

Antonio Pizzi

List of Publications by Year in Descending Order

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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.

741
papers

18,946
citations

62
h-index

91
g-index

762
ext. papers

21,693
ext. citations

3.2
avg. IF

7.27
L-index

#	Paper	IF	Citations
741	Phenol-formaldehyde resins 2022 , 13-40		
740	Aminoresins 2022 , 65-82		
739	Recent developments in the performance of micro/nanoparticle-modified urea-formaldehyde resins used as wood-based composite binders: A review. <i>International Journal of Adhesion and Adhesives</i> , 2022 , 114, 103106	3.4	6
738	A review of recent progress in melamine-formaldehyde resin based nanocomposites as coating materials. <i>Progress in Organic Coatings</i> , 2022 , 165, 106768	4.8	4
737	Preparation and characterization of a novel environment-friendly urea-glyoxal resin of improved bonding performance. <i>European Polymer Journal</i> , 2022 , 162, 110915	5.2	1
736	Environmentally friendly chitosan adhesives for plywood bonding. <i>International Journal of Adhesion and Adhesives</i> , 2022 , 112, 103027	3.4	6
735	A Study of Concept to Prepare Totally Biosourced Wood Adhesives from Only Soy Protein and Tannin.. <i>Polymers</i> , 2022 , 14,	4.5	6
734	Thermal and mechanical performance of ramie fibers modified with polyurethane resins derived from acacia mangium bark tannin. <i>Journal of Materials Research and Technology</i> , 2022 , 18, 2413-2427	5.5	3
733	Padauk (<i>Pterocarpus soyauxii</i> Taub.) extracts: An ecological solution for improving the natural water durability of welded wood. <i>Industrial Crops and Products</i> , 2022 , 180, 114711	5.9	0
732	Influence of Lignin Content and Pressing Time on Plywood Properties Bonded with Cold-Setting Adhesive Based on Poly (Vinyl Alcohol), Lignin, and Hexamine. <i>Polymers</i> , 2022 , 14, 2111	4.5	4
731	Modification of Ramie Fiber via Impregnation with Low Viscosity Bio-Polyurethane Resins Derived from Lignin. <i>Polymers</i> , 2022 , 14, 2165	4.5	2
730	Bio-Based Polyurethane Resins Derived from Tannin: Source, Synthesis, Characterisation, and Application. <i>Forests</i> , 2021 , 12, 1516	2.8	10
729	Flame-retardant and thermally-insulating tannin and soybean protein isolate (SPI) based foams for potential applications in building materials. <i>Construction and Building Materials</i> , 2021 , 125711	6.7	1
728	A Comparison among Lignin Modification Methods on the Properties of Lignin-Phenol-Formaldehyde Resin as Wood Adhesive. <i>Polymers</i> , 2021 , 13,	4.5	4
727	Recent Developments in Lignin- and Tannin-Based Non-Isocyanate Polyurethane Resins for Wood Adhesives A Review. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4242	2.6	32
726	Oxidized demethylated lignin as a bio-based adhesive for wood bonding 2021 , 97, 873-890		23
725	Glutaraldehyde-wheat gluten protein adhesives for wood bonding 2021 , 97, 88-100		14

