

Ángel Corberán

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Arc routing problems: A review of the past, present, and future. <i>Networks</i> , 2021, 77, 88-115.	1.6	48
2	A branch & cut algorithm for the windy general routing problem and special cases. <i>Networks</i> , 2007, 49, 245-257.	1.6	42
3	The Team Orienteering Arc Routing Problem. <i>Transportation Science</i> , 2014, 48, 442-457.	2.6	42
4	Drone arc routing problems. <i>Networks</i> , 2018, 72, 543-559.	1.6	42
5	GRASP for the uncapacitated r-allocation p-hub median problem. <i>Computers and Operations Research</i> , 2014, 43, 50-60.	2.4	41
6	Lower bounds and heuristics for the Windy Rural Postman Problem. <i>European Journal of Operational Research</i> , 2007, 176, 855-869.	3.5	38
7	Heuristics for the capacitated modular hub location problem. <i>Computers and Operations Research</i> , 2017, 86, 94-109.	2.4	33
8	Scatter search for an uncapacitated p-hub median problem. <i>Computers and Operations Research</i> , 2015, 58, 53-66.	2.4	32
9	New Results on the Mixed General Routing Problem. <i>Operations Research</i> , 2005, 53, 363-376.	1.2	29
10	Min-Max k -vehicles windy rural postman problem. <i>Networks</i> , 2009, 54, 216-226.	1.6	28
11	Heuristics for the Mixed Rural Postman Problem. <i>Computers and Operations Research</i> , 2000, 27, 183-203.	2.4	27
12	A New Metaheuristic for the Vehicle Routing Problem with Split Demands. <i>Lecture Notes in Computer Science</i> , 2007, , 121-129.	1.0	27
13	The Rural Postman Problem on mixed graphs with turn penalties. <i>Computers and Operations Research</i> , 2002, 29, 887-903.	2.4	25
14	A matheuristic for the Team Orienteering Arc Routing Problem. <i>European Journal of Operational Research</i> , 2015, 245, 392-401.	3.5	25
15	The Windy Clustered Prize-Collecting Arc-Routing Problem. <i>Transportation Science</i> , 2011, 45, 317-334.	2.6	24
16	A New Branch-and-Cut Algorithm for the Generalized Directed Rural Postman Problem. <i>Transportation Science</i> , 2016, 50, 750-761.	2.6	24
17	New heuristic algorithms for the windy rural postman problem. <i>Computers and Operations Research</i> , 2005, 32, 3111-3128.	2.4	23
18	The Windy General Routing Polyhedron: A Global View of Many Known Arc Routing Polyhedra. <i>SIAM Journal on Discrete Mathematics</i> , 2008, 22, 606-628.	0.4	23

#	ARTICLE	IF	CITATIONS
19	Recent results on Arc Routing Problems: An annotated bibliography. <i>Networks</i> , 2010, 56, 50-69.	1.6	23
20	A branch-and-cut algorithm for the Orienteering Arc Routing Problem. <i>Computers and Operations Research</i> , 2016, 66, 95-104.	2.4	22
21	Solving the length constrained $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -drones rural postman problem. <i>European Journal of Operational Research</i> , 2021, 292, 60-72.	3.5	22
22	Strategic oscillation for the capacitated hub location problem with modular links. <i>Journal of Heuristics</i> , 2016, 22, 221-244.	1.1	21
23	A comparison of two different formulations for arc routing problems on mixed graphs. <i>Computers and Operations Research</i> , 2006, 33, 3384-3402.	2.4	18
24	A branch-and-cut algorithm for the maximum benefit Chinese postman problem. <i>Mathematical Programming</i> , 2013, 141, 21-48.	1.6	18
25	New facets and an enhanced branch-and-cut for the min-max $\langle i \rangle K \langle /i \rangle$ -vehicles windy rural postman problem. <i>Networks</i> , 2011, 58, 255-272.	1.6	16
26	Heuristic Solutions for a Class of Stochastic Uncapacitated $\langle i \rangle p \langle /i \rangle$ -Hub Median Problems. <i>Transportation Science</i> , 2019, 53, 1126-1149.	2.6	15
27	The stacker crane problem and the directed general routing problem. <i>Networks</i> , 2015, 65, 43-55.	1.6	13
28	A metaheuristic for the min-max windy rural postman problem with K vehicles. <i>Computational Management Science</i> , 2010, 7, 269-287.	0.8	12
29	A Scatter Search Algorithm for the Split Delivery Vehicle Routing Problem. <i>Studies in Computational Intelligence</i> , 2008, , 137-152.	0.7	12
30	Formulations and exact algorithms for the distance-constrained generalized directed rural postman problem. <i>EURO Journal on Computational Optimization</i> , 2017, 5, 339-365.	1.5	11
31	The directed profitable rural postman problem with incompatibility constraints. <i>European Journal of Operational Research</i> , 2017, 261, 549-562.	3.5	11
32	A matheuristic for the Distance-Constrained Close-Enough Arc Routing Problem. <i>Top</i> , 2019, 27, 312-326.	1.1	10
33	The periodic rural postman problem with irregular services on mixed graphs. <i>European Journal of Operational Research</i> , 2019, 276, 826-839.	3.5	10
34	On the Distance-Constrained Close Enough Arc Routing Problem. <i>European Journal of Operational Research</i> , 2021, 291, 32-51.	3.5	10
35	A branch-and-cut algorithm for the profitable windy rural postman problem. <i>European Journal of Operational Research</i> , 2016, 249, 1092-1101.	3.5	9
36	A branch-price-and-cut algorithm for the min-max $\langle i \rangle k \langle /i \rangle$ -vehicle windy rural postman problem. <i>Networks</i> , 2014, 63, 34-45.	1.6	8

