

Roger Moya

List of Publications by Year in descending order

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120
papers

1,271
citations

394286

19
h-index

526166

27
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121
all docs

121
docs citations

121
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of heartwood properties of <i>Tectona grandis</i> trees from fast-growth plantations. <i>Wood Science and Technology</i> , 2014, 48, 411-433.	1.4	74
2	Wood colour variation in sapwood and heartwood of young trees of <i>Tectona grandis</i> and its relationship with plantation characteristics, site, and decay resistance. <i>Annals of Forest Science</i> , 2010, 67, 109-109.	0.8	58
3	Relationship Between Wood Color Parameters Measured by the CIELab System and Extractive and Phenol Content in <i>Acacia mangium</i> and <i>Vochysia guatemalensis</i> from Fast-Growth Plantations. <i>Molecules</i> , 2012, 17, 3639-3652.	1.7	46
4	Effects of adding nano-clay (montmorillonite) on performance of polyvinyl acetate (PVAc) and urea-formaldehyde (UF) adhesives in <i>Carapa guianensis</i> , a tropical species. <i>International Journal of Adhesion and Adhesives</i> , 2015, 59, 62-70.	1.4	45
5	Fuelwood characteristics and its relation with extractives and chemical properties of ten fast-growth species in Costa Rica. <i>Biomass and Bioenergy</i> , 2013, 56, 14-21.	2.9	43
6	Variation of wood color parameters of <i>Tectona grandis</i> and its relationship with physical environmental factors. <i>Annals of Forest Science</i> , 2012, 69, 947-959.	0.8	36
7	Thermogravimetric characteristics, its relation with extractives and chemical properties and combustion characteristics of ten fast-growth species in Costa Rica. <i>Thermochimica Acta</i> , 2013, 563, 12-21.	1.2	32
8	Grouping of <i>Tectona grandis</i> (L.f.) clones using wood color and stiffness. <i>New Forests</i> , 2011, 42, 329-345.	0.7	30
9	Comparative study on physical and mechanical properties of laminated veneer lumber and plywood panels made of wood from fast-growing <i>Gmelina arborea</i> trees. <i>Journal of Wood Science</i> , 2011, 57, 134-139.	0.9	29
10	Effects of adding TiO ₂ nanoparticles to a water-based varnish for wood applied to nine tropical woods of Costa Rica exposed to natural and accelerated weathering. <i>Journal of Coatings Technology Research</i> , 2017, 14, 141-152.	1.2	28
11	Short Rotation Wood Crops in Latin American: A Review on Status and Potential Uses as Biofuel. <i>Energies</i> , 2019, 12, 705.	1.6	28
12	Use of coffee (<i>Coffea arabica</i>) pulp for the production of briquettes and pellets for heat generation. <i>Ciencia E Agrotecnologia</i> , 2014, 38, 461-470.	1.5	25
13	Evaluation of wood properties from six native species of forest plantations in Costa Rica. <i>Bosque</i> , 2016, 37, 71-84.	0.1	25
14	Effect of Silver Nanoparticles Synthesized with NPs _{Ag} -Ethylene Glycol (C ₂ H ₆ O ₂) on Brown Decay and White Decay Fungi of Nine Tropical Woods. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5233-5240.	0.9	24
15	Production and quality analysis of pellets manufactured from five potential energy crops in the Northern Region of Costa Rica. <i>Biomass and Bioenergy</i> , 2016, 87, 84-95.	2.9	23
16	Biomass yield and energy potential of short-rotation energy plantations of <i>Gmelina arborea</i> one year old in Costa Rica. <i>Industrial Crops and Products</i> , 2016, 82, 63-73.	2.5	22
17	Physical and Compression Properties of Pellets Manufactured with the Biomass of Five Woody Tropical Species of Costa Rica Torrefied at Different Temperatures and Times. <i>Energies</i> , 2017, 10, 1205.	1.6	22
18	Thermogravimetric, Devolatilization Rate, and Differential Scanning Calorimetry Analyses of Biomass of Tropical Plantation Species of Costa Rica Torrefied at Different Temperatures and Times. <i>Energies</i> , 2018, 11, 696.	1.6	22

