

Ali Asghar Rahmani Hosseinabadi

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,243
citations

430442

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377514

34
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all docs

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docs citations

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times ranked

1218
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Survey on clustering in heterogeneous and homogeneous wireless sensor networks. <i>Journal of Supercomputing</i> , 2018, 74, 277-323. | 2.4 | 142 |
| 2 | Extended Genetic Algorithm for solving open-shop scheduling problem. <i>Soft Computing</i> , 2019, 23, 5099-5116. | 2.1 | 133 |
| 3 | IoT Resource Allocation and Optimization Based on Heuristic Algorithm. <i>Sensors</i> , 2020, 20, 539. | 2.1 | 104 |
| 4 | Energy Consumption in Point-Coverage Wireless Sensor Networks via Bat Algorithm. <i>IEEE Access</i> , 2019, 7, 180258-180269. | 2.6 | 88 |
| 5 | An improved ant colony optimization for the multi-trip Capacitated Arc Routing Problem. <i>Computers and Electrical Engineering</i> , 2019, 77, 457-470. | 3.0 | 79 |
| 6 | A Hybrid Genetic Algorithm for Multi-Trip Green Capacitated Arc Routing Problem in the Scope of Urban Services. <i>Sustainability</i> , 2018, 10, 1366. | 1.6 | 73 |
| 7 | A new clustering protocol for energy harvesting-wireless sensor networks. <i>Computers and Electrical Engineering</i> , 2017, 64, 233-247. | 3.0 | 72 |
| 8 | An enhancement of task scheduling in cloud computing based on imperialist competitive algorithm and firefly algorithm. <i>Journal of Supercomputing</i> , 2020, 76, 6302-6329. | 2.4 | 62 |
| 9 | Using the gravitational emulation local search algorithm to solve the multi-objective flexible dynamic job shop scheduling problem in Small and Medium Enterprises. <i>Annals of Operations Research</i> , 2015, 229, 451-474. | 2.6 | 55 |
| 10 | Energy-Aware Geographic Routing for Real-Time Workforce Monitoring in Industrial Informatics. <i>IEEE Internet of Things Journal</i> , 2021, 8, 9753-9762. | 5.5 | 52 |
| 11 | Multi-objective hybrid genetic algorithm for task scheduling problem in cloud computing. <i>Neural Computing and Applications</i> , 2021, 33, 13075-13088. | 3.2 | 44 |
| 12 | A new efficient approach for solving the capacitated Vehicle Routing Problem using the Gravitational Emulation Local Search Algorithm. <i>Applied Mathematical Modelling</i> , 2017, 49, 663-679. | 2.2 | 38 |
| 13 | OVRP_GELS: solving open vehicle routing problem using the gravitational emulation local search algorithm. <i>Neural Computing and Applications</i> , 2018, 29, 955-968. | 3.2 | 31 |
| 14 | A novel quality-of-service-aware web services composition using biogeography-based optimization algorithm. <i>Soft Computing</i> , 2020, 24, 8125-8137. | 2.1 | 31 |
| 15 | A New Meta-Heuristic Algorithm for Solving the Flexible Dynamic Job-Shop Problem with Parallel Machines. <i>Symmetry</i> , 2019, 11, 165. | 1.1 | 30 |
| 16 | TETS: A Genetic-Based Scheduler in Cloud Computing to Decrease Energy and Makespan. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 103-115. | 0.5 | 23 |
| 17 | Clustering based on whale optimization algorithm for IoT over wireless nodes. <i>Soft Computing</i> , 2021, 25, 5663-5682. | 2.1 | 23 |
| 18 | An Ameliorative Hybrid Algorithm for Solving the Capacitated Vehicle Routing Problem. <i>IEEE Access</i> , 2019, 7, 175454-175465. | 2.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Improving load balancing for data-duplication in big data cloud computing networks. Cluster Computing, 2022, 25, 2613-2631. | 3.5 | 20 |
| 20 | An improved bat optimization algorithm to solve the tasks scheduling problem in open shop. Neural Computing and Applications, 2021, 33, 1559-1573. | 3.2 | 18 |
| 21 | A Novel Energy-Aware Target Tracking Method by Reducing Active Nodes in Wireless Sensor Networks. Wireless Personal Communications, 2017, 95, 3585-3599. | 1.8 | 12 |
| 22 | A Hybrid Unequal Clustering Based on Density with Energy Conservation in Wireless Nodes. Sustainability, 2019, 11, 746. | 1.6 | 12 |
| 23 | Gravitational Search Algorithm to Solve Open Vehicle Routing Problem. Advances in Intelligent Systems and Computing, 2016, , 93-103. | 0.5 | 10 |
| 24 | Nature Inspired Partitioning Clustering Algorithms: A Review and Analysis. Advances in Intelligent Systems and Computing, 2018, , 96-116. | 0.5 | 10 |
| 25 | A feature selection approach for spam detection in social networks using gravitational force-based heuristic algorithm. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 1633-1646. | 3.3 | 8 |
| 26 | OVRP_ICA: An Imperialist-Based Optimization Algorithm for the Open Vehicle Routing Problem. Lecture Notes in Computer Science, 2015, , 221-233. | 1.0 | 8 |
| 27 | Using Gravitational Search Algorithm for in Advance Reservation of Resources in Solving the Scheduling Problem of Works in Workflow Workshop Environment. Indian Journal of Science and Technology, 2015, 8, . | 0.5 | 7 |
| 28 | Improvement of grey wolf optimizer with adaptive middle filter to adjust support vector machine parameters to predict diabetes complications. Neural Computing and Applications, 2021, 33, 15205-15228. | 3.2 | 7 |
| 29 | A novel dynamic multi-hop clustering protocol based on renewable energy for energy harvesting wireless sensor networks. , 2015, , . | | 6 |
| 30 | Sensor Selection Wireless Multimedia Sensor Network using Gravitational Search Algorithm. Indian Journal of Science and Technology, 2015, 8, . | 0.5 | 6 |
| 31 | Imperialist Competition Based Clustering Algorithm to Improve the Lifetime of Wireless Sensor Network. Advances in Intelligent Systems and Computing, 2018, , 189-202. | 0.5 | 4 |
| 32 | TTGELS: a new approach for solving university exam timetabling problem by using gravitational emulation local search algorithm. International Journal of Computational Systems Engineering, 2016, 2, 183. | 0.2 | 3 |
| 33 | An Efficient Hybrid Meta-heuristic Algorithm for Solving the Open Vehicle Routing Problem. Studies in Fuzziness and Soft Computing, 2021, , 257-274. | 0.6 | 2 |
| 34 | University-timetabling problem and its solution using GELS algorithm: a case study. International Journal of Advanced Intelligence Paradigms, 2018, 11, 368. | 0.2 | 1 |
| 35 | Presenting an Optimal Energy-Aware Locating Structure Using the Internet of Things and Device-to-Device Communications on Smartphones. Wireless Personal Communications, 2021, 118, 1745-1774. | 1.8 | 1 |
| 36 | Ant_VRP: ant-colony-based meta-heuristic algorithm to solve the vehicle routing problem. International Journal of Advanced Intelligence Paradigms, 2018, 11, 315. | 0.2 | 0 |