



## Dr.M.Rajmohan

Associate Professor,  
Anna University

Logistics and Supply Chain Management  
Operations Management  
Metaheuristics  
Data Analytics.

### GET MY OWN PROFILE

	All	Since 2015
Citations	321	279
h-index	9	7
i10-index	9	7

TITLE	CITED BY	YEAR
<a href="#">Application of Grey Taguchi-based response surface methodology (GT-RSM) for optimizing the plasma arc cutting parameters of 304L stainless steel</a> R Adalarasan, M Santhanakumar, M Rajmohan The International Journal of Advanced Manufacturing Technology 78 (5-8 ...	59	2015
<a href="#">Optimization of laser cutting parameters for Al6061/SiCp/Al<sub>2</sub>O<sub>3</sub> composite using grey based response surface methodology (GRSM)</a> R Adalarasan, M Santhanakumar, M Rajmohan Measurement 73, 596-606	57	2015
<a href="#">Experimental modelling and analysis in abrasive waterjet cutting of ceramic tiles using grey-based response surface methodology</a> M Santhanakumar, R Adalarasan, M Rajmohan Arabian Journal for Science and Engineering 40 (11), 3299-3311	38	2015
<a href="#">Genetic algorithm based approach for vehicle routing problem with time windows</a> M Rajmohan, P Shahabudeen International Journal of Logistics Systems and Management 4 (3), 338-365	25	2008
<a href="#">Parameter design for cut surface characteristics in abrasive waterjet cutting of Al/SiC/Al<sub>2</sub>O<sub>3</sub> composite using grey theory based RSM</a> M Santhanakumar, R Adalarasan, M Rajmohan Journal of Mechanical Science and Technology 30 (1), 371-379	24	2016
<a href="#">A multi-criteria decision making model for outsourcing inbound logistics of an automotive industry using the AHP and TOPSIS</a> N Ramkumar, P Subramanian, M Rajmohan International Journal of Enterprise Network Management 3 (3), 223-245	18	2009
<a href="#">Metaheuristic for solving routing problem in logistics management</a> M Rajmohan, P Shahabudeen International Journal of Operational Research 6 (2), 223-246	13	2009
<a href="#">Supply chain strategy decisions for sustainable development using an integrated multi-criteria decision-making approach</a> V Sreekumar, M Rajmohan Sustainable Development 27 (1), 50-60	12	2019
<a href="#">An integrated approach of TOPSIS and response surface methodology for optimising the micro WEDM parameters</a> M Santhanakumar, R Adalarasan, SS Raj, M Rajmohan International Journal of Operational Research 28 (1), 18-34	10	2017
<a href="#">Heuristic for solving routing problem in supply chain management</a> M Rajmohan, P Shahabudeen International Journal of Applied Decision Sciences 1 (2), 153-178	7	2008

