

Dirk Briskorn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

1,556

citations

20

h-index

38

g-index

67

ext. papers

1,962

ext. citations

3.4

avg, IF

5.52

L-index

#	Paper	IF	Citations
63	A survey of variants and extensions of the resource-constrained project scheduling problem. <i>European Journal of Operational Research</i> , 2010 , 207, 1-14	5.6	577
62	Parts-to-picker based order processing in a rack-moving mobile robots environment. <i>European Journal of Operational Research</i> , 2017 , 262, 550-562	5.6	82
61	A generalized classification scheme for crane scheduling with interference. <i>European Journal of Operational Research</i> , 2017 , 258, 343-357	5.6	65
60	Drone delivery from trucks: Drone scheduling for given truck routes. <i>Networks</i> , 2018 , 72, 506-527	1.6	57
59	Truck scheduling in cross-docking terminals with fixed outbound departures. <i>OR Spectrum</i> , 2013 , 35, 479-504	1.9	42
58	Storage Assignment with Rack-Moving Mobile Robots in KIVA Warehouses. <i>Transportation Science</i> , 2018 , 52, 1479-1495	4.4	41
57	A dynamic programming approach for the aircraft landing problem with aircraft classes. <i>European Journal of Operational Research</i> , 2015 , 243, 61-69	5.6	40
56	The identical-path truck platooning problem. <i>Transportation Research Part B: Methodological</i> , 2018 , 109, 26-39	7.2	37
55	Aircraft landing problems with aircraft classes. <i>Journal of Scheduling</i> , 2014 , 17, 31-45	1.6	34
54	Complexity of single machine scheduling subject to nonnegative inventory constraints. <i>European Journal of Operational Research</i> , 2010 , 207, 605-619	5.6	33
53	Scheduling co-operating stacking cranes with predetermined container sequences. <i>Discrete Applied Mathematics</i> , 2016 , 201, 70-85	1	32
52	Cooperative twin-crane scheduling. <i>Discrete Applied Mathematics</i> , 2016 , 211, 40-57	1	31
51	The lockmaster problem. <i>European Journal of Operational Research</i> , 2016 , 251, 432-441	5.6	29
50	Mathematical programming models for lock scheduling with an emission objective. <i>European Journal of Operational Research</i> , 2016 , 248, 802-814	5.6	29
49	Sequencing of picking orders in mobile rack warehouses. <i>European Journal of Operational Research</i> , 2017 , 259, 293-307	5.6	28
48	Container Dispatching and Conflict-Free Yard Crane Routing in an Automated Container Terminal. <i>Transportation Science</i> , 2018 , 52, 1059-1076	4.4	26
47	Matching supply and demand in a sharing economy: Classification, computational complexity, and application. <i>European Journal of Operational Research</i> , 2019 , 278, 578-595	5.6	24

46	Scheduling flexible maintenance activities subject to job-dependent machine deterioration. <i>Journal of Scheduling</i> , 2012 , 15, 565-578	1.6	24
45	Exact algorithms for inventory constrained scheduling on a single machine. <i>Journal of Scheduling</i> , 2013 , 16, 105-115	1.6	21
44	Automated sortation conveyors: A survey from an operational research perspective. <i>European Journal of Operational Research</i> , 2019 , 276, 796-815	5.6	20
43	Mixed-integer programming models for tower crane selection and positioning with respect to mutual interference. <i>European Journal of Operational Research</i> , 2019 , 273, 160-174	5.6	18
42	Just-in-time logistics for far-distant suppliers: scheduling truck departures from an intermediate cross-docking terminal. <i>OR Spectrum</i> , 2018 , 40, 1-21	1.9	16
41	Survey of quantitative methods in construction. <i>Computers and Operations Research</i> , 2018 , 92, 194-207	4.6	16
40	Robust scheduling on a single machine using time buffers. <i>IIE Transactions</i> , 2011 , 43, 383-398		15
39	Feasibility of home-away-pattern sets for round robin tournaments. <i>Operations Research Letters</i> , 2008 , 36, 283-284	1	15
38	An updated survey of variants and extensions of the resource-constrained project scheduling problem. <i>European Journal of Operational Research</i> , 2021 , 297, 1-1	5.6	14
37	IP models for round robin tournaments. <i>Computers and Operations Research</i> , 2009 , 36, 837-852	4.6	13
36	A branching scheme for finding cost-minimal round robin tournaments. <i>European Journal of Operational Research</i> , 2009 , 197, 68-76	5.6	12
35	A Branch-and-Price algorithm for stable workforce assignments with hierarchical skills. <i>European Journal of Operational Research</i> , 2016 , 251, 676-685	5.6	11
34	Combinatorial properties of strength groups in round robin tournaments. <i>European Journal of Operational Research</i> , 2009 , 192, 744-754	5.6	11
33	Just-in-time vehicle scheduling with capacity constraints. <i>IIE Transactions</i> , 2016 , 48, 134-145		10
32	Constructing fair round robin tournaments with a minimum number of breaks. <i>Operations Research Letters</i> , 2010 , 38, 592-596	1	10
31	Scheduling electric vehicles and locating charging stations on a path. <i>Journal of Scheduling</i> , 2018 , 21, 111-126	1.6	9
30	The berth allocation problem with mobile quay walls: problem definition, solution procedures, and extensions. <i>Journal of Scheduling</i> , 2014 , 17, 289-303	1.6	8
29	Variable very large neighbourhood algorithms for truck sequencing at transshipment terminals. <i>International Journal of Production Research</i> , 2013 , 51, 7140-7155	7.8	8