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19	Thermogravimetric and devolatilisation analysis for five plantation species: Effect of extractives, ash compositions, chemical compositions and energy parameters. <i>Thermochimica Acta</i> , 2017, 647, 36-46.	1.2	21
20	Study of light, middle and severe torrefaction and effects of extractives and chemical compositions on torrefaction process by thermogravimetric analysis in five fast-growing plantations of Costa Rica. <i>Energy</i> , 2018, 149, 1-10.	4.5	21
21	Moisture content variability in kiln-dried <i>Gmelina arborea</i> wood: effect of radial position and anatomical features. <i>Journal of Wood Science</i> , 2008, 54, 318-322.	0.9	19
22	The use of X-ray densitometry to evaluate the wood density profile of <i>Tectona grandis</i> trees growing in fast-growth plantations. <i>Dendrochronologia</i> , 2019, 55, 71-79.	1.0	19
23	Correlation and modeling between color variation and quality of the surface between accelerated and natural tropical weathering in <i>Acacia mangium</i> , <i>Cedrela odorata</i> and <i>Tectona grandis</i> wood with two coating. <i>Color Research and Application</i> , 2014, 39, 519-529.	0.8	18
24	Kiln-, Solar-, and Air-Drying Behavior of Lumber of <i>Tectona grandis</i> and <i>Gmelina arborea</i> from Fast-Grown Plantations: Moisture Content, Wood Color, and Drying Defects. <i>Drying Technology</i> , 2014, 32, 301-310.	1.7	18
25	Acetylation of tropical hardwood species from forest plantations in Costa Rica: an FTIR spectroscopic analysis. <i>Journal of Wood Science</i> , 2020, 66, .	0.9	18
26	Early prediction of basic density, shrinking, presence of growth stress, and dynamic elastic modulus based on the morphological tree parameters of <i>Tectona grandis</i> . <i>Journal of Wood Science</i> , 2012, 58, 290-299.	0.9	17
27	Effect of CaCO ₃ on the wood properties of tropical hardwood species from fast-growth plantation in Costa Rica. <i>BioResources</i> , 2020, 15, 4802-4822.	0.5	17
28	Kiln drying behavior utilizing drying rate of lumber from six fast-growth plantation species in Costa Rica. <i>Drying Technology</i> , 2016, 34, 443-453.	1.7	16
29	Wood of <i>Gmelina arborea</i> in Costa Rica. <i>New Forests</i> , 2004, 28, 299-307.	0.7	15
30	Effect of management treatment and growing regions on wood properties of <i>Gmelina arborea</i> in Costa Rica. <i>New Forests</i> , 2004, 28, 325-330.	0.7	14
31	Kiln drying behavior of lumber from ten fast-growth plantation species in Costa Rica. <i>Wood Material Science and Engineering</i> , 2013, 8, 37-45.	1.1	14
32	Quality of Pellets Made from Agricultural and Forestry Crops in Costa Rican Tropical Climates. <i>BioResources</i> , 2014, 10, .	0.5	14
33	Visual identification, physical properties, ash composition, and water diffusion of wetwood in <i>Gmelina arborea</i> . <i>Canadian Journal of Forest Research</i> , 2009, 39, 537-545.	0.8	13
34	The effect of melamine formaldehyde impregnation and hot-pressing parameters on the density profile of densified poplar wood. <i>European Journal of Wood and Wood Products</i> , 2020, 78, 433-440.	1.3	13
35	Kiln Drying of <i>Acacia mangium</i> Willd Wood: Considerations of Moisture Content before and after Drying and Presence of Wet Pockets. <i>Drying Technology</i> , 2011, 29, 1845-1854.	1.7	12
36	WOOD CHARACTERIZATION OF ADULT CLONES OF <i>TECTONA GRANDIS</i> GROWING IN COSTA RICA. <i>Cerne</i> , 2015, 21, 353-362.	0.9	12

