Richard F Hartl

List of Publications by Year
in descending order

248 papers	11,727 citations	41344 49 h-index	34986 98 g-index
264 all docs	264 docs citations	264 times ranked	6034 citing authors

#	Article	IF	Citations
1	Reputation or warranty, what is more effective against planned obsolescence?. International Journal of Production Research, 2023, 61, 939-954.	7.5	2
2	A genetic programming learning approach to generate dispatching rules for flexible shop scheduling problems. International Journal of Production Economics, 2022, 243, 108342.	8.9	21
3	Comparison of anticipatory algorithms for a dial-a-ride problem. European Journal of Operational Research, 2022, 301, 591-608.	5.7	6
4	Transportation in the Sharing Economy. Transportation Science, 2022, 56, 567-570.	4.4	9
5	Assignment constraints in shared transportation services. Annals of Operations Research, 2021, 305, 513-539.	4.1	17
6	Heuristics with novel approaches for cyclical multiple parallel machine scheduling in sugarcane unloading systems. International Journal of Production Research, 2021, 59, 2479-2497.	7.5	14
7	A Branch-and-Price Algorithm for the Vehicle Routing Problem with Stochastic Demands and Probabilistic Duration Constraints. Transportation Science, 2021, 55, 122-138.	4.4	22
8	The Prisoners' Dilemma in collaborative carriers' request selection. Central European Journal of Operations Research, 2021, 29, 73-87.	1.8	5
9	The optimal lockdown intensity for COVID-19. Journal of Mathematical Economics, 2021, 93, 102489.	0.8	50
10	The capacitated multi-level lot-sizing problem with distributed agents. International Journal of Production Economics, 2021, 235, 108090.	8.9	9
11	The collaborative consistent vehicle routing problem with workload balance. European Journal of Operational Research, 2021, 293, 955-965.	5.7	50
12	The vehicle routing problem with heterogeneous locker boxes. Central European Journal of Operations Research, 2021, 29, 113-142.	1.8	26
13	Optimal a priori tour and restocking policy for the single-vehicle routing problem with stochastic demands. European Journal of Operational Research, 2020, 285, 172-182.	5.7	19
14	Pushing frontiers in auction-based transport collaborations. Omega, 2020, 94, 102042.	5.9	17
15	The collaborative multi-level lot-sizing problem with cost synergies. International Journal of Production Research, 2020, 58, 332-349.	7.5	10
16	The value of information in auction-based carrier collaborations. International Journal of Production Economics, 2020, 221, 107485.	8.9	19
17	Decisions on pricing, capacity investment, and introduction timing of new product generations in a durable-good monopoly. Central European Journal of Operations Research, 2020, 28, 497-519.	1.8	4
18	New Exact Algorithm for the Vehicle Routing Problem with Stochastic Demands. Transportation Science, 2020, 54, 1073-1090.	4.4	20

#	Article	IF	Citations
19	Shared resources in collaborative vehicle routing. Top, 2020, 28, 1-20.	1.6	47
20	Modeling the impact of product quality on dynamic pricing and advertising policies. European Journal of Operational Research, 2020, 284, 990-1001.	5.7	38
21	Rejoinder on: Shared resources in collaborative vehicle routing. Top, 2020, 28, 32-33.	1.6	2
22	How long should the COVID-19 lockdown continue?. PLoS ONE, 2020, 15, e0243413.	2.5	30
23	Routing a mix of conventional, plug-in hybrid, and electric vehicles. European Journal of Operational Research, 2019, 272, 235-248.	5.7	128
24	The cost of incentive compatibility in auction€based mechanisms for carrier collaboration. Networks, 2019, 73, 490-514.	2.7	31
25	A multi-stage optimal control approach of durable goods pricing and the launch of new product generations. Automatica, 2019, 106, 207-220.	5.0	5
26	Workload equity in vehicle routing: The impact of alternative workload resources. Computers and Operations Research, 2019, 110, 116-129.	4.0	29
27	Dynamic capital structure choice and investment timing. Journal of Economic Dynamics and Control, 2019, 102, 70-80.	1.6	5
28	Leveraging single€objective heuristics to solve bi€objective problems: Heuristic box splitting and its application to vehicle routing. Networks, 2019, 73, 382-400.	2.7	17
29	A machine learning approach for flow shop scheduling problems with alternative resources, sequence-dependent setup times, and blocking. OR Spectrum, 2019, 41, 871-893.	3.4	14
30	The electric two-echelon vehicle routing problem. Computers and Operations Research, 2019, 103, 198-210.	4.0	92
31	Large neighborhood-based metaheuristic and branch-and-price for the pickup and delivery problem with split loads. European Journal of Operational Research, 2018, 270, 1014-1027.	5.7	38
32	Serious strategy for the makers of fun: Analyzing the option to switch from pay-to-play to free-to-play in a two-stage optimal control model with quadratic costs. European Journal of Operational Research, 2018, 267, 700-715.	5.7	20
33	Centralized bundle generation in auction-based collaborative transportation. OR Spectrum, 2018, 40, 613-635.	3.4	36
34	Emerging and innovative OR applications: a special issue in honor of Walter J. Gutjahr. Central European Journal of Operations Research, 2018, 26, 259-263.	1.8	0
35	One- and two-sided assembly line balancing problems with real-world constraints. International Journal of Production Research, 2018, 56, 3025-3042.	7.5	31
36	Collaborative vehicle routing: A survey. European Journal of Operational Research, 2018, 268, 1-12.	5.7	213

