

# Jegatheswaran Ratnasingam

## List of Publications by Year in descending order

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112  
papers

928  
citations

643344

15  
h-index

843174

20  
g-index

125  
all docs

125  
docs citations

125  
times ranked

763  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Wood Harvesting Residues and Residual Stand Damage due to Timber Harvesting: A Case Study at PT Austral Byna in Central Kalimantan, Indonesia. <i>International Journal of Forestry Research</i> , 2022, 2022, 1-8.	0.2	0
2	Public perception of the wood products industry in Malaysia and its implication on the future workforce. <i>BioResources</i> , 2022, 17, 2097-2115.	0.5	1
3	Digital technology application among Malaysian value-added wood products manufacturers. <i>BioResources</i> , 2021, 16, 2876-2890.	0.5	4
4	Digital marketing during the COVID-19 pandemic: A case study of its adoption by furniture manufacturers in Malaysia. <i>BioResources</i> , 2021, 16, 3304-3317.	0.5	9
5	Success factors of small and medium enterprises in the Malaysian furniture industry: Discerning the growth of entrepreneurs. <i>BioResources</i> , 2021, 16, 5586-5600.	0.5	0
6	Perceptions by Smallholder Farmers of Forest Plantations in Malaysia. <i>Forests</i> , 2021, 12, 1378.	0.9	1
7	Readiness for and adoption of Industry 4.0 among small and medium sized enterprises in the Malaysian furniture industry. <i>BioResources</i> , 2021, 16, 8289-8308.	0.5	0
8	Suitability of paulownia wood from Malaysia for furniture application. <i>BioResources</i> , 2020, 15, 4727-4737.	0.5	13
9	Assessing the awareness and readiness of the Malaysian furniture industry for Industry 4.0. <i>BioResources</i> , 2020, 15, 4866-4885.	0.5	17
10	How are small and medium enterprises in Malaysia's furniture industry coping with COVID-19 pandemic? Early evidences from a survey and recommendations for policymakers. <i>BioResources</i> , 2020, 15, 5951-5964.	0.5	58
11	Wood coating dust emission in the Malaysian furniture industry: A case study. <i>BioResources</i> , 2020, 15, 6874-6885.	0.5	0
12	Effectiveness of online teaching and learning of wood science and technology courses during the COVID-19 pandemic: Early evidences from a survey of Malaysian universities. <i>BioResources</i> , 2020, 16, 403-416.	0.5	3
13	Optimum Design and Manufacture of Wood Products. , 2019, , .		20
14	Extent of automation and the readiness for industry 4.0 among Malaysian furniture manufacturers. <i>BioResources</i> , 2019, 14, 7095-7110.	0.5	18
15	The prospects of wooden building construction in Malaysia: Current state of affairs. <i>BioResources</i> , 2019, 14, 9840-9852.	0.5	3
16	TRANSFORMING FOREST EDUCATION TO MEET THE CHANGING DEMANDS FOR PROFESSIONALS. <i>Journal of Tropical Forest Science</i> , 2018, 30, 431-438.	0.1	2
17	Innovation in the Malaysian furniture industry: Drivers and challenges. <i>BioResources</i> , 2018, 13, 5254-5270.	0.5	12
18	Fatigue life of oil palm wood (OPW) for furniture applications. <i>European Journal of Wood and Wood Products</i> , 2017, 75, 473-476.	1.3	2