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37	Pellets Evaluation Made from Tropical-Climate Agricultural and Forestry Crops of Costa Rica with a Domestic Stove. Waste and Biomass Valorization, 2015, 6, 1037-1046.	1.8	12
38	Micro- and Nanofibrillated Cellulose (MNFC) from Pineapple (<i>Ananas comosus</i>) Stems and Their Application on Polyvinyl Acetate (PVAc) and Urea-Formaldehyde (UF) Wood Adhesives. Journal of Nanomaterials, 2020, 2020, 1-12.	1.5	12
39	Heartwood formation and prediction of heartwood parameters in <i>Tectona grandis</i> L.f. trees growing in forest plantations in Costa Rica. Bois Et Forets Des Tropiques, 0, 335, 25.	0.2	12
40	Wood characteristics of <i>Terminalia amazonia</i> , <i>Vochysia guatemalensis</i> and <i>Hyeronima alchorneoides</i> planted in Costa Rica. Bosque, 2009, 30, .	0.1	11
41	Application of the X-ray densitometry in the evaluation of the quality and mechanical properties of biomass pellets. Fuel Processing Technology, 2015, 132, 62-73.	3.7	11
42	Effect of steam-drying treatment on moisture content, drying rate, color, and drying defects in juvenile wood of <i>Tectona grandis</i> from fast-growth plantations. Drying Technology, 2017, 35, 1832-1842.	1.7	11
43	CHARACTERISATION OF PELLETS MADE FROM OIL PALM RESIDUES IN COSTA RICA. Journal of Oil Palm Research, 2016, 28, 198-210.	2.1	11
44	Evaluating the strength of finger-jointed lumber of <i>Gmelina arborea</i> in Costa Rica. New Forests, 2004, 28, 319-323.	0.7	10
45	Variation des caractéristiques de la moelle des arbres de <i>Gmelina arborea</i> issus de plantations à croissance rapide au Costa Rica. Annals of Forest Science, 2008, 65, 612-612.	0.8	10
46	Steaming and Heating <i>Dipteryx panamensis</i> Logs from Fast-Grown Plantations: Reduction of Growth Strain and Effects on Quality. Forest Products Journal, 2021, 71, 3-10.	0.2	10
47	Propiedades físico-mecánicas de tableros terciados contruidos con especies tropicales de plantaciones para uso estructural. Cerne, 2012, 18, 317-325.	0.9	10
48	Development of heartwood, sapwood, bark, pith and specific gravity of teak (<i>Tectona grandis</i>) in fast-growing plantations in Costa Rica. Journal of Forestry Research, 2020, 31, 667-676.	1.7	9
49	Biopulp from Pineapple Leaf Fiber Produced by Colonization with Two White-Rot Fungi: <i>Trametes versicolor</i> and <i>Pleurotus ostreatus</i> . BioResources, 2016, 11, .	0.5	8
50	Radial variation of anatomical features, wood density and decay resistance in teak (<i>Tectona grandis</i>) from two qualities of growing sites and two climatic regions of Costa Rica. Forest Systems, 2009, 18, 119.	0.1	8
51	Evaluation of wood properties of four ages of <i>Cedrela odorata</i> trees growing in agroforestry systems with <i>Theobroma cacao</i> in Costa Rica. Agroforestry Systems, 2019, 93, 973-988.	0.9	7
52	Biomass and Bioenergy Production of <i>Arundo donax</i> L., <i>Pennisetum purpureum</i> Schum. and <i>Pennisetum purpureum</i> Schumack. — <i>Pennisetum glaucum</i> L. in Short Rotation Cropping System in Costa Rica. Journal of Biobased Materials and Bioenergy, 2015, 9, 572-579.	0.1	7
53	Biomass production and characteristics of short rotation plantations of clones of <i>Gmelina arborea</i> in three spacings. Silvae Genetica, 2019, 68, 92-100.	0.4	7
54	Successional variation in carbon content and wood specific gravity of four tropical tree species. Bosque, 2013, 34, 9-10.	0.1	6