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37	Aesthetic considerations for the min-max Windy Rural Postman Problem. <i>Networks</i> , 2017, 70, 216-232.	1.6	8
38	Models and solution methods for the uncapacitated p -hub equitable center problem. <i>International Transactions in Operational Research</i> , 2018, 25, 1241-1267.	1.8	8
39	Análisis de heurísticos para el problema del cartero rural. <i>Trabajos De Estadística Y De Investigación Operativa</i> , 1985, 36, 27-38.	0.1	7
40	Zigzag inequalities: a new class of facet-inducing inequalities for Arc Routing Problems. <i>Mathematical Programming</i> , 2006, 108, 79-96.	1.6	7
41	Profitable mixed capacitated arc routing and related problems. <i>Top</i> , 2015, 23, 244-274.	1.1	7
42	The Hierarchical Mixed Rural Postman Problem: Polyhedral analysis and a branch-and-cut algorithm. <i>European Journal of Operational Research</i> , 2017, 257, 1-12.	3.5	7
43	Improved polyhedral descriptions and exact procedures for a broad class of uncapacitated p -hub median problems. <i>Transportation Research Part B: Methodological</i> , 2019, 123, 38-63.	2.8	6
44	New results on the Windy Postman Problem. <i>Mathematical Programming</i> , 2012, 132, 309-332.	1.6	5
45	The Hierarchical Mixed Rural Postman Problem. <i>Transportation Science</i> , 2017, 51, 755-770.	2.6	5
46	The Chinese Postman Problem with Load-Dependent Costs. <i>Transportation Science</i> , 2018, 52, 370-385.	2.6	5
47	The Profitable Close-Enough Arc Routing Problem. <i>Computers and Operations Research</i> , 2022, 140, 105653.	2.4	4
48	The min-max close-enough arc routing problem. <i>European Journal of Operational Research</i> , 2022, 300, 837-851.	3.5	3
49	Scatter Search. , 2018, , 717-740.		2
50	Preface: Special issue on arc routing problems and other related topics. <i>Networks</i> , 2020, 76, 429-430.	1.6	2
51	Scatter Search. , 2015, , 1-24.		2
52	Chapter 11: Arc Routing Problems with Min-Max Objectives. , 2015, , 255-280.		1
53	Chapter 6: The Rural Postman Problem on Directed, Mixed, and Windy Graphs. , 2015, , 101-127.		1
54	Chapter 4: The Chinese Postman Problem on Directed, Mixed, and Windy Graphs. , 2015, , 65-83.		1

#	ARTICLE	IF	CITATIONS
55	Polyhedral analysis and a new algorithm for the length constrained Ká€“drones rural postman problem. Computational Optimization and Applications, 0, , .	0.9	1
56	Chapter 1: A Historical Perspective on Arc Routing. , 2015, , 1-15.		0
57	An ILS-Based Metaheuristic for the Stacker Crane Problem. Lecture Notes in Computer Science, 2012, , 25-36.	1.0	0