

Pandian Pitchipoo

List of Publications by Year in descending order

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papers

553
citations

759233

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all docs

29
docs citations

29
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Characterization of cissus quadrangularis fiber polymer composites along with properties analysis. Materials Research Express, 2021, 8, 065308.	1.6	0
5	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
6	A study on tribological behavior of Al-4%Mg incorporated with MoS ₂ . Materials Research Express, 2020, 7, 016578.	1.6	9
7	Characterization and machining analysis of AA3003 honeycomb sandwich. Materials Today: Proceedings, 2020, 28, 4-7.	1.8	5
8	Evaluation and modeling the static and free vibrational behaviours of AA3003/CFRP honeycomb sandwich structures. Materials Research Express, 2020, 7, 105604.	1.6	2
9	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
10	An Efficient Social Spider Optimization for Flexible Job Shop Scheduling Problem. Journal of Advanced Manufacturing Systems, 2018, 17, 181-196.	1.0	11
11	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
12	Fuzzy based risk prioritisation in an auto LPG dispensing station. Safety Science, 2018, 101, 231-247.	4.9	31
13	A Novel Optimization of Friction Stir Welding Process Parameters on Aluminum Alloy 6061-T6. Materials Today: Proceedings, 2018, 5, 14397-14404.	1.8	24
14	Hybrid optimisation model for blind spot reduction in heavy vehicles. International Journal of Computer Aided Engineering and Technology, 2017, 9, 145.	0.2	2
15	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
16	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
17	Mechanical performance of Cissus quadrangularis/polyester composite. Materials Today Communications, 2015, 4, 222-232.	1.9	31
18	Optimization of GMAW Parameters to Improve the Mechanical Properties. Applied Mechanics and Materials, 2015, 813-814, 456-461.	0.2	1

#	ARTICLE	IF	CITATIONS
19	A comparative study on characterisations of <i>Cissus quadrangularis</i> and <i>Phoenix reclinata</i> natural fibres. <i>Journal of Reinforced Plastics and Composites</i> , 2015, 34, 269-280.	3.1	43
20	Effect of Alkali Treatment on Tensile and Physicochemical Characterization of <i>Cissus quadrangularis</i> Fiber. <i>Applied Mechanics and Materials</i> , 2015, 813-814, 172-178.	0.2	1
21	Grey decision model for supplier evaluation and selection in process industry: a comparative perspective. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 76, 2059-2069.	3.0	27
22	COPRAS Decision Model to Optimize Blind Spot in Heavy Vehicles: A Comparative Perspective. <i>Procedia Engineering</i> , 2014, 97, 1049-1059.	1.2	49
23	Fuzzy hybrid decision model for supplier evaluation and selection. <i>International Journal of Production Research</i> , 2013, 51, 3903-3919.	7.5	79
24	Modeling and development of a decision support system for supplier selection in the process industry. <i>Journal of Industrial Engineering International</i> , 2013, 9, 1.	1.8	9
25	MOORA-Based Tribological Studies on Red Mud Reinforced Aluminum Metal Matrix Composites. <i>Advances in Tribology</i> , 2013, 2013, 1-8.	2.1	17
26	Gray optimization of process parameters of surface modification of coconut sheath reinforced polymer composites. <i>Journal of Polymer Engineering</i> , 2013, 33, 665-672.	1.4	3
27	A distinct decision model for the evaluation and selection of a supplier for a chemical processing industry. <i>International Journal of Production Research</i> , 2012, 50, 4635-4648.	7.5	22
28	Modelling and development of decision model for supplier selection in process industry. <i>International Journal of Computer Aided Engineering and Technology</i> , 2011, 3, 504.	0.2	2
29	Novel Optimization of Friction Welding Parameters to Improve Mechanical Properties. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0