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55	Effects of thinning on diameter, heartwood, density and drying defects of <i>Gmelina arborea</i> . <i>Maderas: Ciencia Y Tecnología</i> , 2015, , 0-0.	0.7	6
56	Durability of Thermally Modified Wood of <i>Gmelina arborea</i> and <i>Tectona grandis</i> Tested under Field and Accelerated Conditions. <i>Journal of Renewable Materials</i> , 2017, 5, 208-219.	1.1	6
57	Effects on density, shrinking, color changing and chemical surface analysis through FTIR of <i>Tectona grandis</i> thermo-treated. <i>Scientia Forestalis/Forest Sciences</i> , 2016, 44, .	0.2	6
58	Variation in the wood anatomical structure of <i>Gmelina arborea</i> (Verbenaceae) trees at different ecological conditions in Costa Rica. <i>Revista De Biología Tropical</i> , 2008, 56, 689-704.	0.1	6
59	Physical, mechanical and hydration kinetics of particleboards manufactured with woody biomass (<i>Cupressus lusitanica</i> , <i>Gmelina arborea</i> , <i>Tectona grandis</i>), agricultural resources, and Tetra Pak packages. <i>Waste Management and Research</i> , 2014, 32, 106-114.	2.2	5
60	Effects of Adding Multiwall Carbon Nanotubes on Performance of Polyvinyl Acetate and Urea-Formaldehyde Adhesives in Tropical Timber Species. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-15.	1.5	5
61	Optical performance of finished and unfinished tropical timbers exposed to ultraviolet light in the field in Costa Rica. <i>Wood Material Science and Engineering</i> , 2016, 11, 62-78.	1.1	5
62	Evaluation of Changes in Tree Morphology Parameters, Biomass Yield, Chemical and Energy Properties at Three Spacings of Short Rotation Energy Plantations of <i>Gmelina arborea</i> in Costa Rica, from 1 to 2 Years of Age. <i>Waste and Biomass Valorization</i> , 2018, 9, 1163-1179.	1.8	5
63	Development of a Thermo-Hydro-Mechanical Device for Wood Densification Adaptable to Universal Testing Machines and Its Evaluation in a Tropical Species. <i>Journal of Testing and Evaluation</i> , 2021, 49, 2597-2608.	0.4	5
64	Fungal Decay, Coating, Burning Properties and Change of Color of Particleboards Manufactured with Woody Biomass, Agricultural Wastes and Tetra Pak Residues. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2013, 04, 334-342.	1.0	5
65	Silviculture conditions and wood properties of <i>Samanea saman</i> and <i>Enterolobium cyclocarpum</i> in 19-year-old mixed plantations. <i>Forest Systems</i> , 2013, 22, 58.	0.1	5
66	Furfurylation of tropical wood species with and without silver nanoparticles: Part II: Evaluation of wood properties. <i>Wood Material Science and Engineering</i> , 2023, 18, 112-119.	1.1	5
67	<i>Gmelina arborea</i> "death disease" in fast-growth plantations: Effects of soil and climatic conditions on severity and incidence and its implications for wood quality. <i>Forest Systems</i> , 2018, 27, e003.	0.1	5
68	Application of the steaming step during kiln drying of lumber of two tropical species with high growth stress presence. <i>Drying Technology</i> , 2022, 40, 3231-3240.	1.7	5
69	Efeito das propriedades físicas e químicas do solo em algumas propriedades da madeira de teca (<i>Tectona grandis</i>). <i>Revista Arvore</i> , 2010, 34, 1109-1118.	0.5	4
70	EFFECTOS DE LA INTEMPERIE EN EL COLOR DE DOS ACABADOS APLICADOS EN MADERA DE CEDRELA ODORATA Y CARAPA GUIANENSIS. <i>Maderas: Ciencia Y Tecnología</i> , 2010, 12, .	0.7	4
71	Mineral content in relation to radial position, altitude, chemical properties and density of Persian ironwood. <i>Maderas: Ciencia Y Tecnología</i> , 2015, , 0-0.	0.7	4
72	Ultrasound velocity mapping to evaluate gluing quality in CLT panels from plantation wood species. <i>Wood Science and Technology</i> , 2021, 55, 681-696.	1.4	4

