

# Dirk Briskorn

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,381  
citations

279778

23  
h-index

214788

47  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1651  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of variants and extensions of the resource-constrained project scheduling problem. European Journal of Operational Research, 2010, 207, 1-14.	5.7	707
2	Parts-to-picker based order processing in a rack-moving mobile robots environment. European Journal of Operational Research, 2017, 262, 550-562.	5.7	140
3	Drone delivery from trucks: Drone scheduling for given truck routes. Networks, 2018, 72, 506-527.	2.7	122
4	A generalized classification scheme for crane scheduling with interference. European Journal of Operational Research, 2017, 258, 343-357.	5.7	101
5	An updated survey of variants and extensions of the resource-constrained project scheduling problem. European Journal of Operational Research, 2022, 297, 1-14.	5.7	88
6	Storage Assignment with Rack-Moving Mobile Robots in KIVA Warehouses. Transportation Science, 2018, 52, 1479-1495.	4.4	83
7	The identical-path truck platooning problem. Transportation Research Part B: Methodological, 2018, 109, 26-39.	5.9	78
8	A dynamic programming approach for the aircraft landing problem with aircraft classes. European Journal of Operational Research, 2015, 243, 61-69.	5.7	72
9	Truck scheduling in cross-docking terminals with fixed outbound departures. OR Spectrum, 2013, 35, 479-504.	3.4	56
10	Aircraft landing problems with aircraft classes. Journal of Scheduling, 2014, 17, 31-45.	1.9	56
11	Matching supply and demand in a sharing economy: Classification, computational complexity, and application. European Journal of Operational Research, 2019, 278, 578-595.	5.7	52
12	Cooperative twin-crane scheduling. Discrete Applied Mathematics, 2016, 211, 40-57.	0.9	47
13	Container Dispatching and Conflict-Free Yard Crane Routing in an Automated Container Terminal. Transportation Science, 2018, 52, 1059-1076.	4.4	47
14	Automated sortation conveyors: A survey from an operational research perspective. European Journal of Operational Research, 2019, 276, 796-815.	5.7	44
15	The lockmaster's problem. European Journal of Operational Research, 2016, 251, 432-441.	5.7	43
16	Mathematical programming models for lock scheduling with an emission objective. European Journal of Operational Research, 2016, 248, 802-814.	5.7	43
17	Complexity of single machine scheduling subject to nonnegative inventory constraints. European Journal of Operational Research, 2010, 207, 605-619.	5.7	40
18	Scheduling co-operating stacking cranes with predetermined container sequences. Discrete Applied Mathematics, 2016, 201, 70-85.	0.9	40

#	ARTICLE	IF	CITATIONS
19	Sequencing of picking orders in mobile rack warehouses. <i>European Journal of Operational Research</i> , 2017, 259, 293-307.	5.7	34
20	Scheduling flexible maintenance activities subject to job-dependent machine deterioration. <i>Journal of Scheduling</i> , 2012, 15, 565-578.	1.9	30
21	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.	5.7	30
22	Feasibility of homeâ€‘away-pattern sets for round robin tournaments. <i>Operations Research Letters</i> , 2008, 36, 283-284.	0.7	28
23	Exact algorithms for inventory constrained scheduling on a single machine. <i>Journal of Scheduling</i> , 2013, 16, 105-115.	1.9	28
24	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.	3.4	21
25	IP models for round robin tournaments. <i>Computers and Operations Research</i> , 2009, 36, 837-852.	4.0	20
26	Survey of quantitative methods in construction. <i>Computers and Operations Research</i> , 2018, 92, 194-207.	4.0	19
27	A branching scheme for finding cost-minimal round robin tournaments. <i>European Journal of Operational Research</i> , 2009, 197, 68-76.	5.7	18
28	Robust scheduling on a single machine using time buffers. <i>IIE Transactions</i> , 2011, 43, 383-398.	2.1	18
29	Scheduling electric vehicles and locating charging stations on a path. <i>Journal of Scheduling</i> , 2018, 21, 111-126.	1.9	15
30	Combinatorial properties of strength groups in round robin tournaments. <i>European Journal of Operational Research</i> , 2009, 192, 744-754.	5.7	14
31	Constructing fair round robin tournaments with a minimum number of breaks. <i>Operations Research Letters</i> , 2010, 38, 592-596.	0.7	14
32	Scheduling shipments in closed-loop sortation conveyors. <i>Journal of Scheduling</i> , 2017, 20, 25-42.	1.9	14
33	Optimizing the electrification of roads with charge-while-drive technology. <i>European Journal of Operational Research</i> , 2022, 299, 1111-1127.	5.7	14
34	A Branch-and-Price algorithm for stable workforce assignments with hierarchical skills. <i>European Journal of Operational Research</i> , 2016, 251, 676-685.	5.7	13
35	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.	3.4	13
36	A note on capacitated lot sizing with setup carry over. <i>IIE Transactions</i> , 2006, 38, 1045-1047.	2.1	12