724	Improving properties of phenol- lignin- glyoxal resin as a wood adhesive by an epoxy resin. <i>European Journal of Wood and Wood Products</i> , 2021 , 79, 199-205	2.1	5
723	Interfacial improvement of poly (lactic acid)/tannin acetate composites via radical initiated polymerization. <i>Industrial Crops and Products</i> , 2021 , 159, 113068	5.9	6
722	Thermomechanical analysis of African tannins resins and biocomposite characterization. <i>Journal of Adhesion Science and Technology</i> , 2021 , 35, 1492-1499	2	1
721	Characterizing Fungal Decay of Beech Wood: Potential for Biotechnological Applications. <i>Microorganisms</i> , 2021 , 9,	4.9	4
720	Wood bioadhesives for biocomposites by nonvolatile bioaldehydes generation by specific oxidation of different biomaterials 2021 , 449-466		
719	Performance of Unidirectional Biocomposite Developed with Piptadeniastrum Africanum Tannin Resin and Urena Lobata Fibers as Reinforcement. <i>Journal of Renewable Materials</i> , 2021 , 9, 477-493	2.4	6
718	Organosolv Lignin for Non-Isocyanate Based Polyurethanes (NIPU) as Wood Adhesive. <i>Journal of Renewable Materials</i> , 2021 , 9, 881-907	2.4	11
717	Non-Furanic Humins-Based Non-Isocyanate Polyurethane (NIPU) Thermoset Wood Adhesives. <i>Polymers</i> , 2021 , 13,	4.5	6
716	Soy Protein Isolate Non-Isocyanates Polyurethanes (NIPU) Wood Adhesives. <i>Journal of Renewable Materials</i> , 2021 , 9, 1045-1057	2.4	7
715	Melamineformaldehyde curing acceleration by TiO ₂ -based silver-white pigments catalysis. <i>European Journal of Wood and Wood Products</i> , 2021 , 79, 863-871	2.1	0
714	Natural Tannins as New Cross-Linking Materials for Soy-Based Adhesives. <i>Polymers</i> , 2021 , 13,	4.5	13
713	Use of Aloe vera as an Organic Coagulant for Improving Drinking Water Quality. <i>Water (Switzerland)</i> , 2021 , 13, 2024	3	3
712	Current Strategies for the Production of Sustainable Biopolymer Composites. <i>Polymers</i> , 2021 , 13,	4.5	6
711	Properties of High-Density Fiberboard Bonded with Urea-Formaldehyde Resin and Ammonium Lignosulfonate as a Bio-Based Additive. <i>Polymers</i> , 2021 , 13,	4.5	25
710	Tannin-furanic foams modified by soybean protein isolate (SPI) and industrial lignin substituting formaldehyde addition. <i>Industrial Crops and Products</i> , 2021 , 168, 113607	5.9	3
709	Tannins medical / pharmacological and related applications: A critical review. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 22, 100481	3.9	11
708	Low curing temperature tannin-based non-isocyanate polyurethane (NIPU) wood adhesives: Preparation and properties evaluation. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 112, 103001	3.4	8
707	Influence of wood leachate industrial waste as a novel catalyst for the synthesis of UF resins and MDF bonded with them. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 111, 102985	3.4	1

706	Reducing free formaldehyde emission, improvement of thickness swelling and increasing storage stability of novel medium density fiberboard by urea-formaldehyde adhesive modified by phenol derivatives. <i>International Journal of Adhesion and Adhesives</i> , 2021 , 111, 102962	3.4	7
705	Wood Composites and Their Polymer Binders. <i>Polymers</i> , 2020 , 12,	4.5	45
704	Characterization and Preparation of Furanic-Glyoxal Foams. <i>Polymers</i> , 2020 , 12,	4.5	4
703	Maldi-ToF analysis and FTIR characterization of Aucoumea klaineana Pierre (Okoume) sapwood and heartwood condensed tannins from Gabon's natural forest. <i>Wood Science and Technology</i> , 2020 , 54, 907-928	3.5	1
702	Characterization and 3D printability of poly (lactic acid)/acetylated tannin composites. <i>Industrial Crops and Products</i> , 2020 , 149, 112320	5.9	22
701	Direct reuse at industrial level of ion-exchange resin regeneration wastewater in MDF manufacturing. <i>European Journal of Wood and Wood Products</i> , 2020 , 78, 523-531	2.1	4
700	Reactivity, characterization and mechanical performance of particleboards bonded with tannin resins and bio hardeners from African trees. <i>International Wood Products Journal</i> , 2020 , 11, 80-93	0.9	3
699	Addition of cellulose nanofibers extracted from rice straw to urea formaldehyde resin; effect on the adhesive characteristics and medium density fiberboard properties. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 99, 102582	3.4	20
698	One-step compatibilization of poly(lactic acid) and tannin via reactive extrusion. <i>Materials and Design</i> , 2020 , 191, 108603	8.1	14
697	The condensed tannins of Okoume (Aucoumea klaineana Pierre): A molecular structure and thermal stability study. <i>Scientific Reports</i> , 2020 , 10, 1773	4.9	6
696	Condensed tannin-glucose-based NIPU bio-foams of improved fire retardancy. <i>Polymer Degradation and Stability</i> , 2020 , 175, 109121	4.7	17
695	Effects of Broussonetiapapyrifera leaf cutting modes on bonding performance of its protein-based adhesives. <i>European Journal of Wood and Wood Products</i> , 2020 , 78, 461-470	2.1	2
694	No-Aldehydes Glucose/Sucrose-Triacetin-Diamine Wood Adhesives for Particleboard. <i>Journal of Renewable Materials</i> , 2020 , 8, 715-725	2.4	2
693	Tannin plywood bioadhesives with non-volatile aldehydes generation by specific oxidation of mono- and disaccharides. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 98, 102499	3.4	14
692	Ionic liquid- modified lignin as a bio- coupling agent for natural fiber- recycled polypropylene composites. <i>Composites Part B: Engineering</i> , 2020 , 181, 107587	10	20
691	Chemical analysis and thermal stability of African mahogany (Khaya ivorensis A. Chev) condensed tannins. <i>Holzforschung</i> , 2020 , 74, 683-701	2	2
690	Soy protein isolate-based polyamides as wood adhesives. <i>Wood Science and Technology</i> , 2020 , 54, 89-102.5	10.5	16
689	Biosourced heat resistant coatings by cross-linking of proteins with triethyl phosphate. <i>Progress in Organic Coatings</i> , 2020 , 138, 105403	4.8	6

