

Stefan VoÃ

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7801522/publications.pdf>

Version: 2024-02-01

266
papers

8,293
citations

61984

43
h-index

64796

79
g-index

293
all docs

293
docs citations

293
times ranked

4273
citing authors

#	ARTICLE	IF	CITATIONS
1	Container terminal operation and operations research - a classification and literature review. OR Spectrum, 2004, 26, 3-49.	3.4	1,004
2	Operations research at container terminals: a literature update. OR Spectrum, 2007, 30, 1-52.	3.4	799
3	A mathematical formulation and complexity considerations for the blocks relocation problem. European Journal of Operational Research, 2012, 219, 96-104.	5.7	174
4	Applying the corridor method to a blocks relocation problem. OR Spectrum, 2011, 33, 915-929.	3.4	165
5	Simple assembly line balancing?Heuristic approaches. Journal of Heuristics, 1997, 2, 217-244.	1.4	155
6	Digital transformation in maritime ports: analysis and a game theoretic framework. NETNOMICS: Economic Research and Electronic Networking, 2017, 18, 227-254.	0.9	145
7	Design and evaluation of road pricing: state-of-the-art and methodological advances. NETNOMICS: Economic Research and Electronic Networking, 2009, 10, 5-52.	0.9	132
8	Steiner's problem in graphs: heuristic methods. Discrete Applied Mathematics, 1992, 40, 45-72.	0.9	126
9	Solving the continuous flow-shop scheduling problem by metaheuristics. European Journal of Operational Research, 2003, 151, 400-414.	5.7	123
10	Integrating deterioration and lifetime constraints in production and supply chain planning: A survey. European Journal of Operational Research, 2014, 238, 654-674.	5.7	116
11	A classification of formulations for the (time-dependent) traveling salesman problem. European Journal of Operational Research, 1995, 83, 69-82.	5.7	110
12	Information systems in seaports: a categorization and overview. Information Technology and Management, 2017, 18, 179-201.	2.4	109
13	A Scientometric Analysis of Cloud Computing Literature. IEEE Transactions on Cloud Computing, 2014, 2, 266-278.	4.4	92
14	The waterway ship scheduling problem. Transportation Research, Part D: Transport and Environment, 2018, 60, 191-209.	6.8	91
15	Produktionsplanung. Springer-Lehrbuch, 1997, , .	0.0	90
16	The pilot method: A strategy for heuristic repetition with application to the Steiner problem in graphs. Networks, 1999, 34, 181-191.	2.7	86
17	SteinLib: An Updated Library on Steiner Tree Problems in Graphs. Combinatorial Optimization, 2001, , 285-325.	0.7	83
18	Dynamic tabu list management using the reverse elimination method. Annals of Operations Research, 1993, 41, 29-46.	4.1	80

#	ARTICLE	IF	CITATIONS
19	Multiple center capacitated arc routing problems: A tabu search algorithm using capacitated trees. European Journal of Operational Research, 2000, 124, 360-376.	5.7	76
20	A sequential ordering problem in automotive paint shops. International Journal of Production Research, 2004, 42, 1865-1878.	7.5	76
21	Hybrid flow shop scheduling as a multi-mode multi-project scheduling problem with batching requirements: A real-world application. International Journal of Production Economics, 2007, 105, 445-458.	8.9	76
22	Production planning with load dependent lead times: an update of research. Annals of Operations Research, 2007, 153, 297-345.	4.1	75
23	Reducing port-related empty truck emissions: A mathematical approach for truck appointments with collaboration. Transportation Research, Part E: Logistics and Transportation Review, 2017, 105, 195-212.	7.4	73
24	Introduction to Computational Optimization Models for Production Planning in a Supply Chain. , 2003, , .		73
25	Looking Ahead with the Pilot Method. Annals of Operations Research, 2005, 136, 285-302.	4.1	71
26	A mathematical model of inter-terminal transportation. European Journal of Operational Research, 2014, 235, 448-460.	5.7	71
27	Meta-heuristics: The State of the Art. Lecture Notes in Computer Science, 2001, , 1-23.	1.3	68
28	A reference model for customer-centric data mining with support vector machines. European Journal of Operational Research, 2009, 199, 520-530.	5.7	68
29	A chain heuristic for the Blocks Relocation Problem. Computers and Industrial Engineering, 2014, 75, 79-86.	6.3	68
30	An improved mathematical formulation for the blocks relocation problem. European Journal of Operational Research, 2015, 245, 415-422.	5.7	68
31	The Steiner tree problem with hop constraints. Annals of Operations Research, 1999, 86, 321-345.	4.1	67
32	Production planning with load dependent lead times. 4or, 2005, 3, 257-302.	1.6	61
33	Container terminal operation and operations research " a classification and literature review. , 2005, , 3-49.		60
34	An improved formulation for the multi-depot open vehicle routing problem. OR Spectrum, 2016, 38, 175-187.	3.4	56
35	An exact algorithm for the reliability redundancy allocation problem. European Journal of Operational Research, 2015, 244, 110-116.	5.7	53
36	Strategy development for retrofitting ships for implementing shore side electricity. Transportation Research, Part D: Transport and Environment, 2019, 74, 201-213.	6.8	52

