

Brigitte Werners

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

894
citations

516215

16
h-index

476904

29
g-index

52
all docs

52
docs citations

52
times ranked

717
citing authors

#	ARTICLE	IF	CITATIONS
1	An interactive fuzzy programming system. <i>Fuzzy Sets and Systems</i> , 1987, 23, 131-147.	1.6	164
2	Interactive multiple objective programming subject to flexible constraints. <i>European Journal of Operational Research</i> , 1987, 31, 342-349.	3.5	97
3	Optimal operation of a CHP plant participating in the German electricity balancing and day-ahead spot market. <i>European Journal of Operational Research</i> , 2017, 261, 390-404.	3.5	59
4	Time-dependent ambulance allocation considering data-driven empirically required coverage. <i>Health Care Management Science</i> , 2015, 18, 444-458.	1.5	58
5	A decision support system for business process planning. <i>European Journal of Operational Research</i> , 2000, 125, 633-647.	3.5	48
6	Value of modular production concepts in future chemical industry production networks. <i>European Journal of Operational Research</i> , 2019, 276, 957-970.	3.5	42
7	Robust optimization of internal transports at a parcel sorting center operated by Deutsche Post World Net. <i>European Journal of Operational Research</i> , 2010, 201, 419-426.	3.5	41
8	A robust approach for scheduling in hospitals using multiple objectives. <i>Journal of the Operational Research Society</i> , 2014, 65, 546-556.	2.1	37
9	A fuzzy multi-criteria approach for robust operating room schedules. <i>Annals of Operations Research</i> , 2017, 251, 325-350.	2.6	36
10	A simulation-based decision support system for business process planning. <i>Fuzzy Sets and Systems</i> , 2002, 125, 275-287.	1.6	35
11	Optimal selection of IT security safeguards from an existing knowledge base. <i>European Journal of Operational Research</i> , 2016, 248, 318-327.	3.5	30
12	Optimal distribution of operating hours over operating rooms using probabilities. <i>European Journal of Operational Research</i> , 2018, 267, 1156-1171.	3.5	26
13	Phishing: An economic analysis of cybercrime perpetrators. <i>Computers and Security</i> , 2016, 58, 39-46.	4.0	23
14	Strategies for interday appointment scheduling in primary care. <i>Health Care Management Science</i> , 2017, 20, 403-418.	1.5	23
15	Reorganizing an existing volunteer fire station network in Germany. <i>Socio-Economic Planning Sciences</i> , 2014, 48, 149-157.	2.5	21
16	Cyclic shift scheduling with on-call duties for emergency medical services. <i>Health Care Management Science</i> , 2019, 22, 676-690.	1.5	19
17	Improved handling of uncertainty and robustness in set covering problems. <i>European Journal of Operational Research</i> , 2017, 263, 35-49.	3.5	18
18	Job Satisfaction and Chronic Stress of General Practitioners and Their Teams: Baseline Data of a Cluster-Randomised Trial (IMPROVEjob). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9458.	1.2	15

#	ARTICLE	IF	CITATIONS
19	IMPROVEjob – Participatory intervention to improve job satisfaction of general practice teams: a model for structural and behavioural prevention in small and medium-sized enterprises – a study protocol of a cluster-randomised controlled trial. <i>Trials</i> , 2020, 21, 532.	0.7	12
20	Capacitated Vehicle Routing Problem with Fuzzy Demand. <i>Studies in Fuzziness and Soft Computing</i> , 2003, , 317-335.	0.6	9
21	Alternative Fuzzy Approaches for Efficiently Solving the Capacitated Vehicle Routing Problem in Conditions of Uncertain Demands. <i>Studies in Systems, Decision and Control</i> , 2018, , 521-543.	0.8	9
22	Tactical blueprints for surgical weeks – An integrated approach for operating rooms and intensive care units. <i>European Journal of Operational Research</i> , 2022, 298, 243-260.	3.5	8
23	Decentralized modular production to increase supply chain efficiency in chemical markets. <i>Journal of Business Economics</i> , 2021, 91, 867-895.	1.3	7
24	Higher Work-Privacy Conflict and Lower Job Satisfaction in GP Leaders and Practice Assistants Working Full-Time Compared to Part-Time: Results of the IMPROVEjob Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2618.	1.2	7
25	Order acceptance for motorail transportation with uncertain parameters. <i>OR Spectrum</i> , 2015, 37, 431-456.	2.1	6
26	Enhanced coverage by integrating site interdependencies in capacitated EMS location models. <i>Health Care Management Science</i> , 2022, 25, 42-62.	1.5	6
27	Capacity determination of ultra-long flexibility investments for district heating systems. <i>Journal of Business Economics</i> , 2015, 85, 663-692.	1.3	5
28	Analysis of Ambulance Location Models Using Discrete Event Simulation. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2016, , 377-383.	0.1	4
29	Time-Dependent Ambulance Allocation Considering Data Driven Empirically Required Coverage. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	3
30	Tactical Planning of Modular Production Networks in the Chemical Industry: A Case Study in Specialty Polymers. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2019, , 407-413.	0.1	3
31	Influence of Fluctuating Electricity Prices due to Renewable Energies on Heat Storage Investments. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2014, , 421-427.	0.1	3
32	Optimierung der Autozugverladung. , 2014, , 99-115.		3
33	Data Driven Ambulance Optimization Considering Dynamic and Economic Aspects. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2014, , 105-111.	0.1	2
34	Optimierung von Spielplänen am Beispiel der Fußball-Bundesliga-Saison 2006/07. <i>Zeitschrift für Planung Und Unternehmenssteuerung</i> , 2007, 18, 207-221.	0.3	1
35	Evaluating shift patterns considering heterogeneous skills and uncertain workforce availability. <i>Journal of Decision Systems</i> , 2021, 30, 27-49.	2.2	1
36	Efficient Production of Specialized Polymers with Highly Flexible Small-Scale Plants. <i>Chemical Engineering and Technology</i> , 2021, 44, 1148-1152.	0.9	1

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37	Optimizing Information Systems Security Design Based on Existing Security Knowledge. Lecture Notes in Business Information Processing, 2015, , 447-458.	0.8	1
38	Multi-Criteria Covering-Based Location of Volunteer Fire Departments. SSRN Electronic Journal, 0, , .	0.4	1
39	Optimising Energy Procurement for Small and Medium-Sized Enterprises. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2016, , 321-326.	0.1	1
40	IMPROVEjob: Reduktion psychischer Belastungen in kleineren Unternehmen. Public Health Forum, 2020, 28, 143-146.	0.1	1
41	Evaluation of Robust Operating Room Schedules Considering Multiple Stakeholders. SSRN Electronic Journal, 0, , .	0.4	0
42	Optimization of Flight Contingent Procurement Considering Quantity Discounts and Contract Negotiations. SSRN Electronic Journal, 0, , .	0.4	0
43	Performance von Risikoentscheidungen für die strukturierte Energiebeschaffung. , 2016, , 469-489.		0
44	Influence of Appointment Times on Interday Scheduling. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2017, , 585-590.	0.1	0
45	Optimal Allocation of Operating Hours in Surgical Departments. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2018, , 267-274.	0.1	0
46	Quantitative Entscheidungsunterstützung für ein sicheres Identitäts- und Zugriffsmanagement. , 2018, , 105-135.		0
47	Bedarfsplanung für kommunale Rettungsdienste. , 2018, , 31-43.		0