#	Article	IF	Citations
37	Exact solutions for the collaborative pickup and delivery problem. Central European Journal of Operations Research, 2018, 26, 357-371.	1.8	24
38	The delivery problem: Optimizing hit rates in e-commerce deliveries. Transportation Research Part B: Methodological, 2018, 117, 455-472.	5.9	40
39	The Cost of Continuity in the Collaborative Pickup and Delivery Problem. Lecture Notes in Computer Science, 2018, , 239-252.	1.3	2
40	The two-region multi-depot pickup and delivery problem. OR Spectrum, 2018, 40, 1077-1108.	3.4	13
41	Comments on: Disruption management in vehicle routing and scheduling for road freight transport: a review. Top, 2018, 26, 21-24.	1.6	0
42	Dynamic Models of the Firm with Green Energy and Goodwill. Lecture Notes in Economics and Mathematical Systems, 2018, , 279-296.	0.3	1
43	A VNS approach to multi-location inventory redistribution with vehicle routing. Computers and Operations Research, 2017, 78, 526-536.	4.0	19
44	Product innovation with lumpy investment. Central European Journal of Operations Research, 2017, 25, 159-182.	1.8	3
45	Adaptive large neighborhood search for the curriculum-based course timetabling problem. Annals of Operations Research, 2017, 252, 255-282.	4.1	36
46	Interaction of pricing, advertising and experience quality: A dynamic analysis. European Journal of Operational Research, 2017, 256, 877-885.	5.7	29
47	The multi-vehicle profitable pickup and delivery problem. OR Spectrum, 2017, 39, 303-319.	3.4	32
48	On the generalization of constraint programming and boolean satisfiability solving techniques to schedule a resource-constrained project consisting of multi-mode jobs. Operations Research Perspectives, 2017, 4, 1-11.	2.1	20
49	Possible market entry of a firm with an additive manufacturing technology. International Journal of Production Economics, 2017, 194, 190-199.	8.9	15
50	Capacity planning for cluster tools in the semiconductor industry. International Journal of Production Economics, 2017, 194, 167-180.	8.9	6
51	Preface: Special issue on the VeRoLog 2015 conference. Networks, 2017, 69, 239-240.	2.7	0
52	A unified framework for routing problems with a fixed fleet size. International Journal of Metaheuristics, 2017, 6, 160.	0.1	8
53	A unified framework for routing problems with a fixed fleet size. International Journal of Metaheuristics, 2017, 6, 160.	0.1	0
54	Dynamic programming based metaheuristics for the dial-a-ride problem. Annals of Operations Research, 2016, 236, 341-358.	4.1	41

