

Vinay V Panicker

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

662
citations

1051969

10
h-index

651938

25
g-index

63
all docs

63
docs citations

63
times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal transportation planning with freight consolidation and volume discount on rail freight rate. <i>Transportation Letters</i> , 2022, 14, 227-244.	1.8	4
2	Application of Machine Learning Algorithms in the Mitigation Phase of Disaster Management - A review. <i>International Journal of Social Ecology and Sustainable Development</i> , 2022, 13, 0-0.	0.1	0
3	Workplace-based assessment and intervention design for waste sorting tasks in a developing country. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2022, 47, 1.	0.8	1
4	Impact of musculoskeletal disorders on various agricultural operations: a systematic review. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2022, 47, 1.	0.8	2
5	Ergonomic Risk Assessment of Rubber Tappers Using Rapid Entire Body Assessment (REBA). <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 709-717.	0.3	2
6	Ergonomic Risk Assessment of Rubber Tappers Using Ovako Working Posture Analysing System (OWAS). <i>Lecture Notes in Networks and Systems</i> , 2022, , 1531-1541.	0.5	1
7	Ergonomic risk and physiological assessment of plogging activity. <i>Work</i> , 2022, , 1-12.	0.6	1
8	A variable neighbourhood search enhanced estimation of distribution algorithm for quadratic assignment problems. <i>Opsearch</i> , 2021, 58, 203-233.	1.1	0
9	Assessing Cognitive Behavior of Subjects Using Learning Effect and NASA-TLX in a Manual Pen Assembly. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 401-410.	0.3	1
10	Computer-Aided Ergonomic Analysis for Rubber Tapping Workers. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 57-67.	0.3	0
11	Food grain rake allocation planning considering inventory and warehouse parameters " A model and application for India. <i>Research in Transportation Business and Management</i> , 2021, , 100628.	1.6	0
12	Ergonomic evaluation of work table for waste sorting tasks using digital human modelling. <i>International Journal of Industrial Ergonomics</i> , 2021, 84, 103146.	1.5	9
13	Computer-Aided Ergonomic Analysis for Rubber Tapping Workers. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 293-302.	0.3	4
14	Environmental friendly route design for a milk collection problem: the case of an Indian dairy. <i>International Journal of Production Research</i> , 2020, , 1-30.	4.9	7
15	Biomechanical and Virtual Analysis for Hand Reach in a Manual Sorting Task. , 2020, , .		0
16	Redirecting Freight Trains: An Exact Optimization Approach. <i>Transportation Research Procedia</i> , 2020, 48, 137-149.	0.8	1
17	Dynamic tail re-assignment model for optimal line-of-flight breakages. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020, 45, 1.	0.8	0
18	Genetic algorithm for quadratic assignment problems: application of Taguchi method for optimisation. <i>International Journal of Operational Research</i> , 2020, 38, 193.	0.1	0

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19	Experimental analysis of cognitive issues impacting manual assembly task. , 2020, , .		1
20	Large-scale model and solution for integrated maintenance routing and tail assignment problem in airline industry. International Journal of Industrial and Systems Engineering, 2020, 36, 384.	0.1	0
21	Predictive models for rail-wagon detention in food grain logistics: a technological intervention. International Journal of Value Chain Management, 2020, 11, 250.	0.1	0
22	Simulation modelling and analysis of warehouse operations in a food grain supply chain. International Journal of Logistics Systems and Management, 2020, 37, 465.	0.2	0
23	Posture based Assessment of Plogging Activity. , 2020, , .		6
24	Development of a Patient Scheduling System for a Radio Diagnosis Department. Hospital Topics, 2019, 97, 87-98.	0.3	2
25	Observation-based Postural Assessment of Waste Sorting Tasks. , 2019, , .		0
26	Performance Analysis of Storage Warehouses in a Food Grain Supply Chain using Data Envelopment Analysis. , 2019, , .		1
27	Ergonomic interventions among waste collection workers: A systematic review. International Journal of Industrial Ergonomics, 2019, 72, 158-172.	1.5	30
28	Multi-Product Multi-Period Fixed Charge Transportation Problem: an Ant Colony Optimization Approach. IFAC-PapersOnLine, 2019, 52, 1937-1942.	0.5	6
29	Development of modified discrete particle swarm optimization algorithm for quadratic assignment problems. International Journal of Industrial Engineering Computations, 2018, , 491-508.	0.4	9
30	Simulation model for the analysis of Patient Scheduling Process in Radio Diagnosis Department. , 2018, , .		0
31	Solving a Heterogeneous Fleet Vehicle Routing Model - A practical approach. , 2018, , .		3
32	Hybrid estimation of distribution algorithms for solving a keyboard layout problem. Journal of Industrial and Production Engineering, 2018, 35, 352-367.	2.1	6
33	A mathematical model and solution methods for rail freight transportation planning in an Indian food grain supply chain. Sadhana - Academy Proceedings in Engineering Sciences, 2018, 43, 1.	0.8	7
34	A heuristic algorithm enhanced with probability-based incremental learning and local search for dynamic facility layout problems. International Journal of Applied Decision Sciences, 2018, 11, 352.	0.2	2
35	A two-stage supply chain problem with fixed costs: An ant colony optimization approach. International Journal of Production Economics, 2018, 204, 214-226.	5.1	35
36	Development of an ant colony optimisation-based heuristic for a location-routing problem in a two-stage supply chain. International Journal of Value Chain Management, 2018, 9, 38.	0.1	7