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19	Forestry industry development in Zambia: an opportunity for public private partnership for small and medium enterprises. <i>International Forestry Review</i> , 2017, 19, 467-477.	0.3	2
20	Assessment of the Carbon Footprint of Rubberwood Sawmilling in Peninsular Malaysia: Challenging the Green Label of the Material. <i>BioResources</i> , 2017, 12, .	0.5	5
21	Forestry industry development in Zambia: an opportunity for public private partnership for small and medium enterprises. <i>International Forestry Review</i> , 2017, 19, 467-477.	0.3	4
22	Attributes of Sawn Timber Important for the Manufacturers of Value-Added Wood Products in Malaysia. <i>BioResources</i> , 2016, 11, .	0.5	7
23	The potential of rubber and acacia plantations for forest carbon stocks in Malaysia. <i>International Forestry Review</i> , 2016, 18, 68-77.	0.3	1
24	Surface generation and assessment for peripheral milling. <i>Wood Material Science and Engineering</i> , 2016, 11, 182-188.	1.1	2
25	The effects of nodes and resin on the mechanical properties of laminated bamboo timber produced from <i>Gigantochloa scortechinii</i> . <i>Construction and Building Materials</i> , 2016, 105, 285-290.	3.2	22
26	The Influence of Log Felling Season on the Extent of Discoloration in Rubberwood Sawn Timber during the Kiln Drying Process. <i>BioResources</i> , 2016, 11, .	0.5	2
27	An Analysis of Labor and Capital Productivity in the Malaysian Timber Sector. <i>BioResources</i> , 2016, 12, .	0.5	3
28	Potential Co-Generation of Electrical Energy from Mill Waste: A Case Study of the Malaysian Furniture Manufacturing Industry. <i>BioResources</i> , 2016, 11, .	0.5	2
29	Carbon Stocking in the Natural Forests - The Case of Malaysia. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 278-286.	0.5	4
30	An Assessment of the Carbon Footprint of Tropical Hardwood Sawn Timber Production. <i>BioResources</i> , 2015, 10, .	0.5	2
31	Effects of Industrial Heat Treatment on the Properties of Spruce and Pine Woods. <i>BioResources</i> , 2015, 10, .	0.5	13
32	The Prospects of Rubberwood Biomass Energy Production in Malaysia. <i>BioResources</i> , 2015, 10, .	0.5	20
33	Wood and Wood Products, Markets and Trade. , 2015, , 27-66.		1
34	Assessment of Dust Emission and Working Conditions in the Bamboo and Wooden Furniture Industries in Malaysia. <i>BioResources</i> , 2015, 11, .	0.5	6
35	An Overview of the Forestry Sector in Zambia. , 2015, , 1-26.		0
36	Dust emission characteristics in the bamboo and rattan furniture manufacturing industries. <i>European Journal of Wood and Wood Products</i> , 2015, 73, 561-562.	1.3	3

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37	The fatigue characteristics of two-pin moment-resisting dowel furniture joints with different assembly time and glue-line thickness. <i>European Journal of Wood and Wood Products</i> , 2015, 73, 279-281.	1.3	3
38	Superheated steam application to optimize the kiln drying of rubberwood ( <i>Hevea brasiliensis</i> ). <i>European Journal of Wood and Wood Products</i> , 2015, 73, 407-409.	1.3	10
39	Assessment of Environmental Emissions from Sawmilling Activity in Malaysia. <i>BioResources</i> , 2015, 10, .	0.5	11
40	Public Perception of Forestry Practices in Malaysia. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, .	0.5	3
41	Forestry and forest products industries in Zambia and the role of REDD+ initiatives. <i>International Forestry Review</i> , 2014, 16, 474-484.	0.3	6
42	Status and challenges of ISO 9001 quality system adoption among wooden furniture manufacturers in Malaysia and Vietnam. <i>International Wood Products Journal</i> , 2014, 5, 186-191.	0.6	1
43	Effects of pre-steaming on the drying quality of Rubberwood. <i>European Journal of Wood and Wood Products</i> , 2014, 72, 135-137.	1.3	8
44	Color development in rubberwood ( <i>Hevea brasiliensis</i> ) during kiln drying. <i>European Journal of Wood and Wood Products</i> , 2014, 72, 555-557.	1.3	3
45	The Prediction of Wood Properties from Anatomical Characteristics: The Case of Common Commercial Malaysian Timbers. <i>BioResources</i> , 2014, 9, .	0.5	8
46	Variations in Moisture Content Affect the Shrinkage of <i>Gigantochloa scortechinii</i> and <i>Bambusa vulgaris</i> at Different Heights of the Bamboo Culm. <i>BioResources</i> , 2014, 9, .	0.5	21
47	Effect of adhesive type and glue-line thickness on the fatigue strength of mortise and tenon furniture joints. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 819-821.	1.3	10
48	Finishing characteristics of heat treated and compressed Rubberwood. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 135-137.	1.3	4
49	Load-bearing characteristics of heat-treated rubberwood furniture components and joints. <i>European Journal of Wood and Wood Products</i> , 2013, 71, 287-289.	1.3	2
50	Comparison of structure, regeneration and dead wood in virgin forest remnant and managed forest on GrmeÅ•Mountain in Western Bosnia. <i>Plant Biosystems</i> , 2013, 147, 913-922.	0.8	15
51	The Future of Professional Forestry Education: Trends and Challenges from the Malaysian Perspective. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 12.	0.5	11
52	Innovations in the Forest Products Industry: The Malaysian Experience. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 601.	0.5	6
53	A Review of Different Sawing and Drying Techniques Used in Processing Small-diameter Logs. <i>Journal of Applied Sciences</i> , 2013, 13, 341-347.	0.1	6
54	Quality Expectations in the Malaysian Wooden Furniture Industry: The Foreign Buyers Perspective. <i>Journal of Applied Sciences</i> , 2013, 13, 889-894.	0.1	1