#	Article	IF	Citations
55	A large neighbourhood based heuristic for two-echelon routing problems. Computers and Operations Research, 2016, 76, 208-225.	4.0	95
56	A survey on dynamic and stochastic vehicle routing problems. International Journal of Production Research, 2016, 54, 215-231.	7.5	287
57	Supply chain dynamics, control and disruption management. International Journal of Production Research, 2016, 54, 1-7.	7.5	207
58	Autonomous and advertising-dependent 'word of mouth' under costly dynamic pricing. European Journal of Operational Research, 2016, 251, 860-872.	5.7	22
59	Request evaluation strategies for carriers in auction-based collaborations. OR Spectrum, 2016, 38, 3-23.	3.4	47
60	The Electric Fleet Size and Mix Vehicle Routing Problem with Time Windows and Recharging Stations. European Journal of Operational Research, 2016, 252, 995-1018.	5.7	374
61	Advertising and Quality-Dependent Word-of-Mouth in a Contagion Sales Model. Journal of Optimization Theory and Applications, 2016, 170, 323-342.	1.5	13
62	On the efficient modeling and solution of the multi-mode resource-constrained project scheduling problem with generalized precedence relations. OR Spectrum, 2016, 38, 283-303.	3.4	28
63	Notes on the single route lateral transhipment problem. Journal of Global Optimization, 2016, 65, 57-82.	1.8	6
64	A bi-objective home care scheduling problem: Analyzing the trade-off between costs and client inconvenience. European Journal of Operational Research, 2016, 248, 428-443.	5.7	197
65	The Generalized Consistent Vehicle Routing Problem. Transportation Science, 2015, 49, 796-816.	4.4	78
66	Integration of aggregate distribution and dynamic transportation planning in a supply chain with capacity disruptions and the ripple effect consideration. International Journal of Production Research, 2015, 53, 6963-6979.	7.5	58
67	The multi-objective generalized consistent vehicle routing problem. European Journal of Operational Research, 2015, 247, 441-458.	5.7	66
68	Skiba points in free end-time problems. Journal of Economic Dynamics and Control, 2015, 51, 404-419.	1.6	20
69	Capital stock management during a recession that freezes credit markets. Journal of Economic Behavior and Organization, 2015, 116, 1-14.	2.0	4
70	Adaptive search techniques for problems in vehicle routing, part I: A survey. Yugoslav Journal of Operations Research, 2015, 25, 3-31.	0.8	5
71	Adaptive search techniques for problems in vehicle routing, part II: A numerical comparison. Yugoslav Journal of Operations Research, 2015, 25, 169-184.	0.8	6
72	New variable neighbourhood search based 0-1 MIP heuristics. Yugoslav Journal of Operations Research, 2015, 25, 343-360.	0.8	17

#	ARTICLE	IF	CITATIONS
73	Vehicle routing problems in which consistency considerations are important: A survey. Networks, 2014, 64, 192-213.	2.7	88
74	A template‐based adaptive large neighborhood search for the consistent vehicle routing problem. Networks, 2014, 63, 60-81.	2.7	59
75	Simulation-based optimization methods for setting production planning parameters. International Journal of Production Economics, 2014, 151, 206-213.	8.9	58
76	A Dynamic Analysis of Schelling's Binary Corruption Model: A Competitive Equilibrium Approach. Journal of Optimization Theory and Applications, 2014, 161, 608-625.	1.5	5
77	Models and Algorithms for the Integrated Planning of Bin Allocation and Vehicle Routing in Solid Waste Management. Transportation Science, 2014, 48, 103-120.	4.4	79
78	Integrating stochastic time-dependent travel speed in solution methods for the dynamic dial-a-ride problem. European Journal of Operational Research, 2014, 238, 18-30.	5.7	106
79	Leading bureaucracies to the tipping point: An alternative model of multiple stable equilibrium levels of corruption. European Journal of Operational Research, 2013, 225, 541-546.	5.7	9
80	A heuristic solution method for node routing based solid waste collection problems. Journal of Heuristics, 2013, 19, 129-156.	1.4	82
81	When to make proprietary software open source. Journal of Economic Dynamics and Control, 2013, 37, 1182-1194.	1.6	27
82	Long term implications of drug policy shifts: Anticipating and non-anticipating consumers. Annual Reviews in Control, 2013, 37, 105-115.	7.9	2
83	A metaheuristic optimization approach for a real-world stochastic flexible flow shop problem with limited buffer. International Journal of Production Economics, 2013, 145, 88-95.	8.9	49
84	Multiple equilibria and indifference-threshold points in a rational addiction model. Central European Journal of Operations Research, 2013, 21, 507-522.	1.8	9
85	STRUCTURE DYNAMICS CONTROL-BASED INTEGRATION OF AGGREGATE DISTRIBUTION AND DYNAMIC TRANSPORTATION PLANNING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1920-1925.	0.4	0
86	Adaptive large neighborhood search for service technician routing and scheduling problems. Journal of Scheduling, 2012, 15, 579-600.	1.9	144
87	Capital Accumulation and Embodied Technological Progress. Journal of Optimization Theory and Applications, 2012, 154, 588-614.	1.5	11
88	Models and algorithms for the heterogeneous dial-a-ride problem with driver-related constraints. OR Spectrum, 2012, 34, 593-633.	3.4	80
89	A tutorial on the deterministic Impulse Control Maximum Principle: Necessary and sufficient optimality conditions. European Journal of Operational Research, 2012, 219, 18-26.	5.7	38
90	Using Traffic Information for Time-Dependent Vehicle Routing. Procedia, Social and Behavioral Sciences, 2012, 39, 217-229.	0.5	34

