Dirk Briskorn

List of Publications by Year in Descending Order

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	An updated survey of variants and extensions of the resource-constrained project scheduling problem. *European Journal of Operational Research*, **2021**, 297, 1-1	5.6	14
62	Routing two stacking cranes with predetermined container sequences. *Journal of Scheduling*, **2021**, 24, 367-380	1.6	3
61	Optimizing carpool formation along high-occupancy vehicle lanes. *European Journal of Operational Research*, **2021**, 293, 1097-1112	5.6	5
60	Optimizing the electrification of roads with charge-while-drive technology. *European Journal of Operational Research*, **2021**, 299, 1111-1111	5.6	0
59	Single-machine scheduling with an external resource. *European Journal of Operational Research*, **2021**, 293, 457-468	5.6	0
58	Simultaneous planning for disaster road clearance and distribution of relief goods: a basic model and an exact solution method. *OR Spectrum*, **2020**, 42, 591-619	1.9	3
57	Interference aware scheduling of triple-crossover-cranes. *Journal of Scheduling*, **2020**, 23, 465-485	1.6	6
56	A cyclic production scheme for the synchronized and integrated two-level lot-sizing and scheduling problem with no-wait restrictions and stochastic demand. *OR Spectrum*, **2019**, 41, 895-942	1.9	1
55	Matching supply and demand in a sharing economy: Classification, computational complexity, and application. *European Journal of Operational Research*, **2019**, 278, 578-595	5.6	24
54	On approximating maximum covering cycles in undirected graphs. *Optimization Letters*, **2019**, 13, 445-448	2.1	
53	Mixed-integer programming models for tower crane selection and positioning with respect to mutual interference. *European Journal of Operational Research*, **2019**, 273, 160-174	5.6	18
52	Automated sortation conveyors: A survey from an operational research perspective. *European Journal of Operational Research*, **2019**, 276, 796-815	5.6	20
51	No-Wait Scheduling for Locks. *INFORMS Journal on Computing*, **2019**, 31, 413-428	2.4	3
50	A generator for test instances of scheduling problems concerning cranes in transshipment terminals. *OR Spectrum*, **2019**, 41, 45-69	1.9	7
49	The identical-path truck platooning problem. *Transportation Research Part B: Methodological*, **2018**, 109, 26-39	7.2	37
48	Scheduling electric vehicles and locating charging stations on a path. *Journal of Scheduling*, **2018**, 21, 111-126	1.6	9
47	Just-in-time logistics for far-distant suppliers: scheduling truck departures from an intermediate cross-docking terminal. *OR Spectrum*, **2018**, 40, 1-21	1.9	16

46	Survey of quantitative methods in construction. *Computers and Operations Research*, **2018**, 92, 194-207	4.6	16
45	Storage Assignment with Rack-Moving Mobile Robots in KIVA Warehouses. *Transportation Science*, **2018**, 52, 1479-1495	4.4	41
44	Drone delivery from trucks: Drone scheduling for given truck routes. *Networks*, **2018**, 72, 506-527	1.6	57
43	Container Dispatching and Conflict-Free Yard Crane Routing in an Automated Container Terminal. *Transportation Science*, **2018**, 52, 1059-1076	4.4	26
42	Parts-to-picker based order processing in a rack-moving mobile robots environment. *European Journal of Operational Research*, **2017**, 262, 550-562	5.6	82
41	Scheduling shipments in closed-loop sortation conveyors. *Journal of Scheduling*, **2017**, 20, 25-42	1.6	7
40	Synchronous flow shop problems: How much can we gain by leaving machines idle?. *Omega*, **2017**, 72, 15-24	7.2	3
39	A generalized classification scheme for crane scheduling with interference. *European Journal of Operational Research*, **2017**, 258, 343-357	5.6	65
38	Sequencing of picking orders in mobile rack warehouses. *European Journal of Operational Research*, **2017**, 259, 293-307	5.6	28
37	Scheduling jobs and maintenance activities subject to job-dependent machine deteriorations. *Journal of Scheduling*, **2017**, 20, 183-197	1.6	5
36	Scheduling co-operating stacking cranes with predetermined container sequences. *Discrete Applied Mathematics*, **2016**, 201, 70-85	1	32
35	Just-in-time vehicle scheduling with capacity constraints. *IIE Transactions*, **2016**, 48, 134-145		10
34	Pricing combinatorial auctions by a set of linear price vectors. *OR Spectrum*, **2016**, 38, 1043-1070	1.9	1
33	Cooperative twin-crane scheduling. *Discrete Applied Mathematics*, **2016**, 211, 40-57	1	31
32	Quasi-fixed cyclic production schemes for multiple products with stochastic demand. *European Journal of Operational Research*, **2016**, 252, 156-169	5.6	4
31	A Branch-and-Price algorithm for stable workforce assignments with hierarchical skills. *European Journal of Operational Research*, **2016**, 251, 676-685	5.6	11
30	The lockmaster's problem. *European Journal of Operational Research*, **2016**, 251, 432-441	5.6	29
29	A pricing scheme for combinatorial auctions based on bundle sizes. *Computers and Operations Research*, **2016**, 70, 9-17	4.6	5