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55	Effect of heat treatment on the machining and other properties of rubberwood. <i>European Journal of Wood and Wood Products</i> , 2012, 70, 759-761.	1.3	14
56	Production Potential of Rubberwood in Malaysia: Its Economic Challenges. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 317.	0.5	16
57	Yield improvement in Rubberwood sawmilling through the saw, dry and rip (SDR) technique. <i>European Journal of Wood and Wood Products</i> , 2012, 70, 525-526.	1.3	5
58	An evaluation of occupational accidents in the wooden furniture industry – A regional study in South East Asia. <i>Safety Science</i> , 2012, 50, 1190-1195.	2.6	15
59	Unsteadiness of the Resource-based Competitive Advantage in Absence of Competitive Strategy: Lessons from the Malaysian Wooden Furniture Industry. <i>Journal of Applied Sciences</i> , 2012, 12, 113-124.	0.1	0
60	Sustainability of the Rubberwood Sector in Malaysia. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 305.	0.5	17
61	Chain of custody certification: an assessment of Ghanaian timber sector. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 113-119.	1.3	7
62	Dust-generation characteristics of hardwoods during sanding processes. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 127-131.	1.3	11
63	Fatigue strength and design stress of oil palm wood for furniture application. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 507-509.	1.3	3
64	Bending and fatigue strength of mortise and tenon furniture joints made from oil palm lumber. <i>European Journal of Wood and Wood Products</i> , 2011, 69, 677-679.	1.3	9
65	Competitive Strategy Trends among the Malaysian Wooden Furniture Industry: An Strategic Groups Analysis. <i>Journal of Applied Sciences</i> , 2011, 11, 2487-2499.	0.1	7
66	Migrant Contract Workers and Occupational Accidents in the Furniture Industry. <i>Journal of Applied Sciences</i> , 2011, 11, 2646-2651.	0.1	3
67	Determinants of Occupational Accidents in the Woodworking Sector: The Case of the Malaysian Wooden Furniture Industry. <i>Journal of Applied Sciences</i> , 2011, 11, 561-566.	0.1	6
68	An Evaluation of the Saw, Dry and Rip Process for the Conversion of Rubberwood. <i>Journal of Applied Sciences</i> , 2011, 11, 2657-2661.	0.1	1
69	Malaysian wooden furniture industry: study of safety standards, compliance and consequential implications. <i>International Wood Products Journal</i> , 2010, 1, 15-20.	0.6	3
70	Drying quality of rubberwood: an industrial perspective. <i>European Journal of Wood and Wood Products</i> , 2010, 68, 115-116.	1.3	12
71	Particle Size Distribution of Wood Dust in Rubberwood ( <i>Hevea Brasiliensis</i> ) Furniture Manufacturing. <i>European Journal of Wood and Wood Products</i> , 2010, 68, 241-242.	1.3	4
72	The Impact of ISO 14001 on the Operations Management of Wooden Furniture Manufacturers in Malaysia. <i>European Journal of Wood and Wood Products</i> , 2010, 68, 479-481.	1.3	5