#	ARTICLE	IF	CITATIONS
37	An efficient ant colony optimization algorithm for the blocks relocation problem. <i>European Journal of Operational Research</i> , 2019, 274, 78-90.	5.7	52
38	A cloud brokerage approach for solving the resource management problem in multi-cloud environments. <i>Computers and Industrial Engineering</i> , 2016, 95, 16-26.	6.3	51
39	Inter-terminal transportation: an annotated bibliography and research agenda. <i>Flexible Services and Manufacturing Journal</i> , 2017, 29, 35-63.	3.4	51
40	Applications of modern heuristic search methods to pattern sequencing problems. <i>Computers and Operations Research</i> , 1999, 26, 17-34.	4.0	50
41	Dynamic tabu search strategies for the traveling purchaser problem. <i>Annals of Operations Research</i> , 1996, 63, 253-275.	4.1	48
42	RFID Technology and its Application to Port-Based Container Logistics. <i>Journal of Organizational Computing and Electronic Commerce</i> , 2011, 21, 332-347.	1.8	47
43	Car resale price forecasting: The impact of regression method, private information, and heterogeneity on forecast accuracy. <i>International Journal of Forecasting</i> , 2017, 33, 864-877.	6.5	47
44	Practical Experiences in Schedule Synchronization. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1995, , 39-55.	0.3	47
45	port-IO: an integrative mobile cloud platform for real-time inter-terminal truck routing optimization. <i>Flexible Services and Manufacturing Journal</i> , 2017, 29, 504-534.	3.4	46
46	Multi-objective inter-terminal truck routing. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 106, 178-202.	7.4	46
47	Routing of straddle carriers at a container terminal with the special aspect of internal moves. <i>OR Spectrum</i> , 1993, 15, 167-172.	3.4	45
48	Container Rehandling at Maritime Container Terminals. <i>Operations Research/ Computer Science Interfaces Series</i> , 2011, , 247-269.	0.3	45
49	A Corridor Method-Based Algorithm for the Pre-marshalling Problem. <i>Lecture Notes in Computer Science</i> , 2009, , 788-797.	1.3	45
50	A two-stage stochastic programming approach for identifying optimal postponement strategies in supply chains with uncertain demand. <i>Omega</i> , 2019, 83, 123-138.	5.9	44
51	POPMUSIC as a matheuristic for the berth allocation problem. <i>Annals of Mathematics and Artificial Intelligence</i> , 2016, 76, 173-189.	1.3	43
52	A multi-heuristic approach for solving the pre-marshalling problem. <i>Central European Journal of Operations Research</i> , 2017, 25, 1-28.	1.8	43
53	Increasing Acceptance of Free-Floating Car Sharing Systems Using Smart Relocation Strategies: A Survey Based Study of car2go Hamburg. <i>Lecture Notes in Computer Science</i> , 2014, , 151-162.	1.3	42
54	Two-level decomposition-based matheuristic for airline crew rostering problems with fair working time. <i>European Journal of Operational Research</i> , 2018, 267, 428-438.	5.7	41

#	ARTICLE	IF	CITATIONS
55	Efficiency considerations for sequencing and scheduling of double-rail-mounted gantry cranes at maritime container terminals. <i>International Journal of Shipping and Transport Logistics</i> , 2010, 2, 95.	0.5	40
56	Decision Support for Environmental-friendly Vehicle Relocations in Free- Floating Car Sharing Systems: The Case of Car2go. <i>Procedia CIRP</i> , 2015, 30, 275-280.	1.9	40
57	Solving group Steiner problems as Steiner problems. <i>European Journal of Operational Research</i> , 2004, 154, 323-329.	5.7	39
58	A New Binary Description of the Blocks Relocation Problem and Benefits in a Look Ahead Heuristic. <i>Lecture Notes in Computer Science</i> , 2009, , 37-48.	1.3	39
59	Slow Steaming in Container Shipping. , 2012, , .		38
60	Impact on yard efficiency of a truck appointment system for a port terminal. <i>Annals of Operations Research</i> , 2017, 258, 195-216.	4.1	38
61	Similarity in metaheuristics: a gentle step towards a comparison methodology. <i>Natural Computing</i> , 2022, 21, 265-287.	3.0	38
62	Solving the pre-marshalling problem to optimality with A* and IDA*. <i>Flexible Services and Manufacturing Journal</i> , 2017, 29, 223-259.	3.4	36
63	Network Design Formulations in Schedule Synchronization. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1992, , 137-152.	0.3	35
64	A multi-mode resource-constrained project scheduling reformulation for the waterway ship scheduling problem. <i>Journal of Scheduling</i> , 2019, 22, 173-182.	1.9	34
65	Efficient path and vertex exchange in steiner tree algorithms. <i>Networks</i> , 1997, 29, 89-105.	2.7	33
66	ERP application in China: An overview. <i>International Journal of Production Economics</i> , 2009, 122, 501-507.	8.9	33
67	Metaheuristics â€œIn the Largeâ€œ. <i>European Journal of Operational Research</i> , 2022, 297, 393-406.	5.7	32
68	Metaheuristics Comparison for the Minimum Labelling Spanning Tree Problem. , 2005, , 93-106.		31
69	On the Way to a Minimum Baseline in IT Governance: Using Expert Views for Selective Implementation of COBIT 5. , 2015, , .		31
70	A POPMUSIC approach for the Multi-Depot Cumulative Capacitated Vehicle Routing Problem. <i>Optimization Letters</i> , 2020, 14, 671-691.	1.6	30
71	Dispatching of an Electric Monorail System: Applying Metaheuristics to an Online Pickup and Delivery Problem. <i>Transportation Science</i> , 2004, 38, 434-446.	4.4	29
72	Metaheuristics: Intelligent Problem Solving. <i>Annals of Information Systems</i> , 2009, , 1-38.	0.5	29