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73	Physical and Energy Characteristics, Compression Strength and Chemical Modification of Charcoal Produced from Sixteen Tropical Woods in Costa Rica. <i>Journal of Sustainable Forestry</i> , 2023, 42, 151-169.	0.6	4
74	Characterization of torrefied biomass of five reforestation species (<i>Cupressus lusitanica</i> , <i>Dipteryx</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2017, 12, 7566-7589.	0.5	4
75	APROVECHAMIENTO E INDUSTRIALIZACI“N DE DOS PLANTACIONES DE <i>Gmelina arborea</i> DE 15 A“OS DE EDAD EN DIFERENTES CONDICIONES DE PENDIENTE. <i>Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente</i> , 2013, XIX, 237-248.	0.1	4
76	Characteristics and properties of torrefied biomass pellets from <i>Gmelina arborea</i> and <i>Dipterix panamensis</i> at different times. <i>Revista Chapingo, Serie Ciencias Forestales Y Del Ambiente</i> , 2016, XXII, 325-337.	0.1	4
77	Evaluation of chemical compositions, air-dry, preservation and workability of eight fastgrowing plantation species in Costa Rica. <i>Madera Bosques</i> , 0, 21, .	0.1	4
78	Structure of the secondary xylem and development of a cambial variant in <i>Serjania mexicana</i> (<i>Sapindaceae</i>). <i>IAWA Journal</i> , 2021, 43, 103-115.	0.5	4
79	SURFACE CHEMICAL AND COLOR CHARACTERIZATION OF JUVENILE <i>TECTONA GRANDIS</i> WOOD SUBJECTED TO STEAM-DRYING TREATMENTS. <i>Surface Review and Letters</i> , 2016, 23, 1550091.	0.5	3
80	Evaluation of Bent Trees in Juvenile Teak (<i>Tectona grandis</i> L.f.) Plantations in Costa Rica: Effects on Tree Morphology and Wood Properties. <i>Forests</i> , 2017, 8, 79.	0.9	3
81	Development of successive cambia and formation of flat stems in <i>Rhynchosia pyramidalis</i> (Lam.) Urb. (<i>Fabaceae</i>). <i>Plant Biosystems</i> , 2018, 152, 1031-1038.	0.8	3
82	Effect of Thermo-Treatment on the Physical and Mechanical, Color, Fungal Durability of Wood of <i>Tectona Grandis</i> and <i>Gmelina Arborea</i> from Forest Plantations. <i>Medziagotyra</i> , 2018, 24, .	0.1	3
83	Production and Regression Models for Biomass and Carbon Captured in <i>Gmelina arborea</i> Roxb. Trees in Short Rotation Coppice Plantations in Costa Rica. <i>Forests</i> , 2019, 10, 593.	0.9	3
84	Wooden trusses using metal plate connections and fabricated with <i>Gmelina arborea</i> , <i>Tectona grandis</i> and <i>Cupressus lusitanica</i> timber from forest plantations. <i>Journal of the Indian Academy of Wood Science</i> , 2020, 17, 183-194.	0.3	3
85	Potential for pellet manufacturing with wood waste from construction in Costa Rica. <i>Waste Management and Research</i> , 2020, 38, 886-895.	2.2	3
86	Wood Properties and Their Variations in Teak. <i>Compendium of Plant Genomes</i> , 2021, , 103-137.	0.3	3
87	Furfurylation of tropical wood species with and without silver nanoparticles: Part I: Analysis with confocal laser scanning microscopy and FTIR spectroscopy. <i>Wood Material Science and Engineering</i> , 2022, 17, 410-419.	1.1	3
88	Evaluation of Unmanned Aerial Vehicles (UAV) as a Tool to Predict Biomass and Carbon of <i>Tectona grandis</i> in Silvopastoral Systems (SPS) in Costa Rica. <i>Drones</i> , 2021, 5, 47.	2.7	3
89	Production of Natural Fiber Obtained from the Leaves of Pineapple Plants (<i>Ananas comosus</i>) Cultivated in Costa Rica. , 2014, , 111-124.		3
90	Propiedades de curvas laminadas construidas con chapas vaporizadas con maderas de “rboles de plantaciones de r“pido crecimiento. <i>Madera Bosques</i> , 2011, 17, 85-101.	0.1	3