688	Ambient Temperature Self-Blowing Tannin-Humins Biofoams. <i>Polymers</i> , 2020 , 12,	4.5	9
687	Improving the properties of urea-lignin-glyoxal resin as a wood adhesive by small addition of epoxy. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 102, 102681	3.4	16
686	Furfuryl alcohol-aldehyde plywood adhesive resins 2020 , 96, 814-838		10
685	5-Hydroxymethyl furfural modified melamine glyoxal resin 2020 , 96, 1167-1185		6
684	Some of Physical and Mechanical Properties of Particleboard Panels bonded with Phenol- Lignin- Glyoxal Resin 2020 , 96, 1385-1395		5
683	Oxidized polyethylene as a new alternative coupling agent for the fiberboards made from UF resin 2020 , 96, 665-678		2
682	Superhydrophobic and Superoleophilic Fiber from Waste Bamboo Processing Residues for Oil/water Selective Separation. <i>Journal of Wood Chemistry and Technology</i> , 2020 , 40, 58-72	2	7
681	Macro porous tannin spray-dried powder scaffolds with stem cells for bone engineering. <i>Materials Chemistry and Physics</i> , 2020 , 239, 121980	4.4	5
680	Investigations of mechanical properties and chemical changes occurring during welding of thermally modified ash wood. <i>Journal of Adhesion Science and Technology</i> , 2020 , 34, 13-24	2	2
679	Preparation and Characterization of Condensed Tannin Non-Isocyanate Polyurethane (NIPU) Rigid Foams by Ambient Temperature Blowing. <i>Polymers</i> , 2020 , 12,	4.5	15
678	Particleboard bonded with bio-hardeners of tannin adhesives. <i>European Journal of Wood and Wood Products</i> , 2019 , 77, 1221-1223	2.1	11
677	Reactions of Soy Flour and Soy Protein by Non-Volatile Aldehydes Generation by Specific Oxidation. <i>Polymers</i> , 2019 , 11,	4.5	18
676	Effect of the initial F/U molar ratio in urea-formaldehyde resins synthesis and its influence on the performance of medium density fiberboard bonded with them. <i>International Journal of Adhesion and Adhesives</i> , 2019 , 95, 102440	3.4	14
675	Tannin-based adhesive cross-linked by furfuryl alcohol-glyoxal and epoxy resins. <i>International Journal of Adhesion and Adhesives</i> , 2019 , 94, 47-52	3.4	22
674	Water resistance improvement by polyethyleneimine of tannin-furfuryl alcohol adhesives. <i>International Wood Products Journal</i> , 2019 , 10, 16-21	0.9	2
673	Wheat protein hydrolysates-resorcinolaldehydes as potential cold setting adhesives. <i>European Journal of Wood and Wood Products</i> , 2019 , 77, 453-463	2.1	4
672	African tree bark exudate extracts as biohardeners of fully biosourced thermoset tannin adhesives for wood panels. <i>Industrial Crops and Products</i> , 2019 , 132, 253-268	5.9	27
671	Tannins: Prospectives and Actual Industrial Applications. <i>Biomolecules</i> , 2019 , 9,	5.9	89

