

Rachid Chelouah

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,272
citations

759233

12
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

1150
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Tabu Search applied to global optimization. European Journal of Operational Research, 2000, 123, 256-270. | 5.7 | 274 |
| 2 | Genetic and Nelderâ€“Mead algorithms hybridized for a more accurate global optimization of continuous multim minima functions. European Journal of Operational Research, 2003, 148, 335-348. | 5.7 | 254 |
| 3 | A Continuous Genetic Algorithm Designed for the Global Optimization of Multimodal Functions. Journal of Heuristics, 2000, 6, 191-213. | 1.4 | 238 |
| 4 | A hybrid method combining continuous tabu search and Nelderâ€“Mead simplex algorithms for the global optimization of multim minima functions. European Journal of Operational Research, 2005, 161, 636-654. | 5.7 | 134 |
| 5 | Multi-Objective Approach for Energy-Aware Workflow Scheduling in Cloud Computing Environments. Scientific World Journal, The, 2013, 2013, 1-13. | 2.1 | 118 |
| 6 | The design of the global navigation satellite system surveying networks using genetic algorithms. Engineering Applications of Artificial Intelligence, 2004, 17, 111-122. | 8.1 | 60 |
| 7 | A sensitivity analysis method for driving the Artificial Bee Colony algorithm's search process. Applied Soft Computing Journal, 2016, 41, 515-531. | 7.2 | 29 |
| 8 | Convergence proof of an enhanced Particle Swarm Optimisation method integrated with Evolutionary Game Theory. Information Sciences, 2016, 346-347, 389-411. | 6.9 | 27 |
| 9 | EM323: a line search based algorithm for solving high-dimensional continuous non-linear optimization problems. Soft Computing, 2011, 15, 2275-2285. | 3.6 | 26 |
| 10 | A genetic algorithm for multi-objective optimisation in workflow scheduling with hard constraints. International Journal of Metaheuristics, 2013, 2, 415. | 0.1 | 25 |
| 11 | A Swarm Intelligence Method Combined to Evolutionary Game Theory Applied to the Resources Allocation Problem. International Journal of Swarm Intelligence Research, 2012, 3, 20-38. | 0.7 | 20 |
| 12 | Unidimensional Search for Solving Continuous High-Dimensional Optimization Problems. , 2009, , . | | 13 |
| 13 | Transformation-Based Approach to Security Verification for Cyber-Physical Systems. IEEE Systems Journal, 2019, 13, 3989-4000. | 4.6 | 12 |
| 14 | Adaptive pattern search for large-scale optimization. Applied Intelligence, 2017, 47, 319-330. | 5.3 | 10 |
| 15 | A sensitivity analysis method aimed at enhancing the metaheuristics for continuous optimization. Artificial Intelligence Review, 2018, 50, 625-647. | 15.7 | 10 |
| 16 | Computing Molecular Signatures as Optima of a Bi-Objective Function: Method and Application to Prediction in Oncogenomics. Cancer Informatics, 2015, 14, CIN.S21111. | 1.9 | 6 |
| 17 | Ant colony algorithm hybridized with tabu and greedy searches as applied to multi-objective optimization in project management. Journal of Heuristics, 2007, 13, 640-640. | 1.4 | 5 |
| 18 | Modelâ€“driven architecture based security analysis. Systems Engineering, 2021, 24, 307-321. | 2.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Meta-heuristics for System Design Engineering. Studies in Computational Intelligence, 2009, , 387-423. | 0.9 | 3 |
| 20 | Communicating embedded systems modeling and validation. , 2017, , . | | 2 |
| 21 | A modified sensitivity analysis method for driving a multidimensional search in the Artificial Bee Colony algorithm. , 2016, , . | | 1 |
| 22 | Attack Modeling and Verification for Connected System Security. , 2018, , . | | 1 |
| 23 | A sensitivity analysis indicator to adapt the shift length in a metaheuristic. , 2020, , . | | 0 |