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91	Properties of wood from 7-year-old <i>Cedrela odorata</i> trees of two different populations growing in agroforestry systems with <i>Theobroma cacao</i> . <i>Madera Bosques</i> , 2017, 24, .	0.1	3
92	Effect of Urea Formaldehyde Resin Modified with Nano-Clay on Physical and Mechanical Properties of Particleboards Manufactured with Wood from Plantation Species. <i>Journal of Biobased Materials and Bioenergy</i> , 2018, 12, 482-492.	0.1	3
93	STRESS, DISPLACEMENT JOINTS OF Gmelina ARBOREA AND TECTONA GRANDIS WOOD WITH METAL PLATES, SCREWS AND NAILS FOR USE IN TIMBER TRUSS CONNECTIONS. <i>Cerne</i> , 2019, 25, 172-183.	0.9	3
94	Identification of endangered or threatened Costa Rican tree species by wood anatomy and fluorescence activity. <i>Revista De Biología Tropical</i> , 2013, 61, 1133-56.	0.1	3
95	In Situ Synthesis of Fe ₃ O ₄ Nanoparticles and Wood Composite Properties of Three Tropical Species. <i>Materials</i> , 2022, 15, 3394.	1.3	3
96	Behavior of a portable solar dryer for pineapple fiber. <i>Ciencia E Agrotecnología</i> , 2012, 36, 674-683.	1.5	2
97	Energy Balance for Three Lignocellulosic Residues Using Different Drying Techniques. <i>BioResources</i> , 2013, 8, .	0.5	2
98	General, physical and mechanical properties, termites resistance and drying defects of lumber of <i>Tectona grandis</i> from plantations of different climatic and sites fertility condition. <i>Journal of the Indian Academy of Wood Science</i> , 2015, 12, 63-73.	0.3	2
99	Model Calibration of Prefabricated Timber Wall Frames Made of <i>Hieronyma Alchorneoides</i> and <i>Gmelina Arborea</i> Timber Using Nail and Screw Fasteners. <i>Drvna Industrija</i> , 2018, 69, 3-12.	0.3	2
100	Effect of nanoclay-treated UF resin on the physical and mechanical properties of plywood manufactured with wood from tropical fast growth plantations. <i>Maderas: Ciencia Y Tecnología</i> , 2018, , 0-0.	0.7	2
101	Reduction of growth stresses in logs of <i>Hieronyma alchorneoides</i> Allemão from fast-growth plantations using steaming and heating: effects on the quality of lumber. <i>Annals of Forest Science</i> , 2021, 78, 1.	0.8	2
102	Diseño, resistencia, tablas de diseño, propuesta de empaque y manuales de uso de cerchas construidas con madera de <i>Gmelina arborea</i> e <i>Hieronyma alchorneoides</i> de plantaciones forestales en Costa Rica. <i>Revista Forestal Mesoamericana Kurá</i> , 2017, 14, 55.	0.1	2
103	Evaluación de la incidencia de pellets y astillas de madera en el desempeño de un gasificador tipo "downdraft". <i>Revista Forestal Mesoamericana Kurá</i> , 0, 15, 23-34.	0.1	2
104	Vigas tipo I para la construcción civil fabricadas con madera de plantaciones de rápido crecimiento en Costa Rica. <i>Tecnología En Marcha</i> , 0, , 50.	0.1	2
105	Wood color variation in undried and kiln-dried plantation-grown lumber of <i>Vochysia guatemalensis</i> . <i>Maderas: Ciencia Y Tecnología</i> , 2009, 11, .	0.7	2
106	CHARACTERIZATION OF PAULOWNIA TOMENTOSA STEUD TREES GROWN IN A 5-YEAR-OLD PLANTATION IN COSTA RICA. <i>Cellulose Chemistry and Technology</i> , 2021, 55, 743-753.	0.5	2
107	Reducing Warp and Checking in 4 by 4 Beams from Small-Diameter Tropical Species (<i>Tectona</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Products Journal, 2015, 65, 285-291.	0.2	2
108	Variation and Genetic Control of the Heartwood, Sapwood, Bark, Wood Color Parameter, and Physical and Mechanical Properties of <i>Dipteryx panamensis</i> in Costa Rica. <i>Forests</i> , 2022, 13, 106.	0.9	2