670	Tannin-Based Biofoams-a Review. <i>Journal of Renewable Materials</i> , 2019 , 7, 477-492	2.4	24
669	Polypropylene Blend with Polyphenols through Dynamic Vulcanization: Mechanical, Rheological, Crystalline, Thermal, and UV Protective Property. <i>Polymers</i> , 2019 , 11,	4.5	15
668	Determination of phenolic compounds by MALDI-TOF and essential oil composition by GC-MS during three development stages of <i>Origanum majorana</i> L. <i>Biomedical Chromatography</i> , 2019 , 33, e4665 ¹⁻⁷		5
667	Tannin Gels and Their Carbon Derivatives: A Review. <i>Biomolecules</i> , 2019 , 9,	5.9	11
666	Surface Modification of Wood 2019 , 223-238		1
665	The Chemistry of Condensed Tannins 2019 , 239-266		
664	Thermosetting Adhesives Based on Bio-Resources for Lignocellulosic Composites 2019 , 267-291		1
663	Environmental Aspects of Adhesives Emission of Formaldehyde 2019 , 293-315		2
662	Rheology and Viscoelasticity of Adhesives 2019 , 317-345		
661	Polymer Matrix: Epoxy Resins 2019 , 403-423		
660	Urea-Formaldehyde Resins 2019 , 61-100		4
659	Melamine-Formaldehyde Resin 2019 , 101-113		0
658	Phenol-Formaldehyde Resins 2019 , 115-146		1
657	Resorcinol-Formaldehyde Resins and Hydroxymethyl Resorcinol (HMR and n-HMR) 2019 , 147-168		
656	Polyurethane Adhesives 2019 , 169-198		
655	Effect of polymeric diisocyanate addition on bonding performance of a demethylated-pyrolysis-oil-based adhesive. <i>Wood Science and Technology</i> , 2019 , 53, 1311-1337	2.5	1
654	2019 ,		5
653	Preparation and Evaluation of Glucose Based Non-Isocyanate Polyurethane Self-Blowing Rigid Foams. <i>Polymers</i> , 2019 , 11,	4.5	19

