environments. <i>Wood Material Science and Engineering</i> , 2019, 14, 42-47.	1.1	16
17	Colour as a quality indicator for industrially manufactured ThermoWood®. <i>Wood Material Science and Engineering</i> , 2021, 16, 287-289.	1.1	14
18	Service life design of timber structures. , 2019, , 311-336.		11

#	ARTICLE	IF	CITATIONS
19	Structural characterization and mechanical properties of wet-processed fibreboard based on chemo-thermomechanical pulp, furanic resin and cellulose nanocrystals. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 586-593.	3.6	11
20	Ion mobility spectrometry as a detection technique for the separation sciences. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 561-566.	0.7	9
21	Leach-resistant fire-retardant treated furfurylated wood by incorporating guanlyl-urea phosphate. <i>Wood Material Science and Engineering</i> , 2021, 16, 429-431.	1.1	9
22	Water vapour sorption characteristics and surface chemical composition of thermally modified spruce (<i>Picea abies</i> karst).. <i>International Wood Products Journal</i> , 2016, 7, 116-123.	0.6	6
23	Water sorption, surface structure and surface energy characteristics of wood composite fibres refined at different pressures. <i>Wood Material Science and Engineering</i> , 2017, 12, 203-210.	1.1	6
24	Life Cycle Assessment of Maritime Pine Wood: A Portuguese Case Study. <i>Journal of Sustainable Forestry</i> , 2021, 40, 431-445.	0.6	6
25	Fire Retardancy and Leaching Resistance of Furfurylated Pine Wood (<i>Pinus sylvestris</i> L.) Treated with Guanlyl-Urea Phosphate. <i>Polymers</i> , 2022, 14, 1829.	2.0	6
26	Influence of Zwitterionic Buffer Effects with Thermal Modification Treatments of Wood on Symbiotic Protists in <i>Reticulitermes grassei</i> Clément. <i>Insects</i> , 2021, 12, 139.	1.0	5
27	Evaluation of the Effect of a Combined Chemical and Thermal Modification of Wood through the Use of Bicine and Tricine. <i>Forests</i> , 2022, 13, 834.	0.9	5
28	COST FP1303 "Performance of bio-based building materials". <i>Wood Material Science and Engineering</i> , 2019, 14, 1-2.	1.1	3
29	Characterisation of Moisture in Scots Pine (<i>Pinus sylvestris</i> L.) Sapwood Modified with Maleic Anhydride and Sodium Hypophosphite. <i>Forests</i> , 2021, 12, 1333.	0.9	3
30	Dimensional stabilisation of Scots pine (<i>Pinus sylvestris</i> L.) sapwood by reaction with maleic anhydride and sodium hypophosphite. <i>European Journal of Wood and Wood Products</i> , 2021, 79, 589-596.	1.3	3
31	Phenol-formaldehyde-resin treatment of Scots pine sapwood for the reduction of resin exudation through coatings. <i>Wood Material Science and Engineering</i> , 2022, 17, 144-146.	1.1	3
32	Bio-based adhesive derived from citric acid and sorbitol for wood-composite manufacture. <i>Wood Material Science and Engineering</i> , 2022, 17, 397-399.	1.1	3
33	Proof-of-Principle That Cellular Automata Can Be Used to Predict Infestation Risk by <i>Reticulitermes grassei</i> (Blattodea: Isoptera). <i>Forests</i> , 2022, 13, 237.	0.9	1
34	Improving Performance of Thermal Modified Wood against Termites with Bicine and Tricine. , 0, , .		0