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37	Container Scheduling: Complexity and Algorithms. <i>Production and Operations Management</i> , 2012, 21, 115-128.	3.8	12
38	The berth allocation problem with mobile quay walls: problem definition, solution procedures, and extensions. <i>Journal of Scheduling</i> , 2014, 17, 289-303.	1.9	12
39	Just-in-time vehicle scheduling with capacity constraints. <i>IIE Transactions</i> , 2016, 48, 134-145.	2.1	12
40	Optimizing carpool formation along high-occupancy vehicle lanes. <i>European Journal of Operational Research</i> , 2021, 293, 1097-1112.	5.7	12
41	Constructing fair sports league schedules with regard to strength groups. <i>Discrete Applied Mathematics</i> , 2010, 158, 123-135.	0.9	10
42	Variable very large neighbourhood algorithms for truck sequencing at transshipment terminals. <i>International Journal of Production Research</i> , 2013, 51, 7140-7155.	7.5	10
43	Interference aware scheduling of triple-crossover-cranes. <i>Journal of Scheduling</i> , 2020, 23, 465-485.	1.9	10
44	Using a SAT-solver to schedule sports leagues. <i>Journal of Scheduling</i> , 2012, 15, 117-125.	1.9	8
45	Minimizing maximum lateness of jobs in inventory constrained scheduling. <i>Journal of the Operational Research Society</i> , 2013, 64, 1851-1864.	3.4	8
46	Scheduling jobs and maintenance activities subject to job-dependent machine deteriorations. <i>Journal of Scheduling</i> , 2017, 20, 183-197.	1.9	8
47	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.	1.0	7
48	Vehicle scheduling under the warehouse-on-wheels policy. <i>Discrete Applied Mathematics</i> , 2016, 205, 52-61.	0.9	7
49	A generator for test instances of scheduling problems concerning cranes in transshipment terminals. <i>OR Spectrum</i> , 2019, 41, 45-69.	3.4	7
50	A pricing scheme for combinatorial auctions based on bundle sizes. <i>Computers and Operations Research</i> , 2016, 70, 9-17.	4.0	6
51	Synchronous flow shop problems: How much can we gain by leaving machines idle?. <i>Omega</i> , 2017, 72, 15-24.	5.9	5
52	Quasi-fixed cyclic production schemes for multiple products with stochastic demand. <i>European Journal of Operational Research</i> , 2016, 252, 156-169.	5.7	4
53	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.	3.4	4
54	A Lagrangian approach for minimum cost single round robin tournaments. <i>Computers and Operations Research</i> , 2012, 39, 718-727.	4.0	3

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55	A note on "Multistage Methods for Freight Train Classification" Networks, 2013, 62, 80-81.	2.7	3
56	No-Wait Scheduling for Locks. INFORMS Journal on Computing, 2019, 31, 413-428.	1.7	3
57	Routing two stacking cranes with predetermined container sequences. Journal of Scheduling, 2021, 24, 367-380.	1.9	3
58	Single-machine scheduling with an external resource. European Journal of Operational Research, 2021, 293, 457-468.	5.7	3
59	A branching scheme for minimum cost tournaments with regard to real-world constraints. Journal of the Operational Research Society, 2011, 62, 2133-2145.	3.4	2
60	Scheduling pick-up and delivery jobs in a hospital to level ergonomic stress. IIE Transactions on Healthcare Systems Engineering, 2015, 5, 42-53.	0.8	2
61	Pricing combinatorial auctions by a set of linear price vectors. OR Spectrum, 2016, 38, 1043-1070.	3.4	2
62	Rail terminal operations. OR Spectrum, 2018, 40, 317-318.	3.4	1
63	Vehicle Sequencing at Transshipment Terminals with Handover Relations. INFORMS Journal on Computing, 2020, , .	1.7	1
64	Minimizing the makespan on a single machine subject to modular setups. Journal of Scheduling, 0, , 1.	1.9	1
65	Anarchy in the UJ: Coordination Mechanisms for Minimizing the Number of Late Jobs. European Journal of Operational Research, 2021, , .	5.7	1
66	On approximating maximum covering cycles in undirected graphs. Optimization Letters, 2019, 13, 445-448.	1.6	0