# Francisco Javier RodrÃguez DÃaz

## List of Publications by Year
in descending order

| | | 623188 | 713013 |
|---|---|---|---|
| **22** papers | **602** citations | **14** h-index | **21** g-index |
| **24** all docs | **24** docs citations | **24** times ranked | **645** citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hybrid Metaheuristics Based on Evolutionary Algorithms and Simulated Annealing: Taxonomy, Comparison, and Synergy Test. IEEE Transactions on Evolutionary Computation, 2012, 16, 787-800. | 7.5 | 78 |
| 2 | An iterated greedy algorithm for the large-scale unrelated parallel machines scheduling problem. Computers and Operations Research, 2013, 40, 1829-1841. | 2.4 | 66 |
| 3 | An artificial bee colony algorithm for the maximally diverse grouping problem. Information Sciences, 2013, 230, 183-196. | 4.0 | 58 |
| 4 | Optimizing network attacks by artificial bee colony. Information Sciences, 2017, 377, 30-50. | 4.0 | 51 |
| 5 | Tabu-enhanced iterated greedy algorithm: A case study in the quadratic multiple knapsack problem. European Journal of Operational Research, 2014, 232, 454-463. | 3.5 | 49 |
| 6 | Study and classification of plum varieties using image analysis and deep learning techniques. Progress in Artificial Intelligence, 2018, 7, 119-127. | 1.5 | 35 |
| 7 | Arbitrary function optimisation with metaheuristics. Soft Computing, 2012, 16, 2115-2133. | 2.1 | 32 |
| 8 | Role differentiation and malleable mating for differential evolution: an analysis on large-scale optimisation. Soft Computing, 2011, 15, 2109-2126. | 2.1 | 30 |
| 9 | Strategic oscillation for the quadratic multiple knapsack problem. Computational Optimization and Applications, 2014, 58, 161-185. | 0.9 | 23 |
| 10 | Tabu search with strategic oscillation for the quadratic minimum spanning tree. IIE Transactions, 2014, 46, 414-428. | 2.1 | 22 |
| 11 | An Artificial Bee Colony Algorithm for the Unrelated Parallel Machines Scheduling Problem. Lecture Notes in Computer Science, 2012, , 143-152. | 1.0 | 20 |
| 12 | A simulated annealing method based on a specialised evolutionary algorithm. Applied Soft Computing Journal, 2012, 12, 573-588. | 4.1 | 20 |
| 13 | GRASP with path-relinking for the non-identical parallel machine scheduling problem with minimising total weighted completion times. Annals of Operations Research, 2012, 201, 383-401. | 2.6 | 18 |
| 14 | Playersâ€™ selection for basketball teams, through Performance Index Rating, using multiobjective evolutionary algorithms. PLoS ONE, 2019, 14, e0221258. | 1.1 | 18 |
| 15 | The firefighter problem: Empirical results on random graphs. Computers and Operations Research, 2015, 60, 55-66. | 2.4 | 16 |
| 16 | A genetic algorithm for the minimum generating set problem. Applied Soft Computing Journal, 2016, 48, 254-264. | 4.1 | 12 |
| 17 | GRASP with exterior path-relinking and restricted local search for the multidimensional two-way number partitioning problem. Computers and Operations Research, 2017, 78, 243-254. | 2.4 | 9 |
| 18 | Analysing the significance of no free lunch theorems on the set of real-world binary problems. , 2011, , . | | 4 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Iterated Greedy Algorithms for the Maximal Covering Location Problem. Lecture Notes in Computer Science, 2012, , 172-181. | 1.0 | 4 |
| 20 | Randomized greedy multi-start algorithm for the minimum common integer partition problem. Engineering Applications of Artificial Intelligence, 2016, 50, 226-235. | 4.3 | 4 |
| 21 | Network reconstruction from betweenness centrality by artificial bee colony. Swarm and Evolutionary Computation, 2021, 62, 100851. | 4.5 | 3 |
| 22 | A two-stage constructive method for the unweighted minimum string cover problem. Knowledge-Based Systems, 2015, 77, 103-113. | 4.0 | 2 |