

# Dhananjay Thiruvady

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic Flow Shop Robotic Cell Scheduling Problem With Multiple Part Types. IEEE Transactions on Engineering Management, 2022, 69, 3240-3252.	2.4	4
2	Automated Design of Multipass Heuristics for Resource-Constrained Job Scheduling With Self-Competitive Genetic Programming. IEEE Transactions on Cybernetics, 2022, 52, 8603-8616.	6.2	7
3	Surrogate-assisted population based ACO for resource constrained job scheduling with uncertainty. Swarm and Evolutionary Computation, 2022, 69, 101029.	4.5	10
4	Augmenting Graph Convolutional Neural Networks with Highpass Filters. Lecture Notes in Computer Science, 2021, , 77-86.	1.0	0
5	A Genetic Programming Approach for Evolving Variable Selectors in Constraint Programming. IEEE Transactions on Evolutionary Computation, 2021, 25, 492-507.	7.5	4
6	Allocating Students to Industry Placements Using Integer Programming and Ant Colony Optimisation. Algorithms, 2021, 14, 219.	1.2	2
7	Bio-inspired heuristic dynamic programming for high-precision real-time flow control in a multi-tributary river system. Knowledge-Based Systems, 2021, 230, 107381.	4.0	3
8	Artificial Intelligence and the Transformation of Digital Education. Advances in E-Business Research Series, 2021, , 24-41.	0.2	0
9	Large neighbourhood search based on mixed integer programming and ant colony optimisation for car sequencing. International Journal of Production Research, 2020, 58, 2696-2711.	4.9	11
10	An Ant Colony Optimisation Based Heuristic for Mixed-model Assembly Line Balancing with Setups. , 2020, , .		6
11	Multi-objective Beam-ACO for Maximising Reliability and Minimising Communication Overhead in the Component Deployment Problem. Algorithms, 2020, 13, 252.	1.2	3
12	Solution Merging in Matheuristics for Resource Constrained Job Scheduling. Algorithms, 2020, 13, 256.	1.2	13
13	Minimising Cycle Time in Assembly Lines: A Novel Ant Colony Optimisation Approach. Lecture Notes in Computer Science, 2020, , 125-137.	1.0	0
14	A hybrid differential evolution algorithm with column generation for resource constrained job scheduling. Computers and Operations Research, 2019, 109, 273-287.	2.4	24
15	A Biased Random Key Genetic Algorithm with Rollout Evaluations for the Resource Constraint Job Scheduling Problem. Lecture Notes in Computer Science, 2019, , 549-560.	1.0	5
16	Parallel ant colony optimization for resource constrained job scheduling. Annals of Operations Research, 2016, 242, 355-372.	2.6	43
17	A mixed integer linear programming model for reliability optimisation in the component deployment problem. Journal of the Operational Research Society, 2016, 67, 1050-1060.	2.1	11
18	A Lagrangian-ACO matheuristic for car sequencing. EURO Journal on Computational Optimization, 2014, 2, 279-296.	1.5	18

#	ARTICLE	IF	CITATIONS
19	A lagrangian relaxation and ACO hybrid for resource constrained project scheduling with discounted cash flows. Journal of Heuristics, 2014, 20, 643-676.	1.1	20
20	Constraint Programming and Ant Colony System for the Component Deployment Problem. Procedia Computer Science, 2014, 29, 1937-1947.	1.2	10
21	Constraint-based ACO for a shared resource constrained scheduling problem. International Journal of Production Economics, 2013, 141, 230-242.	5.1	29
22	Hybridizing Beam-ACO with Constraint Programming for Single Machine Job Scheduling. Lecture Notes in Computer Science, 2009, , 30-44.	1.0	13