652	Characteristics and Mechanicals Potentials of Wood Adhesives Manufactured with Grasses Lignins. <i>Journal of Materials Science and Chemical Engineering</i> , 2019 , 07, 35-47	0.3	
651	Non-isocyanate polyurethane adhesive from sucrose used for particleboard. <i>Wood Science and Technology</i> , 2019 , 53, 393-405	2.5	28
650	Glucose-Biobased Non-Isocyanate Polyurethane Rigid Foams. <i>Journal of Renewable Materials</i> , 2019 , 7, 301-312	2.4	18
649	New insight into the use of latent catalysts for the synthesis of urea formaldehyde adhesives and the mechanical properties of medium density fiberboards bonded with them. <i>European Polymer Journal</i> , 2019 , 112, 195-205	5.2	20
648	Dynamically Cross-Linked Tannin as a Reinforcement of Polypropylene and UV Protection Properties. <i>Polymers</i> , 2019 , 11,	4.5	19
647	Green extraction process of tannins obtained from Moroccan Acacia mollissima barks by microwave: Modeling and optimization of the process using the response surface methodology RSM. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 2668-2684	5.9	23
646	Impact of the formulation of biosourced phenolic foams on their fire properties. <i>Polymer Degradation and Stability</i> , 2018 , 153, 1-14	4.7	11
645	Chemical composition of African mahogany (K. ivorensis A. Chev) extractive and tannin structures of the bark by MALDI-TOF. <i>Industrial Crops and Products</i> , 2018 , 113, 167-178	5.9	13
644	Mechanically blown wall-projected tannin-based foams. <i>Industrial Crops and Products</i> , 2018 , 113, 316-323	5.9	18
643	Soy-based, tannin-modified plywood adhesives 2018 , 94, 218-237		32
642	Properties of plywood panels bonded with ionic liquid-modified lignin phenol formaldehyde resin 2018 , 94, 143-154		24
641	Synthesis, structure characterization and application of melamine glyoxal adhesive resins. <i>European Journal of Wood and Wood Products</i> , 2018 , 76, 283-296	2.1	23
640	Improving the properties of ionic liquid-treated lignin-urea-formaldehyde resins by a small addition of isocyanate for wood adhesive 2018 , 94, 406-419		16
639	The study of linear vibrational welding of moso bamboo. <i>Journal of Adhesion Science and Technology</i> , 2018 , 32, 1-10	2	24
638	Improving Water Resistance of Soy-Based Adhesive by Vegetable Tannin. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 1881-1890	4.5	28
637	Optimisation of green tannin-furanic foams for thermal insulation by experimental design. <i>Materials and Design</i> , 2018 , 139, 7-15	8.1	18
636	Improving the physical and mechanical properties of particleboards made from urea glyoxal resin by addition of pMDI. <i>European Journal of Wood and Wood Products</i> , 2018 , 76, 871-876	2.1	10
635	Improving soy-based adhesives for wood particleboard by tannins addition. <i>Wood Science and Technology</i> , 2018 , 52, 261-279	2.5	60

634	Reactions with Wood Carbohydrates and Lignin of Citric Acid as a Bond Promoter of Wood Veneer Panels. <i>Polymers</i> , 2018 , 10,	4.5	19
633	Isocyanate-Free Polyurethane Coatings and Adhesives from Mono- and Di-Saccharides. <i>Polymers</i> , 2018 , 10,	4.5	33
632	Destructive vs. non-destructive methods for the mechanical characterisation of tannin-based thermoset foams. <i>Polymer Testing</i> , 2018 , 69, 332-339	4.5	2
631	Projectable tannin foams by mechanical and chemical expansion. <i>Industrial Crops and Products</i> , 2018 , 120, 90-96	5.9	10
630	A comparison between the influence of nanoclay and isocyanate on urea-glyoxal resins. <i>International Wood Products Journal</i> , 2018 , 9, 9-14	0.9	4
629	Effects of steam explosion on the characteristics of windmill palm fiber and its application to fiberboard. <i>European Journal of Wood and Wood Products</i> , 2018 , 76, 601-609	2.1	12
628	Effect of different acids during the synthesis of urea-formaldehyde adhesives and the mechanical properties of medium-density fiberboards bonded with them. <i>Journal of Applied Polymer Science</i> , 2018 , 136, 47256	2.9	4
627	Polyurethanes from Kraft Lignin without Using Isocyanates. <i>Journal of Renewable Materials</i> , 2018 , 6, 413-425	2.4	11
626	Comparison of the properties of urea-formaldehyde resins by the use of formalin or urea formaldehyde condensates. <i>Journal of Adhesion Science and Technology</i> , 2018 , 32, 2537-2551	2	14
625	Tannins as a sustainable raw material for green chemistry: A review. <i>Industrial Crops and Products</i> , 2018 , 126, 316-332	5.9	112
624	A novel fiber-veneer-laminated composite based on tannin resin 2017 , 93, 461-467		7
623	Environmentally friendly wood adhesives based on chestnut (<i>Castanea sativa</i>) shell tannins. <i>European Journal of Wood and Wood Products</i> , 2017 , 75, 89-100	2.1	29
622	The effect of soda bagasse lignin modified by ionic liquids on properties of the urea-formaldehyde resin as a wood adhesive 2017 , 93, 914-925		23
621	Tannin-boron complex as a preservative for 3-ply beech plywoods designed for humid conditions. <i>Holzforschung</i> , 2017 , 71, 249-258	2	6
620	Analytical profiling of food-grade extracts from grape (<i>Vitis vinifera</i> sp.) seeds and skins, green tea (<i>Camellia sinensis</i>) leaves and Limousin oak (<i>Quercus robur</i>) heartwood using MALDI-TOF-MS, ICP-MS and spectrophotometric methods. <i>Journal of Food Composition and Analysis</i> , 2017 , 59, 95-104	4.1	30
619	Citric acid as waterproofing additive in butt joints linear wood welding. <i>European Journal of Wood and Wood Products</i> , 2017 , 75, 651-654	2.1	26
618	Ionic liquids as enhancers of urea-glyoxal panel adhesives as substitutes for urea-formaldehyde resins. <i>European Journal of Wood and Wood Products</i> , 2017 , 75, 481-483	2.1	16
617	Stability and combustion of metal nano-particles and their additive impact with diesel and biodiesel on engine efficiency: A comprehensive study. <i>Journal of Renewable and Sustainable Energy</i> , 2017 , 9, 022701	2.5	16