#	Article	IF	Citations
91	Numerical solution of a conspicuous consumption model with constant control delay. Automatica, 2011, 47, 1868-1877.	5.0	15
92	Heuristic and exact algorithms for the multi-pile vehicle routing problem. OR Spectrum, 2011, 33, 931-959.	3.4	40
93	Metaheuristics for the dynamic stochastic dial-a-ride problem with expected return transports. Computers and Operations Research, 2011, 38, 1719-1730.	4.0	116
94	Optimal pricing of a conspicuous product during a recession that freezes capital markets. Journal of Economic Dynamics and Control, 2011, 35, 163-174.	1.6	14
95	Two state capital accumulation with heterogenous products: Disruptive vs. non-disruptive goods. Journal of Economic Dynamics and Control, 2011, 35, 462-478.	1.6	9
96	Flexible model for analyzing production systems with discrete event simulation. , 2011, , .		23
97	Variable Neighborhood Search for the Time-Dependent Vehicle Routing Problem with Soft Time Windows. Lecture Notes in Computer Science, 2011, , 61-75.	1.3	5
98	Vorausschauende Produktionsregelung durch simulationsbasierte heuristische Optimierung. , 2011, , 65-77.		0
99	Metaheuristics for vehicle routing problems with three-dimensional loading constraints. European Journal of Operational Research, 2010, 201, 751-759.	5.7	141
100	Delay in finite time capital accumulation. Central European Journal of Operations Research, 2010, 18, 465-475.	1.8	3
101	Editorial â€œIn honor of Gustav Feichtingerâ€. Central European Journal of Operations Research, 2010, 18, 433-435.	1.8	0
102	Gustav Feichtinger celebrates his 70th birthday. Central European Journal of Operations Research, 2010, 18, 437-451.	1.8	1
103	Delay equivalence in capital accumulation models. Journal of Mathematical Economics, 2010, 46, 1243-1246.	0.8	3
104	Vendor managed inventory for environments with stochastic product usage. European Journal of Operational Research, 2010, 202, 686-695.	5.7	99
105	Hybridization of very large neighborhood search for ready-mixed concrete delivery problems. Computers and Operations Research, 2010, 37, 559-574.	4.0	66
106	Heuristics for the multi-period orienteering problem with multiple time windows. Computers and Operations Research, 2010, 37, 351-367.	4.0	156
107	Variable neighborhood search for the dial-a-ride problem. Computers and Operations Research, 2010, 37, 1129-1138.	4.0	168
108	On Index Structures in Hybrid Metaheuristics for Routing Problems with Hard Feasibility Checks: An Application to the 2-Dimensional Loading Vehicle Routing Problem. Lecture Notes in Computer Science, 2010, , 160-173.	1.3	9

#	ARTICLE	IF	CITATIONS
109	Water distribution in disaster relief. International Journal of Physical Distribution and Logistics Management, 2010, 40, 693-708.	7.4	38
110	A Bi-objective Metaheuristic for Disaster Relief Operation Planning. Studies in Computational Intelligence, 2010, , 167-187.	0.9	46
111	A heuristic two€phase solution approach for the multi€objective dial€a€ride problem. Networks, 2009, 54, 227-242.	2.7	71
112	A variable neighborhood search heuristic for periodic routing problems. European Journal of Operational Research, 2009, 195, 791-802.	5.7	239
113	Metaheuristics for the bi-objective orienteering problem. Swarm Intelligence, 2009, 3, 179-201.	2.2	138
114	Simulation and optimization of supply chains: alternative or complementary approaches?. OR Spectrum, 2009, 31, 95-119.	3.4	90
115	Delivery strategies for blood products supplies. OR Spectrum, 2009, 31, 707-725.	3.4	137
116	Ant colony optimization for the two-dimensional loading vehicle routing problem. Computers and Operations Research, 2009, 36, 655-673.	4.0	190
117	A Hybrid Solution Approach for Ready-Mixed Concrete Delivery. Transportation Science, 2009, 43, 70-85.	4.4	51
118	POPMUSIC for a real-world large-scale vehicle routing problem with time windows. Journal of the Operational Research Society, 2009, 60, 934-943.	3.4	27
119	Simulation and optimization of supply chains: alternative or complementary approaches?. , 2009, , 29-53.		6
120	Waiting Strategies for Regular and Emergency Patient Transportation. , 2009, , 271-276.		6
121	A survey on pickup and delivery problems. Journal Für Betriebswirtschaft, 2008, 58, 21-51.	1.2	489
122	A survey on pickup and delivery problems. Journal Für Betriebswirtschaft, 2008, 58, 81-117.	1.2	472
123	A variable neighborhood search for the capacitated arc routing problem with intermediate facilities. Journal of Heuristics, 2008, 14, 405-423.	1.4	97
124	Financially constrained capital investments: The effects of disembodied and embodied technological progress. Journal of Mathematical Economics, 2008, 44, 459-483.	0.8	9
125	Title is missing!. Computers and Operations Research, 2008, 35, 2709-2710.	4.0	0
126	Exact and heuristic algorithms for the vehicle routing problem with multiple interdependent time windows. Computers and Operations Research, 2008, 35, 3034-3048.	4.0	68

