

# R Dhanalakshmi

## List of Publications by Year in descending order

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38  
papers

651  
citations

840776  
11  
h-index

677142  
22  
g-index

39  
all docs

39  
docs citations

39  
times ranked

517  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A novel control factor and Brownian motion-based improved Harris Hawks Optimization for feature selection. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 8631-8653.                            | 4.9 | 9         |
| 2  | Stability of feature selection algorithm: A review. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1060-1073.   | 3.9 | 167       |
| 3  | Evolution of recommender paradigm optimization over time. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 1047-1059.   | 3.9 | 7         |
| 4  | Stability Investigation of Improved Whale Optimization Algorithm in the Process of Feature Selection. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2022, 39, 286-300. | 3.2 | 10        |
| 5  | DNN-MF: deep neural network matrix factorization approach for filtering information in multi-criteria recommender systems. Neural Computing and Applications, 2022, 34, 10807-10821.                                | 5.6 | 17        |
| 6  | Forecasting COVID-19 Pandemic Using Prophet, ARIMA, and Hybrid Stacked LSTM-GRU Models in India. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-19.  | 1.3 | 14        |
| 7  | Enabling self-adaptability of small scale and large scale security systems using dynamic partial reconfiguration. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 9387-9403.                     | 4.9 | 1         |
| 8  | Building a fuzzy logic-based McCulloch-Pitts Neuron recommendation model to uplift accuracy. Journal of Supercomputing, 2021, 77, 2251-2267.  | 3.6 | 3         |
| 9  | A combined big data analytics and Fuzzy DEMATEL technique to improve the responsiveness of automotive supply chains. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 7949-7963.                  | 4.9 | 13        |
| 10 | A Survey on Hyperledger Frameworks, Tools, and Applications. , 2021, , 25-43.   |     | 1         |
| 11 | Improved salp swarm algorithm based on the levy flight for feature selection. Journal of Supercomputing, 2021, 77, 12399-12419.   | 3.6 | 18        |
| 12 | Analysing barriers of sustainable transportation systems in India using Grey-DEMATEL approach: A supply chain perspective. International Journal of Sustainable Engineering, 2021, 14, 419-432.                     | 3.5 | 19        |
| 13 | Efficient parent selection for RPL using ACO and coverage based dynamic trickle techniques. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4377-4391.   | 4.9 | 8         |
| 14 | An intelligent approach for energy efficient trajectory design for mobile sink based IoT supported wireless sensor networks. Peer-to-Peer Networking and Applications, 2020, 13, 2011-2022.                         | 3.9 | 39        |
| 15 | Building a Fuzzy Logic-Based Artificial Neural Network to Uplift Recommendation Accuracy. Computer Journal, 2020, 63, 1624-1632.  | 2.4 | 7         |
| 16 | A recommender system based on a new similarity metric and upgraded crow search algorithm. Journal of Intelligent and Fuzzy Systems, 2020, 39, 3167-3182.  | 1.4 | 4         |
| 17 | Multi-depot vehicle routing problem based on customer satisfaction. International Journal of Services, Technology and Management, 2020, 26, 252.  | 0.1 | 4         |
| 18 | Effects of Random Forest Parameters in the Selection of Biomarkers. Computer Journal, 2020, , .   | 2.4 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | High-dimensional microarray dataset classification using an improved adam optimizer (iAdam). Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 5187-5204.                           | 4.9 | 31        |
| 20 | TimeFly algorithm: a novel behavior-inspired movie recommendation paradigm. Pattern Analysis and Applications, 2020, 23, 1727-1734.  | 4.6 | 5         |
| 21 | A hybrid metaheuristics approach for a multi-depot vehicle routing problem with simultaneous deliveries and pickups. International Journal of Mathematics in Operational Research, 2019, 15, 197.    | 0.2 | 3         |
| 22 | Evolution of recommender system over the time. Soft Computing, 2019, 23, 12169-12188.  | 3.6 | 19        |
| 23 | Optimizing Feature Selection Parameters using Statistically Equivalent Signature (SES) Algorithm. , 2019, , .  |     | 1         |
| 24 | Blockchain-Based Smart Contract for E-Bidding System. , 2019, , .  |     | 10        |
| 25 | Green supply chain performance evaluation model for automotive manufacturing industries by using eco-balanced scorecard. International Journal of Services and Operations Management, 2019, 33, 442. | 0.2 | 4         |
| 26 | Selection of Transportation Channels in Closed-Loop Supply Chain Using Meta-Heuristic Algorithm. International Journal of Information Systems and Supply Chain Management, 2018, 11, 64-86.          | 0.9 | 13        |
| 27 | Analysis and prioritisation of eco drivers in supply chain. International Journal of Logistics Systems and Management, 2018, 31, 336.  | 0.2 | 1         |
| 28 | Multi-objective optimisation for the vehicle routing problem using metaheuristics. International Journal of Enterprise Network Management, 2018, 9, 117.   | 0.3 | 1         |
| 29 | Efficient Cohort Nearest Neighbor (CNN) Technique to leverage Recommender Systems. , 2018, , .   |     | 2         |
| 30 | Sustainable transportation systems performance evaluation using fuzzy logic. Ecological Indicators, 2016, 71, 503-513.   | 6.3 | 108       |
| 31 | Centralised against distributed medium access control scheduling for environmental monitoring sensors. IET Wireless Sensor Systems, 2015, 5, 271-276.  | 1.7 | 3         |
| 32 | Prolonging the Lifetime of Wireless Sensor Networks Interconnected to Fixed Network Using Hierarchical Energy Tree Based Routing Algorithm. Scientific World Journal, The, 2014, 2014, 1-12.         | 2.1 | 1         |
| 33 | A heuristic to generate input sequence for simulated annealing to solve VRP. International Journal of Enterprise Network Management, 2010, 4, 26.  | 0.3 | 0         |
| 34 | A simulated annealing approach to solve fuzzy multi-objective linear model for supplier selection in a supply chain. , 2010, , .   |     | 0         |
| 35 | Genetic Algorithm to Solve Multi-Period, Multi-Product, Bi-Echelon Supply Chain Network Design Problem. International Journal of Information Systems and Supply Chain Management, 2009, 2, 24-42.    | 0.9 | 10        |
| 36 | Modelling of single sourcing, multiperiod, multivendor, multibuyer based VMI. International Journal of Enterprise Network Management, 2009, 3, 165.  | 0.3 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | An adaptive fuzzy rule based energy efficient clustering and immune-inspired routing protocol for WSN-assisted IoT system. Journal of Ambient Intelligence and Humanized Computing, 0, , 1. | 4.9 | 86        |
| 38 | Genetic Algorithm to Solve Multi-Period, Multi-Product, Bi-Echelon Supply Chain Network Design Problem. , 0, , 273-289.   |     | 0         |