

Pandian Pitchipoo

List of Publications by Year
in descending order

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Version: 2024-02-01

29
papers

553
citations

759233
12
h-index

642732
23
g-index

29
all docs

29
docs citations

29
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction and characterization of new natural lignocellulosic fiber<i>Cyperus pangorei</i>. International Journal of Polymer Analysis and Characterization, 2016, 21, 175-183.	1.9	110
2	Fuzzy hybrid decision model for supplier evaluation and selection. International Journal of Production Research, 2013, 51, 3903-3919.	7.5	79
3	COPRAS Decision Model to Optimize Blind Spot in Heavy Vehicles: A Comparative Perspective. Procedia Engineering, 2014, 97, 1049-1059.	1.2	49
4	A comparative study on characterisations of <i>Cissus quadrangularis</i> and <i>Phoenix reclinata</i> natural fibres. Journal of Reinforced Plastics and Composites, 2015, 34, 269-280.	3.1	43
5	Mechanical performance of Cissus quadrangularis/polyester composite. Materials Today Communications, 2015, 4, 222-232.	1.9	31
6	Fuzzy based risk prioritisation in an auto LPG dispensing station. Safety Science, 2018, 101, 231-247.	4.9	31
7	Grey decision model for supplier evaluation and selection in process industry: a comparative perspective. International Journal of Advanced Manufacturing Technology, 2015, 76, 2059-2069.	3.0	27
8	Properties of Untreated and Chemically Treated Cissus Quadrangularis Natural Fibers and Their Composites With Polyester as the Matrix. Polymer Composites, 2018, 39, 876-886.	4.6	27
9	A Novel Optimization of Friction Stir Welding Process Parameters on Aluminum Alloy 6061-T6. Materials Today: Proceedings, 2018, 5, 14397-14404.	1.8	24
10	A distinct decision model for the evaluation and selection of a supplier for a chemical processing industry. International Journal of Production Research, 2012, 50, 4635-4648.	7.5	22
11	MOORA-Based Tribological Studies on Red Mud Reinforced Aluminum Metal Matrix Composites. Advances in Tribology, 2013, 2013, 1-8.	2.1	17
12	Investigation of Al-Mg based composite incorporated with MoS ₂ through powder metallurgy. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 986-996.	2.5	13
13	An Efficient Social Spider Optimization for Flexible Job Shop Scheduling Problem. Journal of Advanced Manufacturing Systems, 2018, 17, 181-196.	1.0	11
14	Friction stir welding parameter optimization using novel multi objective dragonfly algorithm. International Journal of Lightweight Materials and Manufacture, 2021, 4, 460-467.	2.1	10
15	Modeling and development of a decision support system for supplier selection in the process industry. Journal of Industrial Engineering International, 2013, 9, 1.	1.8	9
16	A study on tribological behavior of Al-4%Mg incorporated with MoS ₂ . Materials Research Express, 2020, 7, 016578.	1.6	9
17	Synergistic effect of Steel Slag-Molybdenum disulfide particles on fade-recovery performances of non-asbestos organic friction material. Industrial Lubrication and Tribology, 2021, 73, 215-220.	1.3	9
18	Development of Fuzzy Based Intelligent Decision Model to Optimize the Blind Spots in Heavy Transport Vehicles. Promet - Traffic - Traffico, 2016, 28, 1-10.	0.7	6

#	ARTICLE	IF	CITATIONS
19	Surface and subsurface investigation of Al-Mg-MoS ₂ composite on performing wire electrical discharge machining. Surface Topography: Metrology and Properties, 2022, 10, 015047.	1.6	6
20	Characterization and machining analysis of AA3003 honeycomb sandwich. Materials Today: Proceedings, 2020, 28, 4-7.	1.8	5
21	Reduction of blind spots in heavy transport vehicles through the optimisation of driver seat design. International Journal of Computer Aided Engineering and Technology, 2018, 10, 3.	0.2	4
22	Gray optimization of process parameters of surface modification of coconut sheath reinforced polymer composites. Journal of Polymer Engineering, 2013, 33, 665-672.	1.4	3
23	Modelling and development of decision model for supplier selection in process industry. International Journal of Computer Aided Engineering and Technology, 2011, 3, 504.	0.2	2
24	Hybrid optimisation model for blind spot reduction in heavy vehicles. International Journal of Computer Aided Engineering and Technology, 2017, 9, 145.	0.2	2
25	Evaluation and modeling the static and free vibrational behaviours of AA3003/CFRP honeycomb sandwich structures. Materials Research Express, 2020, 7, 105604.	1.6	2
26	Optimization of GMAW Parameters to Improve the Mechanical Properties. Applied Mechanics and Materials, 2015, 813-814, 456-461.	0.2	1
27	Effect of Alkali Treatment on Tensile and Physicochemical Characterization of <i>Cissus quadrangularis</i> Fiber. Applied Mechanics and Materials, 2015, 813-814, 172-178.	0.2	1
28	Characterization of cissus quadrangularis fiber polymer composites along with properties analysis. Materials Research Express, 2021, 8, 065308.	1.6	0
29	Novel Optimization of Friction Welding Parameters to Improve Mechanical Properties. SSRN Electronic Journal, 0, , .	0.4	0