#	Article	IF	Citations
127	Nature-inspired metaheuristics for multiobjective activity crashing. Omega, 2008, 36, 1019-1037.	5.9	22
128	Health Care Logistics, Emergency Preparedness, and Disaster Relief: New Challenges for Routing Problems with a Focus on the Austrian Situation. Operations Research/ Computer Science Interfaces Series, 2008, , 527-550.	0.3	19
129	A Cooperative and Adaptive Variable Neighborhood Search for the Multi Depot Vehicle Routing Problem with Time Windows. Business Research, 2008, 1, 207-218.	4.0	46
130	Stochastic Local Search Procedures for the Probabilistic Two-Day Vehicle Routing Problem. Studies in Computational Intelligence, 2008, , 153-168.	0.9	2
131	A Variable Neighborhood Search Integrated in the POPMUSIC Framework for Solving Large Scale Vehicle Routing Problems. Lecture Notes in Computer Science, 2008, , 29-42.	1.3	8
132	Solving a Bi-objective Vehicle Routing Problem by Pareto-Ant Colony Optimization. , 2007, , 187-191.		12
133	Local Search Guided by Path Relinking and Heuristic Bounds. , 2007, , 501-515.		7
134	Metaheuristics. , 2007, , .		19
135	A Population-Based Local Search for Solving a Bi-objective Vehicle Routing Problem. Lecture Notes in Computer Science, 2007, , 166-175.	1.3	15
136	Metaheuristics for the vehicle routing problem with loading constraints. Networks, 2007, 49, 294-307.	2.7	57
137	A new solution property in optimal control: The lens. Automatica, 2007, 43, 744-747.	5.0	2
138	A MAX-MIN ant system for unconstrained multi-level lot-sizing problems. Computers and Operations Research, 2007, 34, 2533-2552.	4.0	64
139	Scheduling periodic customer visits for a traveling salesperson. European Journal of Operational Research, 2007, 179, 823-837.	5.7	29
140	Explaining fashion cycles: Imitators chasing innovators in product space. Journal of Economic Dynamics and Control, 2007, 31, 1535-1556.	1.6	42
141	Reviewer Assignment for Scientific Articles using Memetic Algorithms. , 2007, , 113-134.		7
142	Capital accumulation under technological progress and learning: A vintage capital approach. European Journal of Operational Research, 2006, 172, 293-310.	5.7	38
143	Brand image and brand dilution in the fashion industry. Automatica, 2006, 42, 1363-1370.	5.0	36
144	A dynamical model of water recycling in a mine-processing enterprise. Central European Journal of Operations Research, 2006, 14, 45-57.	1.8	1

#	Article	IF	Citations
145	Special issue on Rich Vehicle Routing Problems. Central European Journal of Operations Research, 2006, 14, 103-104.	1.8	47
146	Pareto ant colony optimization with ILP preprocessing in multiobjective project portfolio selection. European Journal of Operational Research, 2006, 171, 830-841.	5.7	141
147	Anticipation effects of technological progress on capital accumulation: a vintage capital approach. Journal of Economic Theory, 2006, 126, 143-164.	1.1	59
148	Solving a Bi-objective Flowshop Scheduling Problem by Pareto-Ant Colony Optimization. Lecture Notes in Computer Science, 2006, , 294-305.	1.3	19
149	Combining population-based and exact methods for multi-level capacitated lot-sizing problems. International Journal of Production Research, 2006, 44, 4755-4771.	7.5	29
150	PARALLEL COOPERATIVE SAVINGS BASED ANT COLONY OPTIMIZATION â€" MULTIPLE SEARCH AND DECOMPOSITION APPROACHES. Parallel Processing Letters, 2006, 16, 351-369.	0.6	40
151	LP Modelling and Simulation of Supply Chain Networks. , 2005, , 95-113.		8
152	Advertising Directed Towards Existing and New Customers. , 2005, , 3-18.		5
153	History-dependence in a rational addiction model. Mathematical Social Sciences, 2005, 49, 273-293.	0.5	11
154	Dynamic pricing of a status symbol. Nonlinear Analysis: Theory, Methods & Applications, 2005, 63, e2301-e2314.	1.1	0
155	Managing the reputation of an award to motivate performance. Mathematical Methods of Operations Research, 2005, 61, 1-22.	1.0	21
156	Keeping up with the technology pace: A DNS-curve and a limit cycle in a technology investment decision problem. Journal of Economic Behavior and Organization, 2005, 57, 509-529.	2.0	7
157	Environmental policy, the porter hypothesis and the composition of capital: Effects of learning and technological progress. Journal of Environmental Economics and Management, 2005, 50, 434-446.	4.7	73
158	Parallel Ant Systems for the Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2004, , 72-83.	1.3	33
159	Applying Ant Colony Optimization to the Capacitated Arc Routing Problem. Lecture Notes in Computer Science, 2004, , 420-421.	1.3	18
160	Pareto Ant Colony Optimization: A Metaheuristic Approach to Multiobjective Portfolio Selection. Annals of Operations Research, 2004, 131, 79-99.	4.1	358
161	A Variable Neighborhood Search for the Multi Depot Vehicle Routing Problem with Time Windows. Journal of Heuristics, 2004, 10, 613-627.	1.4	214
162	D-Ants: Savings Based Ants divide and conquer the vehicle routing problem. Computers and Operations Research, 2004, 31, 563-591.	4.0	335