#	ARTICLE	IF	CITATIONS
73	Enhancing a machine learning binarization framework by perturbation operators: analysis on the multidimensional knapsack problem. <i>International Journal of Machine Learning and Cybernetics</i> , 2020, 11, 1951-1970.	3.6	29
74	Simple heuristics for scheduling with limited intermediate storage. <i>Computers and Operations Research</i> , 2007, 34, 2293-2309.	4.0	28
75	A stochastic model for the implementation of postponement strategies in global distribution networks. <i>Decision Support Systems</i> , 2012, 53, 294-305.	5.9	27
76	Novel formulations and modeling enhancements for the dynamic berth allocation problem. <i>European Journal of Operational Research</i> , 2019, 278, 170-185.	5.7	27
77	Improved load balancing and resource utilization for the Skill Vehicle Routing Problem. <i>Optimization Letters</i> , 2013, 7, 1805-1823.	1.6	26
78	A Scientometric Analysis of Public Transport Research. <i>Journal of Public Transportation</i> , 2015, 18, 111-141.	1.2	26
79	Steiner Tree Problems in Telecommunications. , 2006, , 459-492.		25
80	Mathematical programming formulations for the strategic berth template problem. <i>Computers and Industrial Engineering</i> , 2018, 124, 167-179.	6.3	25
81	Models for a traveling purchaser problem with additional side-constraints. <i>Computers and Operations Research</i> , 2011, 38, 550-558.	4.0	24
82	Location-aware brokering for consumers in multi-cloud computing environments. <i>Journal of Network and Computer Applications</i> , 2017, 95, 79-93.	9.1	24
83	Tabu Search: Applications and Prospects. <i>Network Optimization Problems: Algorithms, Applications and Complexity</i> , 1993, , 333-353.	0.1	23
84	A heuristic approach for combined equipment-planning and routing in multi-layer SDH/WDM networks. <i>European Journal of Operational Research</i> , 2006, 171, 787-796.	5.7	23
85	Supply Chain Risk Management in the Era of Big Data. <i>Lecture Notes in Computer Science</i> , 2015, , 283-294.	1.3	23
86	Monitoring of air emissions in maritime ports. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 87, 102479.	6.8	23
87	Tabu Search Techniques for the Quadratic Semi-Assignment Problem. , 1992, , 389-405.		23
88	Hotframe: A Heuristic Optimization Framework. , 2003, , 81-154.		22
89	Experiments concerning sequential versus simultaneous maximization of objective function and distance. <i>Journal of Heuristics</i> , 2008, 14, 613-625.	1.4	22
90	A hybrid algorithm for the DNA sequencing problem. <i>Discrete Applied Mathematics</i> , 2014, 163, 87-99.	0.9	22