28	Scheduling shipments in closed-loop sortation conveyors. <i>Journal of Scheduling</i> , 2017 , 20, 25-42	1.6	7
27	Container Scheduling: Complexity and Algorithms. <i>Production and Operations Management</i> , 2012 , 21, 115-128	3.6	7
26	A note on capacitated lot sizing with setup carry over. <i>IIE Transactions</i> , 2006 , 38, 1045-1047		7
25	A generator for test instances of scheduling problems concerning cranes in transshipment terminals. <i>OR Spectrum</i> , 2019 , 41, 45-69	1.9	7
24	Packing chained items in aligned bins with applications to container transshipment and project scheduling. <i>Mathematical Methods of Operations Research</i> , 2012 , 75, 305-326	1	6
23	Minimizing maximum lateness of jobs in inventory constrained scheduling. <i>Journal of the Operational Research Society</i> , 2013 , 64, 1851-1864	2	6
22	Interference aware scheduling of triple-crossover-cranes. <i>Journal of Scheduling</i> , 2020 , 23, 465-485	1.6	6
21	A pricing scheme for combinatorial auctions based on bundle sizes. <i>Computers and Operations Research</i> , 2016 , 70, 9-17	4.6	5
20	Vehicle scheduling under the warehouse-on-wheels policy. <i>Discrete Applied Mathematics</i> , 2016 , 205, 52-61		5
19	Scheduling jobs and maintenance activities subject to job-dependent machine deteriorations. <i>Journal of Scheduling</i> , 2017 , 20, 183-197	1.6	5
18	Constructing fair sports league schedules with regard to strength groups. <i>Discrete Applied Mathematics</i> , 2010 , 158, 123-135	1	5
17	Optimizing carpool formation along high-occupancy vehicle lanes. <i>European Journal of Operational Research</i> , 2021 , 293, 1097-1112	5.6	5
16	Quasi-fixed cyclic production schemes for multiple products with stochastic demand. <i>European Journal of Operational Research</i> , 2016 , 252, 156-169	5.6	4
15	Using a SAT-solver to schedule sports leagues. <i>Journal of Scheduling</i> , 2012 , 15, 117-125	1.6	4
14	Simultaneous planning for disaster road clearance and distribution of relief goods: a basic model and an exact solution method. <i>OR Spectrum</i> , 2020 , 42, 591-619	1.9	3
13	No-Wait Scheduling for Locks. <i>INFORMS Journal on Computing</i> , 2019 , 31, 413-428	2.4	3
12	Synchronous flow shop problems: How much can we gain by leaving machines idle?. <i>Omega</i> , 2017 , 72, 15-24	7.2	3
11	A note on Multistage Methods for Freight Train Classification. <i>Networks</i> , 2013 , 62, 80-81	1.6	3

10	Routing two stacking cranes with predetermined container sequences. <i>Journal of Scheduling</i> , 2021 , 24, 367-380	1.6	3
9	A cyclic production scheme for the synchronized and integrated two-level lot-sizing and scheduling problem with no-wait restrictions and stochastic demand. <i>OR Spectrum</i> , 2019 , 41, 895-942	1.9	1
8	Pricing combinatorial auctions by a set of linear price vectors. <i>OR Spectrum</i> , 2016 , 38, 1043-1070	1.9	1
7	Scheduling pick-up and delivery jobs in a hospital to level ergonomic stress. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2015 , 5, 42-53		1
6	A branching scheme for minimum cost tournaments with regard to real-world constraints. <i>Journal of the Operational Research Society</i> , 2011 , 62, 2133-2145	2	1
5	A Lagrangian approach for minimum cost single round robin tournaments. <i>Computers and Operations Research</i> , 2012 , 39, 718-727	4.6	0
4	Optimizing the electrification of roads with charge-while-drive technology. <i>European Journal of Operational Research</i> , 2021 , 299, 1111-1111	5.6	0
3	Single-machine scheduling with an external resource. <i>European Journal of Operational Research</i> , 2021 , 293, 457-468	5.6	0
2	On approximating maximum covering cycles in undirected graphs. <i>Optimization Letters</i> , 2019 , 13, 445-448	4.1	1
1	Minimizing the makespan on a single machine subject to modular setups. <i>Journal of Scheduling</i> , 2011 , 14, 1-11	1.6	1