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37	Development of an ant colony optimisation-based heuristic for a location-routing problem in a two-stage supply chain. <i>International Journal of Value Chain Management</i> , 2018, 9, 38.	0.1	1
38	Design and development of a hybrid ant colony-variable neighbourhood search algorithm for a multi-depot green vehicle routing problem. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 57, 422-457.	3.2	87
39	Ant colony optimisation algorithm for location routing decisions in a supply chain. <i>International Journal of Value Chain Management</i> , 2016, 7, 285.	0.1	5
40	Parameter Selection of Discrete Particle Swarm Optimization Algorithm for the Quadratic Assignment Problems. <i>Procedia Technology</i> , 2016, 25, 998-1005.	1.1	10
41	Ant colony optimisation algorithm for location routing decisions in a supply chain. <i>International Journal of Value Chain Management</i> , 2016, 7, 285.	0.1	0
42	Ant Colony Algorithm for Single Stage Supply Chain. , 2014, , 131-142.		0
43	Ant Colony Algorithm for Two Stage Supply Chain. , 2014, , 143-155.		0
44	Taguchi method for parameter design in ACO algorithm for distribution allocation in a two-stage supply chain. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 64, 1333-1343.	1.5	21
45	Ant colony optimisation algorithm for distribution-allocation problem in a two-stage supply chain with a fixed transportation charge. <i>International Journal of Production Research</i> , 2013, 51, 698-717.	4.9	37
46	Benchmarking the interactions among barriers in third-party logistics implementation. <i>Benchmarking</i> , 2013, 20, 805-824.	2.9	65
47	Ant colony optimisation for location routing problem and its application to bill delivery services. <i>International Journal of Logistics Systems and Management</i> , 2013, 14, 1.	0.2	7
48	Transformation process in engineering education: A holistic approach. , 2012, , .		0
49	Three-stage supply chain allocation with fixed cost. <i>Journal of Manufacturing Technology Management</i> , 2012, 23, 853-868.	3.3	6
50	Development and analysis of heuristic algorithms for a two-stage supply chain allocation problem with a fixed transportation cost. <i>International Journal of Services and Operations Management</i> , 2012, 12, 244.	0.1	12
51	Supply chain risk management and its mitigation in a food industry. <i>International Journal of Production Research</i> , 2012, 50, 3039-3050.	4.9	212
52	Modelling supply chain decision problem with fixed charge – a review. <i>International Journal of Business Performance and Supply Chain Modelling</i> , 2011, 3, 195.	0.2	3
53	Service innovation for the user interface of an ATM catering to the needs of the student community. , 2011, , .		3
54	A conceptual view on the scope and scale of growth of third party logistics provider services in India. <i>International Journal of Enterprise Network Management</i> , 2009, 3, 43.	0.2	5

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55	Conceptual study on 3PL/4PL/ new trends for service industry. International Journal of Services, Technology and Management, 2009, 12, 3.	0.1	12
56	Comments on "Nonlinear fixed charge transportation problem by spanning tree-based genetic algorithm" by Jung-Bok Jo, Yinzhen Li, Mitsuo Gen, Computers & Industrial Engineering (2007). Computers and Industrial Engineering, 2008, 55, 533-534.	3.4	16
57	A Nelder and Mead Methodology for Solving Small Fixed-Charge Transportation Problems. International Journal of Information Systems and Supply Chain Management, 2008, 1, 60-72.	0.6	6