#	ARTICLE	IF	CITATIONS
91	Modeling and solving cloud service purchasing in multi-cloud environments. Expert Systems With Applications, 2020, 147, 113165.	7.6	22
92	Robustness and disturbances in public transport. Public Transport, 2022, 14, 191-261.	2.7	22
93	Strategies with memories: local search in an application oriented environment. OR Spectrum, 1995, 17, 55-66.	3.4	21
94	Applying the pilot method to improve VNS and GRASP metaheuristics for the design of SDH/WDM networks. European Journal of Operational Research, 2008, 191, 691-704.	5.7	21
95	Evaluating the performance of a dial-a-ride service using simulation. Public Transport, 2015, 7, 139-157.	2.7	21
96	Modeling the Parallel Machine Scheduling Problem with Step Deteriorating Jobs. European Journal of Operational Research, 2016, 255, 21-33.	5.7	21
97	Flexible supply chain planning based on variable transportation modes. International Journal of Production Economics, 2017, 183, 654-666.	8.9	21
98	Fixed Set Search Applied to the Traveling Salesman Problem. Lecture Notes in Computer Science, 2019, , 63-77.	1.3	21
99	A case study in empty railcar distribution. European Journal of Operational Research, 1995, 87, 586-598.	5.7	20
100	A dynamic programming-based matheuristic for the dynamic berth allocation problem. Annals of Operations Research, 2020, 286, 391-410.	4.1	20
101	Steiner Tree Heuristics " A Survey. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 1994, , 485-496.	0.1	20
102	A POPMUSIC-based approach for the berth allocation problem under time-dependent limitations. Annals of Operations Research, 2017, 253, 871-897.	4.1	19
103	On the Value and Challenge of Real-Time Information in Dynamic Dispatching of Service Vehicles. Business and Information Systems Engineering, 2017, 59, 161-171.	6.1	19
104	The robust multiple-choice multidimensional knapsack problem. Omega, 2019, 86, 16-27.	5.9	19
105	Fixed set search application for minimizing the makespan on unrelated parallel machines with sequence-dependent setup times. Applied Soft Computing Journal, 2021, 110, 107521.	7.2	19
106	Generic metaheuristics application to industrial engineering problems. Computers and Industrial Engineering, 1999, 37, 281-284.	6.3	18
107	A hybridized tabu search approach for the minimum weight vertex cover problem. Journal of Heuristics, 2012, 18, 869-876.	1.4	18
108	An exact algorithm for the block relocation problem with a stowage plan. European Journal of Operational Research, 2019, 279, 767-781.	5.7	18

#	ARTICLE	IF	CITATIONS
109	A GRASP approach for solving the Blocks Relocation Problem with Stowage Plan. Flexible Services and Manufacturing Journal, 2019, 31, 702-729.	3.4	17
110	Review of Transit Data Sources: Potentials, Challenges and Complementarity. Sustainability, 2021, 13, 11450.	3.2	17
111	Worst-case performance of some heuristics for Steiner's problem in directed graphs. Information Processing Letters, 1993, 48, 99-105.	0.6	16
112	Vehicle Routing Problems and Container Terminal Operations – An Update of Research. Operations Research/ Computer Science Interfaces Series, 2008, , 551-589.	0.3	16
113	Model-Based Decision Support in Manufacturing and Service Networks. Business and Information Systems Engineering, 2014, 6, 17-24.	6.1	16
114	Sales Forecasting with Partial Recurrent Neural Networks: Empirical Insights and Benchmarking Results. , 2015, , .		16
115	Reducing Port-Related Truck Emissions: Coordinated Truck Appointments to Reduce Empty Truck Trips. Lecture Notes in Computer Science, 2015, , 495-509.	1.3	16
116	An ant colony optimization algorithm for partitioning graphs with supply and demand. Applied Soft Computing Journal, 2016, 41, 317-330.	7.2	16
117	Solving General Ring Network Design Problems by Meta-Heuristics. Operations Research/ Computer Science Interfaces Series, 2000, , 91-113.	0.3	16
118	Multi-objective optimization of daily use of shore side electricity integrated with quayside operation. Journal of Cleaner Production, 2022, 351, 131406.	9.3	16
119	E-Business IT Governance Revisited: An Attempt towards Outlining a Novel Bi-directional Business/IT Alignment in COBIT5. , 2014, , .		15
120	Improving solver performance through redundancy. Journal of Systems Science and Systems Engineering, 2016, 25, 303-325.	1.6	15
121	Optimal capacitated ring trees. EURO Journal on Computational Optimization, 2016, 4, 137-166.	2.4	15
122	Mystery Shopping in Public Transport: The Case of Bus Station Design. Lecture Notes in Computer Science, 2020, , 527-542.	1.3	15
123	Stochastic programming for flexible global supply chain planning. Flexible Services and Manufacturing Journal, 2017, 29, 601-633.	3.4	14
124	An exact approach to the restricted block relocation problem based on a new integer programming formulation. European Journal of Operational Research, 2022, 296, 485-503.	5.7	14
125	A Star-Shaped Diversification Approach in Tabu Search. , 1996, , 489-502.		14
126	Cloud-Based Intelligent Transportation Systems Using Model Predictive Control. Lecture Notes in Computer Science, 2015, , 464-477.	1.3	14

