

Dr Rajani K Poonia

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | NLFFT: A Novel Fault Tolerance Model Using Artificial Intelligence to Improve Performance in Wireless Sensor Networks. IEEE Access, 2020, 8, 149231-149254. | 4.2 | 33 |
| 2 | An enhanced energy efficient routing protocol for VANET using special cross over in genetic algorithm. Journal of Statistics and Management Systems, 2019, 22, 1349-1364. | 0.6 | 30 |
| 3 | Fitness Based Position Update in Spider Monkey Optimization Algorithm. Procedia Computer Science, 2015, 62, 442-449. | 2.0 | 25 |
| 4 | A Novel Hybrid Crossover based Artificial Bee Colony Algorithm for Optimization Problem. International Journal of Computer Applications, 2013, 82, 18-25. | 0.2 | 21 |
| 5 | Robot Path Planning Using Modified Artificial Bee Colony Algorithm. Advances in Intelligent Systems and Computing, 2020, , 25-36. | 0.6 | 19 |
| 6 | Arrhenius Artificial Bee Colony Algorithm. Lecture Notes in Networks and Systems, 2019, , 187-195. | 0.7 | 18 |
| 7 | Artificial Bee Colony, Firefly Swarm Optimization, and Bat Algorithms. , 2018, , 145-182. | | 17 |
| 8 | Memetic Search in Differential Evolution Algorithm. International Journal of Computer Applications, 2014, 90, 40-47. | 0.2 | 17 |
| 9 | Fuzzified Expert System for Employability Assessment. Procedia Computer Science, 2015, 62, 99-106. | 2.0 | 14 |
| 10 | Opposition based levy flight search in differential evolution algorithm. , 2014, , . | | 11 |
| 11 | Hyperbolic Spider Monkey Optimization Algorithm. Recent Advances in Computer Science and Communications, 2020, 13, 35-42. | 0.7 | 11 |
| 12 | Improved Onlooker Bee Phase in Artificial Bee Colony Algorithm. International Journal of Computer Applications, 2014, 90, 20-25. | 0.2 | 10 |
| 13 | Memetic search in Artificial Bee Colony algorithm with fitness based position update. , 2014, , . | | 8 |
| 14 | Air Conditioning System with Fuzzy Logic and Neuro-Fuzzy Algorithm. Advances in Intelligent Systems and Computing, 2014, , 233-242. | 0.6 | 8 |
| 15 | Design and Implementation of Modified Fuzzy based CPU Scheduling Algorithm. International Journal of Computer Applications, 2013, 77, 1-6. | 0.2 | 8 |
| 16 | FOCOMO: Forecasting and monitoring the worldwide spread of COVID-19 using machine learning methods. Journal of Interdisciplinary Mathematics, 2021, 24, 443-466. | 0.7 | 6 |
| 17 | Early diagnosis of COVID-19 patients using deep learning-based deep forest model. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 365-375. | 2.8 | 6 |
| 18 | Lunar cycle inspired PSO for single machine total weighted tardiness scheduling problem. Evolutionary Intelligence, 2021, 14, 1355. | 3.6 | 5 |

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|----|---|-----|-----------|
| 19 | Adaptive Neural Fuzzy Inference System for Employability Assessment. International Journal of Computer Applications Technology and Research, 2014, 3, 159-164. | 0.1 | 5 |
| 20 | Multi-class SVM based network intrusion detection with attribute selection using infinite feature selection technique. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 2137-2153. | 0.8 | 5 |
| 21 | Sigmoidal Salp Swarm Algorithm. , 2020, , . | | 4 |
| 22 | Revisiting agile software development process based on latest software industry trends. Journal of Information and Optimization Sciences, 2020, 41, 533-541. | 0.3 | 3 |
| 23 | Intrusion Detection System for Securing Computer Networks Using Machine Learning: A Literature Review. Advances in Intelligent Systems and Computing, 2021, , 177-189. | 0.6 | 3 |
| 24 | Modified grasshopper optimisation algorithm. , 2020, , . | | 2 |
| 25 | A Review of Nature-Inspired Algorithm-Based Multi-objective Routing Protocols. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 527-538. | 0.7 | 1 |
| 26 | Secure Multi-objective Hybrid Routing Protocol For Wireless Sensor Network. Recent Patents on Engineering, 2021, 15, . | 0.4 | 1 |
| 27 | Brain Tumour Diagnosis. , 2019, , 45-64. | | 1 |
| 28 | Dung Beetle-Inspired Local Search inÂPSO forÂLSSMTWTS Problem. Algorithms for Intelligent Systems, 2022, , 537-546. | 0.6 | 1 |
| 29 | Swarm Intelligence and Evolutionary Algorithms for Diabetic Retinopathy Detection. , 2019, , 65-92. | | 0 |