#	Article	IF	Citations
163	Optimal investments with convex–concave revenue: a focus-node distinction. Optimal Control Applications and Methods, 2004, 25, 147-163.	2.1	7
164	AntPacking â€" An Ant Colony Optimization Approach for the One-Dimensional Bin Packing Problem. Lecture Notes in Computer Science, 2004, , 41-50.	1.3	13
165	Multiple Equilibria and Thresholds Due to Relative Investment Costs. Journal of Optimization Theory and Applications, 2004, 123, 49-82.	1.5	24
166	Offense Control Taking into Account Heterogeneity of Age. Journal of Optimization Theory and Applications, 2003, 116, 591-620.	1.5	4
167	Optimal Pricing of a Product Diffusing in Rich and Poor Populations. Journal of Optimization Theory and Applications, 2003, 117, 349-375.	1.5	3
168	A DNS-curve in a two-state capital accumulation model: a numerical analysis. Journal of Economic Dynamics and Control, 2003, 27, 701-716.	1.6	30
169	History dependence without unstable steady state: a non-differentiable framework. Journal of Mathematical Economics, 2003, 39, 891-900.	0.8	5
170	New savings based algorithms for time constrained pickup and delivery of full truckloads. European Journal of Operational Research, 2003, 151, 520-535.	5.7	73
171	Workforce planning and allocation for mid-volume truck manufacturing: A case study. International Journal of Production Research, 2003, 41, 449-463.	7.5	12
172	Analyzing a Unified Ant System for the VRP and Some of Its Variants. Lecture Notes in Computer Science, 2003, , 300-310.	1.3	18
173	VRP with Interdependent Time Windows â€" A Case Study for the Austrian Red Cross Blood Program. , 2003, , 156-161.		1
174	Environmental effects of tourism industry investments: an inter-temporal trade-off. Optimal Control Applications and Methods, 2002, 23, 1-19.	2.1	20
175	Insertion Based Ants for Vehicle Routing Problems with Backhauls and Time Windows. Lecture Notes in Computer Science, 2002, , 135-148.	1.3	35
176	SavingsAnts for the Vehicle Routing Problem. Lecture Notes in Computer Science, 2002, , 11-20.	1.3	31
177	Investitionsentscheidungen bei mehrfachen Zielsetzungen und kÃ¼nstliche Ameisen. , 2002, , 355-362.		4
178	Ant Systems to solve operational problems. Interdisciplinary Studies in Economics and Management, 2002, , 65-82.	0.8	2
179	Ant based approaches to analyze strategic management problems. Interdisciplinary Studies in Economics and Management, 2002, , 83-94.	0.8	0
180	Organizing Learning and Product/Process Development. Interdisciplinary Studies in Economics and Management, 2002, , 113-166.	0.8	0