#	ARTICLE	IF	CITATIONS
127	Discrete Lot-Sizing and Scheduling Including Deterioration and Perishability Constraints. Lecture Notes in Business Information Processing, 2010, , 345-357.	1.0	14
128	Controlled Pool Maintenance for Metaheuristics. , 2005, , 387-424.		13
129	Special issue on mathematical contributions to metaheuristics editorial. Journal of Heuristics, 2009, 15, 197-199.	1.4	13
130	Global Navigation Satellite System based tolling: state-of-the-art. NETNOMICS: Economic Research and Electronic Networking, 2012, 13, 93-123.	0.9	13
131	Dynamic lot-sizing with rework of defective items and minimum lot-size constraints. International Journal of Production Research, 2016, 54, 2284-2297.	7.5	13
132	A corridor method based hybrid algorithm for redundancy allocation. Journal of Heuristics, 2016, 22, 405-429.	1.4	13
133	Solving Quadratic Assignment Problems Using the Reverse Elimination Method. Operations Research/ Computer Science Interfaces Series, 1995, , 281-296.	0.3	13
134	From Digitalization to Data-Driven Decision Making in Container Terminals. Operations Research/ Computer Science Interfaces Series, 2020, , 125-154.	0.3	13
135	Public transport and road pricing: a survey and simulation experiments. Public Transport, 2010, 2, 87-109.	2.7	12
136	A MIP-based framework and its application on lot sizing problem with setup carryover. Journal of Heuristics, 2013, 19, 295-316.	1.4	12
137	A similarity-based neighbourhood search for enhancing the balance exploration-exploitation of differential evolution. Computers and Operations Research, 2020, 117, 104871.	4.0	12
138	Late Acceptance Hill-Climbing Metaheuristic for the General Lot Sizing and Scheduling Problem with Rich Constraints. Algorithms, 2020, 13, 138.	2.1	12
139	A robust multiobjective model for the integrated berth and quay crane scheduling problem at seaside container terminals. Annals of Mathematics and Artificial Intelligence, 2022, 90, 831-853.	1.3	12
140	IT Governance for Cyber-Physical Systems: The Case of Industry 4.0. Lecture Notes in Computer Science, 2017, , 667-676.	1.3	12
141	Application of RFID Technology at the Entrance Gate of Container Terminals. Lecture Notes in Computer Science, 2011, , 209-220.	1.3	12
142	A math-heuristic Dantzig-Wolfe algorithm for capacitated lot sizing. Annals of Mathematics and Artificial Intelligence, 2013, 69, 207-224.	1.3	11
143	Empty Container Management at Ports Considering Pollution, Repair Options, and Street-Turns. Mathematical Problems in Engineering, 2016, 2016, 1-13.	1.1	11
144	A set partitioning reformulation for the multiple-choice multidimensional knapsack problem. Engineering Optimization, 2016, 48, 831-850.	2.6	11

#	ARTICLE	IF	CITATIONS
145	Fixed Set Search Applied to the Minimum Weighted Vertex Cover Problem. Lecture Notes in Computer Science, 2019, , 490-504.	1.3	11
146	Liegeplatzdisposition auf einem Container Terminal â€” AnsÄtze zur Entwicklung eines entscheidungsunterstÄtzenden Systems. Operations Research Proceedings: Papers of the Annual Meeting = VortrÄge Der Jahrestagung / DGOR, 1994, , 89-95.	0.1	11
147	Supervised Classification for Decision Support in Customer Relationship Management. , 2008, , 231-253.		11
148	Fixed set search applied to the multi-objective minimum weighted vertex cover problem. Journal of Heuristics, 2022, 28, 481-508.	1.4	11
149	Problems with generalized steiner problems. Algorithmica, 1992, 7, 333-335.	1.3	10
150	Using Surrogate Constraints in Genetic Algorithms for Solving Multidimensional Knapsack Problems. Operations Research/ Computer Science Interfaces Series, 1998, , 235-251.	0.3	10
151	A heuristic method for solving the problem of partitioning graphs with supply and demand. Annals of Operations Research, 2015, 235, 371-393.	4.1	10
152	Cooperative Intelligent Search Using Adaptive Memory Techniques. , 1999, , 297-312.		10
153	Decision Analytics for Cloud Computing: A Classification and Literature Review. , 2014, , 1-26.		9
154	Partitioning of supply/demand graphs with capacity limitations: an ant colony approach. Journal of Combinatorial Optimization, 2018, 35, 224-249.	1.3	9
155	On the performance of the hybridisation between migrating birds optimisation variants and differential evolution for large scale continuous problems. Expert Systems With Applications, 2018, 102, 126-142.	7.6	9
156	Scientometric Analysis of Container Terminals and Ports Literature and Interaction with Publications on Distribution Networks. Lecture Notes in Computer Science, 2012, , 33-52.	1.3	9
157	Revisiting the richness of integrated vehicle and crew scheduling. Public Transport, 0, , 1.	2.7	9
158	Iterated Cooperation and Possible Deviations between Liner Shipping Carriers Based on Noncooperative Game Theory. Transportation Research Record, 2008, 2066, 60-70.	1.9	8
159	Customer-Centric Decision Support. Business and Information Systems Engineering, 2010, 2, 79-93.	6.1	8
160	A Math-Heuristic for the Multi-Level Capacitated Lot Sizing Problem with Carryover. Lecture Notes in Computer Science, 2010, , 462-471.	1.3	8
161	Application of a mathematical model to an intermediate- to long-term real-world steel production planning problem based on standard software. European Journal of Industrial Engineering, 2011, 5, 81.	0.8	8
162	A simple RFID cost model for the container shipping industry. International Journal of Shipping and Transport Logistics, 2012, 4, 172.	0.5	8