28	Vehicle scheduling under the warehouse-on-wheels policy. *Discrete Applied Mathematics*, **2016**, 205, 52-61		5
27	Mathematical programming models for lock scheduling with an emission objective. *European Journal of Operational Research*, **2016**, 248, 802-814	5.6	29
26	Scheduling pick-up and delivery jobs in a hospital to level ergonomic stress. *IIE Transactions on Healthcare Systems Engineering*, **2015**, 5, 42-53		1
25	A dynamic programming approach for the aircraft landing problem with aircraft classes. *European Journal of Operational Research*, **2015**, 243, 61-69	5.6	40
24	Aircraft landing problems with aircraft classes. *Journal of Scheduling*, **2014**, 17, 31-45	1.6	34
23	The berth allocation problem with mobile quay walls: problem definition, solution procedures, and extensions. *Journal of Scheduling*, **2014**, 17, 289-303	1.6	8
22	Exact algorithms for inventory constrained scheduling on a single machine. *Journal of Scheduling*, **2013**, 16, 105-115	1.6	21
21	Truck scheduling in cross-docking terminals with fixed outbound departures. *OR Spectrum*, **2013**, 35, 479-504	1.9	42
20	Minimizing maximum lateness of jobs in inventory constrained scheduling. *Journal of the Operational Research Society*, **2013**, 64, 1851-1864	2	6
19	Variable very large neighbourhood algorithms for truck sequencing at transshipment terminals. *International Journal of Production Research*, **2013**, 51, 7140-7155	7.8	8
18	A note on Multistage Methods for Freight Train Classification *Networks*, **2013**, 62, 80-81	1.6	3
17	Using a SAT-solver to schedule sports leagues. *Journal of Scheduling*, **2012**, 15, 117-125	1.6	4
16	Container Scheduling: Complexity and Algorithms. *Production and Operations Management*, **2012**, 21, 115-128	3.6	7
15	Scheduling flexible maintenance activities subject to job-dependent machine deterioration. *Journal of Scheduling*, **2012**, 15, 565-578	1.6	24
14	A Lagrangian approach for minimum cost single round robin tournaments. *Computers and Operations Research*, **2012**, 39, 718-727	4.6	0
13	Packing chained items in aligned bins with applications to container transshipment and project scheduling. *Mathematical Methods of Operations Research*, **2012**, 75, 305-326	1	6
12	A branching scheme for minimum cost tournaments with regard to real-world constraints. *Journal of the Operational Research Society*, **2011**, 62, 2133-2145	2	1
11	Robust scheduling on a single machine using time buffers. *IIE Transactions*, **2011**, 43, 383-398		15

List of Publications

10	Constructing fair round robin tournaments with a minimum number of breaks. *Operations Research Letters*, **2010**, 38, 592-596	1	10
9	A survey of variants and extensions of the resource-constrained project scheduling problem. *European Journal of Operational Research*, **2010**, 207, 1-14	5.6	577
8	Constructing fair sports league schedules with regard to strength groups. *Discrete Applied Mathematics*, **2010**, 158, 123-135	1	5
7	Complexity of single machine scheduling subject to nonnegative inventory constraints. *European Journal of Operational Research*, **2010**, 207, 605-619	5.6	33
6	Combinatorial properties of strength groups in round robin tournaments. *European Journal of Operational Research*, **2009**, 192, 744-754	5.6	11
5	A branching scheme for finding cost-minimal round robin tournaments. *European Journal of Operational Research*, **2009**, 197, 68-76	5.6	12
4	IP models for round robin tournaments. *Computers and Operations Research*, **2009**, 36, 837-852	4.6	13
3	Feasibility of home–away-pattern sets for round robin tournaments. *Operations Research Letters*, **2008**, 36, 283-284	1	15
2	A note on capacitated lot sizing with setup carry over. *IIE Transactions*, **2006**, 38, 1045-1047		7
1	Minimizing the makespan on a single machine subject to modular setups. *Journal of Scheduling*, 1	1.6	