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109	Mechanical performance in flexure for two spans of trusses from Hieronyma alchorneoides and Gmelina arborea woods fastened with nails and screws. Journal of Tropical Forest Science, 2018, 30, 330-341.	0.1	1
110	Actividades Socioeconómicas que emplean recursos naturales de la zona marítimo-terrestre y marina en Costa Rica y su relación con la variabilidad climática. Política Económica Para El Desarrollo Sostenible, 2017, 2, .	0.1	1
111	Percepción del mercado costarricense acerca del uso cerchas prefabricadas con madera de plantaciones forestales y unidas con placas metálicas. Revista Forestal Mesoamericana Kurá, 2018, 16, 35-46.	0.1	1
112	Propiedades de la biomasa de plantaciones de corta rotación de dos clones de Gmelina arborea Roxb en tres espaciamientos. Revista Forestal Mesoamericana Kurá, 2019, 16, 23-32.	0.1	1
113	CHANGES IN YIELD AND CHEMICAL COMPOSITION OF THREE-YEAR-OLD SHORT-ROTATION PLANTATIONS OF Dipteryx panamensis IN COSTA RICA. Revista Arvore, 0, 44, .	0.5	1
114	Production and Characteristics of Biomass for Arundo donax, Pennisetum purpureum, and P. purpureum – P. glaucum in a Short-Rotation Crop System in Humid Tropical Conditions in Costa Rica. Transactions of the ASABE, 2020, 63, 295-304.	1.1	0
115	Agronomic Effects of Tectona grandis Biochar from Wood Residues on the Growth of Young Cedrela odorata Plants in a Nursery. Agronomy, 2021, 11, 2079.	1.3	0
116	EFFECTO DE LA FERTILIZACIÓN A LA PRADERA SOBRE LA FLEXIÓN ESTÁTICA DE Pinus radiata. D. Don. Maderas: Ciencia Y Tecnología, 2002, 4, .	0.7	0
117	Technical study on the production of blocks with composites of cement-wooden wastes from pallets of Pinus sp. , 2019, 18, 5-15.		0
118	Simulación de gasificación de biomasa enriquecida con hidrocarburos. Tecnología En Marcha, 0, , .	0.1	0
119	The Effects of Jatropha curcas and Ricinus communis Seeds Addition on Coffee Pulp Waste Pellets as Fuel. Waste and Biomass Valorization, 0, , 1.	1.8	0
120	Effect of stem height in variation of bark, heartwood, sapwood and physical properties of wood in <i>Dipteryx panamensis</i> <i>Pittier</i> in a provenance/progeny test. Ciencia Florestal, 2022, 32, 141-162.	0.1	0