#	ARTICLE	IF	CITATIONS
163	Solving the Robust Container Pre-Marshalling Problem. Lecture Notes in Computer Science, 2016, , 131-145.	1.3	8
164	A general corridor method-based approach for capacitated facility location. International Journal of Production Research, 2020, 58, 3855-3880.	7.5	8
165	Modern Heuristic Search Methods for the Steiner Tree Problem in Graphs. Combinatorial Optimization, 2000, , 283-323.	0.7	8
166	Extended Mis-overlay Calculation for Pre-marshalling Containers. Lecture Notes in Computer Science, 2012, , 86-91.	1.3	8
167	Applications of Real-Time Data to Reduce Air Emissions in Maritime Ports. Lecture Notes in Computer Science, 2020, , 31-48.	1.3	8
168	Actions applied by Chinese shipping companies under greenhouse gas emissions trading scheme. International Journal of Shipping and Transport Logistics, 2013, 5, 463.	0.5	7
169	Business/IT Alignment in Two Sided Markets. International Journal on IT/Business Alignment and Governance, 2014, 5, 27-43.	0.7	7
170	A Cloud-Based SOA for Enhancing Information Exchange and Decision Support in ITT Operations. Lecture Notes in Computer Science, 2014, , 112-131.	1.3	7
171	Interaction of maritime shipping and hinterland traffic using a two-level hierarchical transport network. International Journal of Logistics Research and Applications, 2015, 18, 276-290.	8.8	7
172	An equiâ€model matheuristic for the multiâ€depot ring star problem. Networks, 2016, 67, 222-237.	2.7	7
173	Generalized local branching heuristics and the capacitated ring tree problem. Discrete Applied Mathematics, 2018, 242, 34-52.	0.9	7
174	Chunking and cooperation in particle swarm optimization for feature selection. Annals of Mathematics and Artificial Intelligence, 2022, 90, 893-913.	1.3	7
175	Managing Cloud-Based Big Data Platforms: A Reference Architecture and Cost Perspective. , 2017, , 29-45.		7
176	Game Theoretical Aspects in Modeling and Analyzing the Shipping Industry. Lecture Notes in Computer Science, 2011, , 302-320.	1.3	6
177	Interview with Daniel Dolk and Christer Carlsson on â€Decision Analyticsâ€. Business and Information Systems Engineering, 2014, 6, 181-184.	6.1	6
178	Metaheuristics in cloud computing. Software - Practice and Experience, 2018, 48, 1729-1733.	3.6	6
179	Interoperable smart card data management in public mass transit. Public Transport, 2019, 11, 523-548.	2.7	6
180	Accelerating mathematical programming techniques with the corridor method. International Journal of Production Research, 2021, 59, 2739-2771.	7.5	6

#	ARTICLE	IF	CITATIONS
181	Container Terminal Yard Operations â€“ Simulation of a Side-Loaded Container Block Served by Triple Rail Mounted Gantry Cranes. Lecture Notes in Computer Science, 2011, , 243-255.	1.3	6
182	An Application of Late Acceptance Hill-Climbing to the Traveling Purchaser Problem. Lecture Notes in Computer Science, 2013, , 173-183.	1.3	6
183	Container Rehandling at Maritime Container Terminals: A Literature Update. Operations Research/ Computer Science Interfaces Series, 2020, , 343-382.	0.3	6
184	Job Shop Scheduling with Buffer Constraints and Jobs Consuming Variable Buffer Space. Lecture Notes in Business Information Processing, 2010, , 295-307.	1.0	5
185	Hybridizing Reactive Tabu Search with Simulated Annealing. Lecture Notes in Computer Science, 2012, , 509-512.	1.3	5
186	Schoenberg Correspondence on Dual Groups. Communications in Mathematical Physics, 2014, 328, 849-865.	2.2	5
187	Status quo and innovative approaches for maritime logistics in the age of digitalization: a guest editorsâ€™ introduction. Information Technology and Management, 2017, 18, 175-177.	2.4	5
188	An option contract model for leasing containers in the shipping industry. Maritime Economics and Logistics, 2021, 23, 328-347.	4.0	5
189	Load Dependent Lead Times â€” From Empirical Evidence to Mathematical Modeling. , 2005, , 539-554.		5
190	Feature Selection in Marketing Applications. Lecture Notes in Computer Science, 2009, , 200-208.	1.3	5
191	Workgroups Diversity Maximization: A Metaheuristic Approach. Lecture Notes in Computer Science, 2013, , 118-129.	1.3	5
192	Port-Centric Information Management in Smart Ports. , 2017, , 236-250.		5
193	A GRASP Approach for Solving Large-Scale Electric Bus Scheduling Problems. Energies, 2021, 14, 6610.	3.1	5
194	A Note on Alternative Objectives for the Blocks Relocation Problem. Lecture Notes in Computer Science, 2019, , 101-121.	1.3	5
195	Maynard Assembly Manager. OR Spectrum, 1998, 20, 143-145.	3.4	4
196	StÄrungsmanagement in der Produktion â€” Simulationsstudien fÄr ein hybrides FlieÄfertigungssystem. Zeitschrift fÄr Planung Und Unternehmenssteuerung, 2004, 15, 427-447.	0.3	4
197	A memetic approach to construct transductive discrete support vector machines. European Journal of Operational Research, 2013, 230, 581-595.	5.7	4
198	A Biased Random-Key Genetic Algorithm for the Multiple Knapsack Assignment Problem. Lecture Notes in Computer Science, 2015, , 218-222.	1.3	4