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73	Awareness Towards Chain of Custody Certification in Africa: the Case of Ghana. <i>Notulae Scientia Biologicae</i> , 2010, 2, 121-127.	0.1	1
74	Dust, Noise and Chemical Solvents Exposure of Workers in the Wooden Furniture Industry in South East Asia. <i>Journal of Applied Sciences</i> , 2010, 10, 1413-1420.	0.1	16
75	Optimizing the Cutting of Tension Wood in Rubberwood: An Economic and Quality Perspective. <i>Journal of Applied Sciences</i> , 2010, 10, 2454-2458.	0.1	3
76	A Review of Cemented Tungsten Carbide Tool Wear during Wood Cutting Processes. <i>Journal of Applied Sciences</i> , 2010, 10, 2799-2804.	0.1	16
77	Fatigue Strength of Mortise and Tenon Furniture Joints Made from Oil Palm Lumber and Some Malaysian Timbers. <i>Journal of Applied Sciences</i> , 2010, 10, 2869-2874.	0.1	10
78	Tool Temperature and Cutting Forces during the Machining of Particleboard and Solid Wood. <i>Journal of Applied Sciences</i> , 2010, 10, 2881-2886.	0.1	17
79	Determinants of Workers Health and Safety in the Malaysian Wooden Furniture Industry. <i>Journal of Applied Sciences</i> , 2010, 10, 425-430.	0.1	5
80	The Safety and Health of Workers in the Malaysian Wooden Furniture Industry: An Assessment of Noise and Chemical Solvents Exposure. <i>Journal of Applied Sciences</i> , 2010, 10, 590-594.	0.1	6
81	Characterizing Surface Defects of Solid Wood of Dark Red Meranti ( <i>Shorea sp.</i> ), Melunak ( <i>Pentace sp.</i> ) and Rubberwood ( <i>Hevea brasiliensis</i> ) in Planing Process. <i>Journal of Applied Sciences</i> , 2010, 10, 915-918.	0.1	5
82	Foreign direct investment (FDI), added value and environmental-friendly practices in furniture manufacturing: the case of Malaysia and Vietnam. <i>International Forestry Review</i> , 2009, 11, 464-474.	0.3	6
83	Tool wear characteristics of oil palm empty fruit bunch (OPEFB) particleboard. <i>Journal of the Institute of Wood Science</i> , 2009, 19, 91-94.	0.0	2
84	The Voluntary Partnership Agreement: the Ghanaian and Malaysian experience. <i>International Forestry Review</i> , 2009, 11, 311-318.	0.3	17
85	Conservation gains through HCVF assessments in Bosnia-Herzegovina and Romania. <i>Biodiversity and Conservation</i> , 2009, 18, 3395-3406.	1.2	30
86	Optimization of finger-jointing in rubberwood processing. <i>European Journal of Wood and Wood Products</i> , 2009, 67, 241-242.	1.3	5
87	Minimizing dust emission during routing operation of rubberwood. <i>European Journal of Wood and Wood Products</i> , 2009, 67, 363-364.	1.3	7
88	Green manufacturing practices among wooden furniture manufacturers in Malaysia. <i>European Journal of Wood and Wood Products</i> , 2009, 67, 485.	1.3	13
89	The Market Potential of Oil Palm Empty-Fruit Bunches Particleboard as a Furniture Material. <i>Journal of Applied Sciences</i> , 2009, 9, 1974-1979.	0.1	10
90	The Impact of ISO 14001 on Production Management Practices: A Survey of Malaysian Wooden Furniture Manufacturers. <i>Journal of Applied Sciences</i> , 2009, 9, 4081-4085.	0.1	8