TITLE	CITED BY	YEAR
<b>Integrating fuzzy Delphi method and analytic hierarchy process for the selection of post-harvest technology</b> J Tipmontian, KS Rao, M Rajmohan European Journal of Scientific Research 80 (2), 244-259	6	2012
<b>Multi-objective Optimisation of Multi-robot Task Allocation with Precedence Constraints.</b> K Padmanabhan Panchu, M Rajmohan, R Sundar, R Baskaran Defence Science Journal 68 (2)	5	2018
<b>Parameter design in plasma arc cutting of galvanised iron sheet using desirability function-based response surface methodology</b> M Santhanakumar, R Adalarasan, M Rajmohan International Journal of Manufacturing Research 10 (3), 199-214	5	2015
<b>Application of desirability analysis for optimizing the micro wire electrical discharge machining (<math>\mu</math>WEDM) parameters</b> M Santhanakumar, R Adalarasan, M Rajmohan Applied Mechanics and Materials 592, 77-81	5	2014
<b>Optimization of weld characteristics of friction welded Al</b> R Adalarasan, M Santhanakumar, A Shanmugasundaram, M Rajmohan SiCp composites using grey relational analysis and principal component ...	5	2013
<b>Facility location of organ procurement organisations in Indian health care supply chain management</b> M Rajmohan, C Theophilus, MR Sumalatha, S Saravanakumar South African Journal of Industrial Engineering 28 (1), 90-102	4	2017
<b>Awareness on Oral Health among Ayurvedha and Siddha Practitioners in Chennai, Tamil Nadu: A Questionnaire Study</b> M Rajmohan, PD Madankumar, M Shivakumar Medical Journal of Islamic World Academy of Sciences 109 (426), 1-6	4	2012
<b>Selection of Handling of Route in Postharvest Supply Chain using Fuzzy Delphi Method and Dynamic Programming</b> J Tipmontian, KS Rao, M Rajmohan Journal of Applied Sciences Research 8 (8), 4207-4214	4	2012
<b>Impact of Blockchain Adoption for Safe Food Supply Chain Management through System Dynamics Approach from Management Perspectives in Thailand</b> J Tipmontian, JC Alcover, M Rajmohan Multidisciplinary Digital Publishing Institute Proceedings 39 (1), 14	3	2020
<b>Route planning integrated multi objective task allocation for reconfigurable robot teams using genetic algorithm</b> KP Panchu, M Rajmohan, MR Sumalatha, R Baskaran Journal of Computational and Theoretical Nanoscience 15 (2), 627-636	3	2018
<b>Supply chain sustainability strategy selection using integrated multi-criteria decision-making method</b> V Sreekumar, M Rajmohan International Journal of Logistics Systems and Management 31 (4), 483-505	3	2018

TITLE	CITED BY	YEAR
<a href="#">Analysis on abrasive waterjet cutting of glazed vitreous tiles using Taguchi-based RSM</a> M Santhanakumar, R Adalarasan, M Rajmohan International Journal of Manufacturing Technology and Management 31 (5), 472-489	3	2017
<a href="#">Prioritization Of Risks In Bicycle Supply Chain Using Multi Criteria Decision Making</a> S Hariharan, M Rajmohan Decision Making 33, 42	3	2015
<a href="#">Optimizing Wear Behavior of Epoxy Composites Using Response Surface Methodology and Artificial Neural Networks</a> D Satish Kumar, M Rajmohan Polymer Composites 40 (7), 2812-2818	1	2019
<a href="#">Prioritization Of Risks In Bicycle Supply Chain Using Fuzzy Analytic Hierarchy Process</a> S Hariharan, M Rajmohan International Journal of Engineering Research and Technology 8 (1), 12-16	1	2019
<a href="#">Tribology on Epoxy/Glass Fiber/Carbon Composites-Taguchi Approach</a> D Satish Kumar, M Rajmohan, TR Tamilarasan Journal of Computational and Theoretical Nanoscience 14 (12), 5922-5926	1	2017
<a href="#">An Investigation in Abrasive Waterjet Cutting of Al6061/SiC/Al2O3 Composite Using Principal Component Based Response Surface Methodology</a> M Santhanakumar, R Adalarasan, M Rajmohan International Journal of Manufacturing, Materials, and Mechanical ...	1	2016
<a href="#">OPTIMISATION OF VACCUM BRAZING CONDITIONS FOR JOINING STAINLESS STEEL 321 SHEETS BY NICKEL BASED BRAXE FOIL FOR REGENERIVE ROCKET NOZZLE APPLICATIONS BY TAGUCHI METHOD</a> DP Sudhakar, AK Jha, VV Babu, M Rajmohan, AE Muthunayagam	1	2011
<a href="#">Engineering Note</a> RC Mehta, R Kumar, AK Ghosh, R Prabhakaran, S Thirunavukkarasu, ...		
<a href="#">Performance Evaluation of Reconfigurable Mixed Model Assembly Line</a> A Paramasivam, M Rajmohan, KSP Rao		
<a href="#">Risks based Prioritization of Supply Chain Using Analytic Hierarchy Process</a> S Hariharan, M Rajmohan		
<a href="#">A NEW HYBRID METHODOLOGY FOR SELECTION OF THIRD PARTY LOGISTICS</a> M THILAGARAJ, M RAJMOHAN		
<a href="#">Metaheuristic solutions for vehicle routing problem with time windows in supply chain management</a> M Rajmohan Chennai		