#	ARTICLE	IF	CITATIONS
199	A mixed integer program for partitioning graphs with supply and demand emphasizing sparse graphs. Optimization Letters, 2016, 10, 1693-1703.	1.6	4
200	Review of Fuzzy Techniques in Maritime Shipping Operations. Lecture Notes in Computer Science, 2017, , 253-269.	1.3	4
201	Tactical Production and Lot Size Planning with Lifetime Constraints: A Comparison of Model Formulations. Asia-Pacific Journal of Operational Research, 2017, 34, 1750019.	1.3	4
202	Environmental Sustainability in Ports. , 2019, , 65-89.		4
203	A Matheuristic Approach for the p-Cable Trench Problem. Lecture Notes in Computer Science, 2016, , 247-252.	1.3	4
204	Building Reusable Software Components for Heuristic Search. , 1999, , 210-219.		4
205	Modeling Container Terminal Scheduling Systems as Hybrid Flow Shops with Blocking Based on Attributes. , 2009, , 413-434.		4
206	Building Clouds. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2015, , 269-290.	0.5	4
207	HEURISTIC METHODS FOR THE RECTILINEAR STEINER ARBORESCENCE PROBLEM. Engineering Optimization, 1993, 21, 121-145.	2.6	3
208	Postponement Strategies in Supply Chain Management. Journal of the Operational Research Society, 2014, 65, 796-797.	3.4	3
209	A Biased Random-Key Genetic Algorithm for the Cloud Resource Management Problem. Lecture Notes in Computer Science, 2015, , 1-12.	1.3	3
210	A heuristic approach for dividing graphs into bi-connected components with a size constraint. Journal of Heuristics, 2017, 23, 111-136.	1.4	3
211	Maritime Load Dependent Lead Times - An Analysis. Lecture Notes in Computer Science, 2017, , 300-305.	1.3	3
212	A Math-Heuristic Algorithm for the DNA Sequencing Problem. Lecture Notes in Computer Science, 2010, , 25-36.	1.3	3
213	Open Data Evolution in Information Systems Research: Considering Cases of Data-Intensive Transportation and Grid Systems. Lecture Notes in Computer Science, 2016, , 193-201.	1.3	3
214	Cruise Passenger-Oriented Evaluation System for the Public Transport of Hinterland Destinations. Transportation Research Procedia, 2022, 62, 615-623.	1.5	3
215	A Discrete-Binary Transformation of the Reliability Redundancy Allocation Problem. Mathematical Problems in Engineering, 2015, 2015, 1-6.	1.1	2
216	Analysing the Performance of Migrating Birds Optimisation Approaches for Large Scale Continuous Problems. Lecture Notes in Computer Science, 2016, , 134-144.	1.3	2

#	ARTICLE	IF	CITATIONS
217	Improving local-search metaheuristics through look-ahead policies. Annals of Mathematics and Artificial Intelligence, 2016, 76, 59-82.	1.3	2
218	Leo G. Kroon (1958â€“2016). Public Transport, 2017, 9, 1-2.	2.7	2
219	A note on: â€œA hybrid Benders approach for coordinated capacitated lot-sizing of multiple product families with set-up times,â€ by T. Bayley, H. SÄ¼ral, and J. Bookbinder. International Journal of Production Research, 2021, 59, 4453-4456.	7.5	2
220	Towards Smart Maritime Port Emissions Monitoring: A Platform for Enhanced Transparency. Lecture Notes in Computer Science, 2021, , 71-76.	1.3	2
221	Simulation of an AIS System for the Port of Hamburg. Lecture Notes in Computer Science, 2021, , 21-35.	1.3	2
222	A Bilingual Comparison of Sentiment and Topics for a Product Event on Twitter. Information Systems Frontiers, 2022, 24, 1635-1646.	6.4	2
223	PSO-Based Cooperative Learning Using Chunking. Lecture Notes in Computer Science, 2020, , 278-288.	1.3	2
224	A Pareto Simulated Annealing for the Integrated Problem of Berth and Quay Crane Scheduling at Maritime Container Terminals with Multiple Objectives and Stochastic Arrival Times of Vessels. Lecture Notes in Computer Science, 2020, , 324-340.	1.3	2
225	Towards a Matheuristic Approach for the Berth Allocation Problem. Lecture Notes in Computer Science, 2014, , 218-222.	1.3	2
226	A Super-Function Based Japanese-Chinese Machine Translation System for Business Users. Lecture Notes in Computer Science, 2004, , 272-281.	1.3	2
227	A Novel Approach to Construct Discrete Support Vector Machine Classifiers. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 115-125.	0.2	2
228	A Math-Heuristic Dantzig-Wolfe Algorithm for the Capacitated Lot Sizing Problem. Lecture Notes in Computer Science, 2012, , 31-41.	1.3	2
229	Risk-Averse Anticipation for Dynamic Vehicle Routing. Lecture Notes in Computer Science, 2016, , 274-279.	1.3	2
230	Business/IT Alignment in Two-Sided Markets. Advances in Business Information Systems and Analytics Book Series, 2017, , 82-111.	0.4	2
231	Blockchain in der maritimen Logistik. Edition HMD, 2020, , 235-256.	0.2	2
232	Business/IT Alignment in Two-Sided Markets. , 2020, , 1123-1146.		2
233	A matheuristic approach for solving the 2-connected dominating set problem. Applicable Analysis and Discrete Mathematics, 2020, 14, 775-799.	0.7	2
234	Metaheuristic Class Libraries. , 2003, , 515-535.		1