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91	The Wear Characteristics of Cemented Tungsten Carbide Tools in Machining Oil Palm Empty Fruit Bunch Particleboard. <i>Journal of Applied Sciences</i> , 2009, 9, 3397-3401.	0.1	5
92	Dust-Emission from Abrasive Sanding Processes in the Malaysian Wooden Furniture Industry. <i>Journal of Applied Sciences</i> , 2009, 9, 3770-3774.	0.1	1
93	Reducing fuzziness in abrasive sanding of rubberwood ( <i>Hevea brasiliensis</i> ). <i>European Journal of Wood and Wood Products</i> , 2008, 66, 159-160.	1.3	2
94	Yield studies of rubberwood lumber during rough milling operations. <i>European Journal of Wood and Wood Products</i> , 2008, 66, 467-468.	1.3	9
95	An assessment of Malaysian wooden furniture manufacturers's™ readiness to embrace chain of custody (COC) certification. <i>European Journal of Wood and Wood Products</i> , 2008, 66, 339-343.	1.3	16
96	Chain of Custody certification among Malaysian wooden furniture manufacturers: status and challenges. <i>International Forestry Review</i> , 2008, 10, 23-28.	0.3	19
97	Tool Wear Characteristics of Oil Palm Empty Fruit Bunch Particleboard. <i>Journal of Applied Sciences</i> , 2008, 8, 1594-1596.	0.1	6
98	Evaluation of Some Finishing Properties of Oil Palm Particleboard for Furniture Application. <i>Journal of Applied Sciences</i> , 2008, 8, 1786-1789.	0.1	7
99	Success Factors of Rubberwood as a Furniture Stock in South East Asia. <i>Journal of the Institute of Wood Science</i> , 2007, 17, 327-332.	0.0	0
100	Sustaining the South East Asian Wood Products Sector Through Education: The German Lesson. <i>Journal of the Institute of Wood Science</i> , 2007, 17, 254-258.	0.0	2
101	Influence of wood species on the perceived value of wooden furniture: the case of rubberwood. <i>European Journal of Wood and Wood Products</i> , 2007, 65, 487-489.	1.3	13
102	Optimal Surface Roughness for High-Quality Finish on Rubberwood ( <i>Hevea brasiliensis</i> ). <i>European Journal of Wood and Wood Products</i> , 2006, 64, 343-345.	1.3	14
103	The Asian furniture industry: the reality behind the statistics. <i>European Journal of Wood and Wood Products</i> , 2005, 63, 64-67.	1.3	13
104	Optimizing the abrasive sanding process of rubberwood ( <i>Hevea brasiliensis</i> ). <i>European Journal of Wood and Wood Products</i> , 2004, 62, 411-418.	1.3	3
105	A matter of design in the South East Asian wooden furniture industry. <i>European Journal of Wood and Wood Products</i> , 2003, 61, 151-154.	1.3	17
106	The sustainability of the Asian wooden furniture industry. <i>European Journal of Wood and Wood Products</i> , 2003, 61, 233-237.	1.3	28
107	The abrasive sanding of Rubberwood ( <i>Hevea brasiliensis</i> ): an industrial perspective. <i>European Journal of Wood and Wood Products</i> , 2002, 60, 191-196.	1.3	13
108	Productivity in wood machining processes - a question of simple economics ?. <i>European Journal of Wood and Wood Products</i> , 1999, 57, 51-56.	1.3	9

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109	The productivity imperatives in coated abrasives - Application in furniture manufacturing. European Journal of Wood and Wood Products, 1999, 57, 117-120.	1.3	13
110	An investigation into the tool wearing characteristics of rubberwood ( <i>Hevea brasiliensis</i> ) laminated veneer lumber. European Journal of Wood and Wood Products, 1998, 56, 31-35.	1.3	6
111	Fatigue: it's relevance to furniture. European Journal of Wood and Wood Products, 1997, 55, 297-300.	1.3	11
112	Surface generation and assessment for peripheral milling. , 0, .		1