616	MALDI-TOF, 13C NMR and FTIR analysis of the cross-linking reaction of condensed tannins by triethyl phosphate. <i>Industrial Crops and Products</i> , 2017 , 95, 621-631	5.9	18
615	Fire-resistant tannin-ethylene glycol gels working as rubber springs with tuneable elastic properties. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 14720-14732	13	11
614	Characterization of Ficus sycomorus tannin using ATR-FT MIR, MALDI-TOF MS and 13C NMR methods. <i>European Journal of Wood and Wood Products</i> , 2017 , 75, 807-815	2.1	15
613	Stability analysis of tannin-based foams using multiple light-scattering measurements. <i>European Polymer Journal</i> , 2017 , 87, 318-330	5.2	16
612	Water resistance of natural joint of spruce produced by linear friction welding without any treatment. <i>International Wood Products Journal</i> , 2017 , 8, 201-207	0.9	5
611	Energy Release Rate Measurement of Welded Bamboo Joints. <i>Journal of Renewable Materials</i> , 2017 ,	2.4	1
610	Study of the End-grain Butt Joints Obtained by Friction Welding of Moso Bamboo. <i>BioResources</i> , 2017 , 12,	1.3	5
609	Isocyanate-Free Polyurethanes by Coreaction of Condensed Tannins with Aminated Tannins. <i>Journal of Renewable Materials</i> , 2017 , 5, 21-29	2.4	33
608	New Closed- and Open-Cell, Aldehyde-Free Protein Foams. <i>Journal of Renewable Materials</i> , 2017 , 5, 48-53.4		2
607	Polycondensation Resins by Lignin Reaction with (Poly) amines. <i>Journal of Renewable Materials</i> , 2017 , 5, 388-399	2.4	6
606	Melamine-Glyoxal-Glutaraldehyde Wood Panel Adhesives without Formaldehyde. <i>Polymers</i> , 2017 , 10,	4.5	16
605	Rubber-like materials derived from biosourced phenolic resins. <i>Journal of Physics: Conference Series</i> , 2017 , 879, 012013	0.3	2
604	Oligolignols within lignin-adhesive formulations drive their Young's modulus: A ReaxFF-MD study. <i>International Journal of Adhesion and Adhesives</i> , 2017 , 78, 227-233	3.4	8
603	Preparation and characterization of bio resin natural tannin/poly (vinylidene fluoride): A high dielectric performance nano-composite for electrical storage. <i>Chemical Physics</i> , 2017 , 494, 61-71	2.3	
602	Preparation and structural characterisation of model cellular vitreous carbon foams. <i>Carbon</i> , 2017 , 112, 208-218	10.4	27
601	A comparison between lignin modified by ionic liquids and glyoxalated lignin as modifiers of urea-formaldehyde resin 2017 , 93, 1120-1130		25
600	Polycondensation Resins by Flavonoid Tannins Reaction with Amines. <i>Polymers</i> , 2017 , 9,	4.5	17
599	Analysis of the Cross-Linking Reaction of Lignin with Triethyl Phosphate by MALDI-TOF and C NMR. <i>Polymers</i> , 2017 , 9,	4.5	6

