# José María Sanchis

## List of Publications by Year
## in descending order

| | |
|---|---|
| 46 papers | 904 citations |
| 19 h-index (394421) | 29 g-index (477307) |
| 46 all docs | 46 docs citations |
| 46 times ranked | 411 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | The min-max close-enough arc routing problem. European Journal of Operational Research, 2022, 300, 837-851. | 5.7 | 3 |
| 2 | The Profitable Close-Enough Arc Routing Problem. Computers and Operations Research, 2022, 140, 105653. | 4.0 | 4 |
| 3 | Arc routing problems: A review of the past, present, and future. Networks, 2021, 77, 88-115. | 2.7 | 48 |
| 4 | Solving the length constrained $K$-drones rural postman problem. European Journal of Operational Research, 2021, 292, 60-72. | 5.7 | 22 |
| 5 | On the Distance-Constrained Close Enough Arc Routing Problem. European Journal of Operational Research, 2021, 291, 32-51. | 5.7 | 10 |
| 6 | A matheuristic for the Distance-Constrained Close-Enough Arc Routing Problem. Top, 2019, 27, 312-326. | 1.6 | 10 |
| 7 | The Chinese Postman Problem with Load-Dependent Costs. Transportation Science, 2018, 52, 370-385. | 4.4 | 5 |
| 8 | Darboux Sums and the Sum of the Alternating Harmonic Series. Mathematics Magazine, 2018, 91, 96-96. | 0.1 | 0 |
| 9 | Drone arc routing problems. Networks, 2018, 72, 543-559. | 2.7 | 42 |
| 10 | Formulations and exact algorithms for the distance-constrained generalized directed rural postman problem. EURO Journal on Computational Optimization, 2017, 5, 339-365. | 2.4 | 11 |
| 11 | The Hierarchical Mixed Rural Postman Problem. Transportation Science, 2017, 51, 755-770. | 4.4 | 5 |
| 12 | The directed profitable rural postman problem with incompatibility constraints. European Journal of Operational Research, 2017, 261, 549-562. | 5.7 | 11 |
| 13 | Aesthetic considerations for the min–max K–Windy Rural Postman Problem. Networks, 2017, 70, 216-232. | 2.7 | 8 |
| 14 | The Hierarchical Mixed Rural Postman Problem: Polyhedral analysis and a branch-and-cut algorithm. European Journal of Operational Research, 2017, 257, 1-12. | 5.7 | 7 |
| 15 | A branch-and-cut algorithm for the profitable windy rural postman problem. European Journal of Operational Research, 2016, 249, 1092-1101. | 5.7 | 9 |
| 16 | A branch-and-cut algorithm for the Orienteering Arc Routing Problem. Computers and Operations Research, 2016, 66, 95-104. | 4.0 | 22 |
| 17 | A New Branch-and-Cut Algorithm for the Generalized Directed Rural Postman Problem. Transportation Science, 2016, 50, 750-761. | 4.4 | 24 |
| 18 | The stacker crane problem and the directed general routing problem. Networks, 2015, 65, 43-55. | 2.7 | 13 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | A matheuristic for the Team Orienteering Arc Routing Problem. European Journal of Operational Research, 2015, 245, 392-401. | 5.7 | 25 |
| 20 | Chapter 11: Arc Routing Problems with Min-Max Objectives. , 2015, , 255-280. | | 1 |
| 21 | Chapter 6: The Rural Postman Problem on Directed, Mixed, and Windy Graphs. , 2015, , 101-127. | | 1 |
| 22 | Chapter 4: The Chinese Postman Problem on Directed, Mixed, and Windy Graphs. , 2015, , 65-83. | | 1 |
| 23 | A branch‐price‐and‐cut algorithm for the min‐max $k$‐vehicle windy rural postman problem. Networks, 2014, 63, 34-45. | 2.7 | 8 |
| 24 | The Team Orienteering Arc Routing Problem. Transportation Science, 2014, 48, 442-457. | 4.4 | 42 |
| 25 | A branch-and-cut algorithm for the maximum benefit Chinese postman problem. Mathematical Programming, 2013, 141, 21-48. | 2.4 | 18 |
| 26 | New results on the Windy Postman Problem. Mathematical Programming, 2012, 132, 309-332. | 2.4 | 5 |
| 27 | An ILS-Based Metaheuristic for the Stacker Crane Problem. Lecture Notes in Computer Science, 2012, , 25-36. | 1.3 | 0 |
| 28 | New facets and an enhanced branch‐and‐cut for the min‐max $K$‐vehicles windy rural postman problem. Networks, 2011, 58, 255-272. | 2.7 | 16 |
| 29 | The Windy Clustered Prize-Collecting Arc-Routing Problem. Transportation Science, 2011, 45, 317-334. | 4.4 | 24 |
| 30 | A metaheuristic for the min‐max windy rural postman problem with K vehicles. Computational Management Science, 2010, 7, 269-287. | 1.3 | 12 |
| 31 | Min‐Max $K$‐vehicles windy rural postman problem. Networks, 2009, 54, 216-226. | 2.7 | 28 |
| 32 | An asymmetric TSP with time windows and with time-dependent travel times and costs: An exact solution through a graph transformation. European Journal of Operational Research, 2008, 189, 789-802. | 5.7 | 40 |
| 33 | The Windy General Routing Polyhedron: A Global View of Many Known Arc Routing Polyhedra. SIAM Journal on Discrete Mathematics, 2008, 22, 606-628. | 0.8 | 23 |
| 34 | A branch & cut algorithm for the windy general routing problem and special cases. Networks, 2007, 49, 245-257. | 2.7 | 42 |
| 35 | Lower bounds and heuristics for the Windy Rural Postman Problem. European Journal of Operational Research, 2007, 176, 855-869. | 5.7 | 38 |
| 36 | A comparison of two different formulations for arc routing problems on mixed graphs. Computers and Operations Research, 2006, 33, 3384-3402. | 4.0 | 18 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Zigzag inequalities: a new class of facet-inducing inequalities for Arc Routing Problems. Mathematical Programming, 2006, 108, 79-96. | 2.4 | 7 |
| 38 | New Results on the Mixed General Routing Problem. Operations Research, 2005, 53, 363-376. | 1.9 | 29 |
| 39 | New heuristic algorithms for the windy rural postman problem. Computers and Operations Research, 2005, 32, 3111-3128. | 4.0 | 23 |
| 40 | The mixed general routing polyhedron. Mathematical Programming, 2003, 96, 103-137. | 2.4 | 31 |
| 41 | A GRASP heuristic for the mixed Chinese postman problem. European Journal of Operational Research, 2002, 142, 70-80. | 5.7 | 30 |
| 42 | A cutting plane algorithm for the General Routing Problem. Mathematical Programming, 2001, 90, 291-316. | 2.4 | 47 |
| 43 | A real delivery problem dealt with Monte Carlo Techniques. Top, 2000, 8, 57-71. | 1.6 | 14 |
| 44 | The general routing problem polyhedron: Facets from the RPP and GTSP polyhedra. European Journal of Operational Research, 1998, 108, 538-550. | 5.7 | 38 |
| 45 | A polyhedral approach to the rural postman problem. European Journal of Operational Research, 1994, 79, 95-114. | 5.7 | 88 |
| 46 | Polyhedral analysis and a new algorithm for the length constrained K–drones rural postman problem. Computational Optimization and Applications, 0, , . | 1.6 | 1 |