#	ARTICLE	IF	CITATIONS
181	Quantitative Models of Learning Organizations. Interdisciplinary Studies in Economics and Management, 2002, , .	0.8	0
182	Product Placement. Interdisciplinary Studies in Economics and Management, 2002, , 47-62.	0.8	0
183	Genetic-based machine learning. Interdisciplinary Studies in Economics and Management, 2002, , 23-46.	0.8	0
184	A Capital Accumulation Model with Debt Financing: The Steigum Model Revisited. Advances in Computational Management Science, 2002, , 23-38.	1.0	0
185	Environmental effects of tourism industry investments: an inter-temporal trade-off. Optimal Control Applications and Methods, 2002, 23, 1.	2.1	0
186	Optimal periodic development of a pollution generating tourism industry. European Journal of Operational Research, 2001, 134, 582-591.	5.7	13
187	Why Politics Makes Strange Bedfellows: Dynamic Model with DNS Curves. Journal of Optimization Theory and Applications, 2001, 111, 237-254.	1.5	7
188	Terrorism Control in the Tourism Industry. Journal of Optimization Theory and Applications, 2001, 108, 283-296.	1.5	36
189	The Dynamics of a Simple Relative Adjustment Cost Framework. German Economic Review, 2001, 2, 255-268.	1.1	16
190	Cooperative Ant Colonies for Optimizing Resource Allocation in Transportation. Lecture Notes in Computer Science, 2001, , 70-79.	1.3	22
191	A Resource-Constrained Optimal Control Model for Crackdown on Illicit Drug Markets. Journal of Mathematical Analysis and Applications, 2000, 249, 53-79.	1.0	19
192	Optimal Investments with Increasing Returns to Scale: A Further Analysis. , 2000, , 226-238.		3
193	Optimization, Dynamics, and Economic Analysis. , 2000, , .		1
194	An improved Ant System algorithm for theVehicle Routing Problem. Annals of Operations Research, 1999, 89, 319-328.	4.1	453
195	Optimal investment facing possible accidents. Annals of Operations Research, 1999, 88, 99-117.	4.1	2
196	Applying the ANT System to the Vehicle Routing Problem. , 1999, , 285-296.		169
197	Optimal enforcement policies (crackdowns) on an illicit drug market. Optimal Control Applications and Methods, 1998, 19, 169-184.	2.1	19
198	Optimal input substitution of a firm facing an environmental constraint. European Journal of Operational Research, 1997, 99, 336-352.	5.7	14

#	Article	IF	Citations
199	Capital accumulation of a firm facing an emissions tax. Journal of Economics/ Zeitschrift Fur Nationalokonomie, 1996, 63, 1-23.	0.7	17
200	Marketable permits in a stochastic dynamic model of the firm. Journal of Optimization Theory and Applications, 1996, 89, 129-155.	1.5	6
201	Capital accumulation of a firm facing environmental constraints. Optimal Control Applications and Methods, 1996, 17, 253-266.	2.1	9
202	Capital accumulation of a firm facing environmental constraints. Optimal Control Applications and Methods, 1996, 17, 253-266.	2.1	0
203	A Survey of the Maximum Principles for Optimal Control Problems with State Constraints. SIAM Review, 1995, 37, 181-218.	9.5	745
204	PRODUCTION SMOOTHING UNDER ENVIRONMENTAL CONSTRAINTS. Production and Operations Management, 1995, 4, 46-56.	3.8	11
205	Dynamic Optimal Control Models in Advertising: Recent Developments. Management Science, 1994, 40, 195-226.	4.1	324
206	Nonconcavity and proper optimal periodic control. Journal of Economic Dynamics and Control, 1994, 18, 975-990.	1.6	4
207	On the properness of one-dimensional periodic control problems. Systems and Control Letters, 1993, 20, 393-395.	2.3	4
208	Computergestützte Koordination von Referaten eines Kongresses unter Verwendung von OR-Methoden. , 1993, , 113-125.		0
209	Necessary Properness Conditions in Periodic Control. , 1993, , 226-229.		0
210	Lastprognose in der Energiewirtschaft mittels Neuronaler Netze. , 1993, , 366-373.		0
211	Optimal Acquisition of Pollution Control Equipment Under Uncertainty. Management Science, 1992, 38, 609-622.	4.1	20
212	Cycles of fear: Periodic bloodsucking rates for vampires. Journal of Optimization Theory and Applications, 1992, 75, 559-568.	1.5	16
213	Optimal Control, Expectations and Uncertainty.. Economic Journal, 1991, 101, 976.	3.6	0
214	Optimal production mix. Journal of Optimization Theory and Applications, 1990, 66, 255-273.	1.5	3
215	Optimal slidesmanship in conferences with unpredictable chairmen. Optimal Control Applications and Methods, 1990, 11, 143-155.	2.1	3
216	Kraftwerkseinsatzplanung Mittels Zufallsgesteuerter Suchstrategien. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 1990, , 95-102.	0.1	0