598	Tannins for Wood Adhesives, Foams and Composites 2017 , 197-220		6
597	Hydroxymethylfurfural Hardening of Pine Tannin Wood Adhesives. <i>Journal of Renewable Materials</i> , 2017 ,	2.4	5
596	Reduction of Formaldehyde Emission from Particleboard by Phenolated Kraft Lignin 2016 , 92, 485-497		38
595	Modification of Natural Fibers Using Physical Technologies and Their Applications for Composites 2016 , 323-344		2
594	Chemical Composition and Properties of Wood 2016 , 49-106		11
593	Chemical Modification of Solid Wood 2016 , 313-322		1
592	Dimensional Stabilization of Wood and Wood Composites 2016 , 629-655		2
591	Mild hydroxypropylation of polyflavonoids obtained under pilot-plant scale. <i>Industrial Crops and Products</i> , 2016 , 87, 350-362	5.9	15
590	Study of the solubility and composition of welded wood material at progressive welding times. <i>European Journal of Wood and Wood Products</i> , 2016 , 74, 191-201	2.1	6
589	Wood products and green chemistry. <i>Annals of Forest Science</i> , 2016 , 73, 185-203	3.1	94
588	The chemical, kinetic and mechanical characterization of tannin-based adhesives with different crosslinking systems. <i>International Journal of Adhesion and Adhesives</i> , 2016 , 68, 1-8	3.4	21
587	MALDI-TOF, 13C NMR and FT-MIR analysis and strength characterization of glycidyl ether tannin epoxy resins. <i>Industrial Crops and Products</i> , 2016 , 83, 177-185	5.9	29
586	Evaluating mold growth in tannin-resin and flax fiber biocomposites. <i>Industrial Crops and Products</i> , 2016 , 83, 438-443	5.9	11
585	Induced Tannin Adhesive by Boric Acid Addition and Its Effect on Bonding Quality and Biological Performance of Poplar Plywood. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2734-2740	8.3	25
584	Spectroscopy analysis of phenolic and sugar patterns in a food grade chestnut tannin. <i>Food Chemistry</i> , 2016 , 203, 425-429	8.5	24
583	Automotive brake pads made with a bioresin matrix. <i>Industrial Crops and Products</i> , 2016 , 85, 372-381	5.9	33
582	Modification of condensed tannins: from polyphenol chemistry to materials engineering. <i>New Journal of Chemistry</i> , 2016 , 40, 36-49	3.6	56
581	Characterization of Merbau Wood Extract Used as an Adhesive in Glued Laminated Lumber. <i>Forest Products Journal</i> , 2016 , 66, 313-318	0.6	6

580	Improving Water Repellence and Friability of Tannin-Furanic Foams by Oil-Grafted Flavonoid Tannins. <i>BioResources</i> , 2016 , 11,	1.3	6
579	Acid Ionic Liquids as a New Hardener in Urea-Glyoxal Adhesive Resins. <i>Polymers</i> , 2016 , 8,	4.5	31
578	Optimization of Wood Welding Parameters for Australian Hardwood Species. <i>BioResources</i> , 2016 , 12,	1.3	5
577	Analysis and Testing of Bisphenol A-Free Bio-Based Tannin Epoxy-Acrylic Adhesives. <i>Polymers</i> , 2016 , 8,	4.5	24
576	Lignin-derived non-toxic aldehydes for ecofriendly tannin adhesives for wood panels. <i>International Journal of Adhesion and Adhesives</i> , 2016 , 70, 239-248	3.4	27
575	Le march�potentiel des tourteaux broy�, leurs propri� fonctionnelles et applications. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2016 , 23, D408	1.5	2
574	Variation of shear properties of welded spruce at different pressures and welding times. <i>Biotribology</i> , 2016 , 5, 61-66	2.3	5
573	Horticultural/hydroponics and floral natural foams from tannins. <i>Industrial Crops and Products</i> , 2016 , 87, 177-181	5.9	17
572	Structure and properties of poly(furfuryl alcohol)-tannin polyHIPEs. <i>European Polymer Journal</i> , 2016 , 78, 195-212	5.2	24
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