#	ARTICLE	IF	CITATIONS
235	An Introduction to the Special Focus Issue "Decision Analytics" Business and Information Systems Engineering, 2014, 6, 129-130.	6.1	1
236	Load dependent lead times and sustainability. , 2016, , .		1
237	Stochastic Programming for Global Supply Chain Planning Under Uncertainty: An Outline. Lecture Notes in Computer Science, 2017, , 437-451.	1.3	1
238	Advanced systems in public transport. Public Transport, 2017, 9, 3-6.	2.7	1
239	POPMUSIC. , 2018, , 687-701.		1
240	Robust Multi-Objective Gate Scheduling at Hub Airports Considering Flight Delays: A Hybrid Metaheuristic Approach. Lecture Notes in Computer Science, 2021, , 594-610.	1.3	1
241	Two Look-Ahead Strategies for Local-Search Metaheuristics. Lecture Notes in Computer Science, 2014, , 187-202.	1.3	1
242	Maschinenbelegungsplanung. Springer-Lehrbuch, 1997, , 279-446.	0.0	1
243	Reducing Airport Emissions with Coordinated Pushback Processes: A Case Study. Lecture Notes in Computer Science, 2017, , 572-586.	1.3	1
244	Port Community System Adoption: Game Theoretic Framework for an Emerging Economy Case Study. Lecture Notes in Computer Science, 2019, , 136-153.	1.3	1
245	Assessing Simulated Annealing with Variable Neighborhoods. Lecture Notes in Computer Science, 2020, , 298-303.	1.3	1
246	On Designing a Slot Sharing E-Platform for Liner Shipping Services. Lecture Notes in Computer Science, 2020, , 499-513.	1.3	1
247	From computer-aided transit scheduling to systems and surveys in public transport. Public Transport, 2022, 14, 1-3.	2.7	1
248	Public transport: case studies and applications. Public Transport, 2011, 3, 105-107.	2.7	0
249	Introduction to Intelligent Decision Support for Logistics and Supply Chain Management Minitrack. , 2012, , .		0
250	BISE " Call for Papers Issue 3/2014. Business and Information Systems Engineering, 2013, 5, 55-55.	6.1	0
251	Introduction to Intelligent Decision Support for Logistics and Supply Chain Management Minitrack. , 2013, , .		0
252	Introduction to Telecommunications Analytics and Economics Minitrack. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
253	Introduction to Intelligent Decision Support for Logistics and Supply Chain Management Minitrack. , 2014, , .		0
254	Eine EinfÄ¼hrung in das Schwerpunktheft â€žDecision Analyticsâ€œ. Business & Information Systems Engineering, 2014, 56, 145-146.	0.4	0
255	Introduction to Intelligent Decision Support for Logistics and Supply Chain Management Minitrack. , 2015, , .		0
256	A Mobile Cloud Workforce Management System for SMEs. Lecture Notes in Computer Science, 2015, , 391-395.	1.3	0
257	Introduction to the Minitrack on Intelligent Decision Support for Logistics and Supply Chain Management. , 2016, , .		0
258	Solving the 2-connected m-dominating set problem using a GRASP approach for applications in power systems. , 2018, , .		0
259	Modeling the capacitated p-cable trench problem with facility costs. Central European Journal of Operations Research, 2021, 29, 713-735.	1.8	0
260	Optimal Steiner trees under node and edge privacy conflicts. Journal of Combinatorial Optimization, 0, , 1.	1.3	0
261	Economic Impacts of the Alternative Reuse of Empty ISO Containers. Lecture Notes in Computer Science, 2011, , 142-159.	1.3	0
262	Grundlagen quantitativer Methoden. Springer-Lehrbuch, 1997, , 35-68.	0.0	0
263	Data-Intensive Analytics for Cat Bonds by Considering Supply Chain Risks. Lecture Notes in Computer Science, 2016, , 136-147.	1.3	0
264	POPMUSIC. , 2017, , 1-15.		0
265	Bi-Directional Business/IT Alignment. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 191-199.	0.4	0
266	Smart City: A Perspective of Emergency and Resilience at a Community Level in Shanghai. Lecture Notes in Computer Science, 2020, , 522-536.	1.3	0