#	Article	IF	Citations
217	Optimale nutzung von bergbauabfallen zur produktion von baiimateriallen. Optimization, 1989, 20, 355-362.	1.7	0
218	On forward algorithms for a generalized wheat trading model. Engineering Costs and Production Economics, 1989, 15, 367-370.	0.2	5
219	Optimal control theory with economic applications. European Journal of Operational Research, 1988, 35, 292-293.	5.7	0
220	Adpuls in continuous time. European Journal of Operational Research, 1988, 34, 171-177.	5.7	31
221	A Dynamic activity analysis for a monopolistic firm. Optimal Control Applications and Methods, 1988, 9, 253-272.	2.1	11
222	The Control of environmental pollution and optimal investment and employment decisions: A COmment. Optimal Control Applications and Methods, 1988, 9, 337-339.	2.1	3
223	Optimal Production - Mix. Operations Research Proceedings: Papers of the Annual Meeting = Vortrãge Der Jahrestagung / DGOR, 1988, , 534-534.	0.1	0
224	A new sufficient condition for most rapid approach paths. Journal of Optimization Theory and Applications, 1987, 54, 403-411.	1.5	30
225	A simple proof of the monotonicity of the state trajectories in autonomous control problems. Journal of Economic Theory, 1987, 41, 211-215.	1.1	79
226	On remuneration patterns for medical services. Optimal Control Applications and Methods, 1986, 7, 185-193.	2.1	4
227	On the optimality of cyclical employment policies. Journal of Economic Dynamics and Control, 1986, 10, 457-466.	1.6	11
228	Arrow-type sufficient optimality conditions for nondifferentiable optimal control problems with state constraints. Applied Mathematics and Optimization, 1986, 14, 229-247.	1.6	6
229	A forward algorithm for a generalized wheat trading model. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1986, 30, A135-A144.	0.3	5
230	On the use of Hamiltonian and maximized Hamiltonian in nondifferentiable control theory. Journal of Optimization Theory and Applications, 1985, 46, 493-504.	1.5	7
231	Optimal pricing and production in an inventory model. European Journal of Operational Research, 1985, 19, 45-56.	5.7	79
232	Optimal manpower policies in a dynamic staffâ€maximizing bureau. Optimal Control Applications and Methods, 1985, 6, 57-64.	2.1	2
233	OPTIMAL SEDUCING POLICIES FOR DYNAMIC CONTINUOUS LOVERS UNDER RISK OF BEING KILLED BY A RIVAL. Cybernetics and Systems, 1984, 15, 119-126.	2.5	1
234	Optimal control problems with differential inclusions: Sufficiency conditions and an application to a productionâ€inventory model. Optimal Control Applications and Methods, 1984, 5, 289-307.	2.1	30

#	Article	IF	Citations
235	Optimal dynamic advertising policies for hereditary processes. Journal of Optimization Theory and Applications, 1984, 43, 51-72.	1.5	26
236	Optimal control of a class of systems with continuous lags: Dynamic programming approach and economic interpretations. Journal of Optimization Theory and Applications, 1984, 43, 73-88.	1.5	27
237	Eine Ãœbersicht Ã¼ber das Maximumprinzip fÃ¼r optimale Kontrollprobleme mit Zustandsnebenbedingungen. Operations Research Proceedings: Papers of the Annual Meeting = VortrÃ¤ge Der Jahrestagung / DGOR, 1984, , 599-613.	0.1	0
238	A note on the free terminal time transversality condition. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1983, 27, 203-208.	0.3	6
239	Convex-concave utility function: Optimal blood-consumption for vampires. Applied Mathematical Modelling, 1983, 7, 83-88.	4.2	13
240	Optimal maintenance and production rates for a machine. Journal of Economic Dynamics and Control, 1983, 6, 281-306.	1.6	18
241	Optimal Allocation of Resources in the Production of Human Capital. Journal of the Operational Research Society, 1983, 34, 599.	3.4	0
242	Optimal Allocation of Resources in the Production of Human Capital. Journal of the Operational Research Society, 1983, 34, 599-606.	3.4	6
243	Optimal control of nonâ€‘linear advertising models with replenishable budget. Optimal Control Applications and Methods, 1982, 3, 53-65.	2.1	7
244	Optimal control of concave economic models with two control instruments. , 1982, , 227-245.		1
245	An ant colony optimization approach for the single machine total tardiness problem. , 0, , .		70
246	A Resource-Constrained Optimal Control Model for Crackdown on Illicit Drug Markets. SSRN Electronic Journal, 0, , .	0.4	3
247	Large-scale collaborative vehicle routing. Annals of Operations Research, 0, , 1.	4.1	7
248	Asymmetric Information in a Capital Accumulation Differential Game with Spillover and Learning Effects. Journal of Optimization Theory and Applications, 0, , .	1.5	0