Richard F Hartl

List of Publications by Year
in descending order

248	11,727	41344	34986
papers	citations	49	98
		h-index	g-index

264	264	264	6034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Survey of the Maximum Principles for Optimal Control Problems with State Constraints. SIAM Review, 1995, 37, 181-218.	9.5	745
2	A survey on pickup and delivery problems. Journal Für Betriebswirtschaft, 2008, 58, 21-51.	1.2	489
3	A survey on pickup and delivery problems. Journal Für Betriebswirtschaft, 2008, 58, 81-117.	1.2	472
4	An improved Ant System algorithm for theVehicle Routing Problem. Annals of Operations Research, 1999, 89, 319-328.	4.1	453
5	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
6	Pareto Ant Colony Optimization: A Metaheuristic Approach to Multiobjective Portfolio Selection. Annals of Operations Research, 2004, 131, 79-99.	4.1	358
7	D-Ants: Savings Based Ants divide and conquer the vehicle routing problem. Computers and Operations Research, 2004, 31, 563-591.	4.0	335
8	Dynamic Optimal Control Models in Advertising: Recent Developments. Management Science, 1994, 40, 195-226.	4.1	324
9	A survey on dynamic and stochastic vehicle routing problems. International Journal of Production Research, 2016, 54, 215-231.	7.5	287
10	A variable neighborhood search heuristic for periodic routing problems. European Journal of Operational Research, 2009, 195, 791-802.	5.7	239
11	A Variable Neighborhood Search for the Multi Depot Vehicle Routing Problem with Time Windows. Journal of Heuristics, 2004, 10, 613-627.	1.4	214
12	Collaborative vehicle routing: A survey. European Journal of Operational Research, 2018, 268, 1-12.	5.7	213
13	Supply chain dynamics, control and disruption management. International Journal of Production Research, 2016, 54, 1-7.	7.5	207
14	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
15	Ant colony optimization for the two-dimensional loading vehicle routing problem. Computers and Operations Research, 2009, 36, 655-673.	4.0	190
16	Applying the ANT System to the Vehicle Routing Problem. , 1999, , 285-296.		169
17	Variable neighborhood search for the dial-a-ride problem. Computers and Operations Research, 2010, 37, 1129-1138.	4.0	168
18	Heuristics for the multi-period orienteering problem with multiple time windows. Computers and Operations Research, 2010, 37, 351-367.	4.0	156

#	ARTICLE	IF	CITATIONS
19	Adaptive large neighborhood search for service technician routing and scheduling problems. Journal of Scheduling, 2012, 15, 579-600.	1.9	144
20	Pareto ant colony optimization with ILP preprocessing in multiobjective project portfolio selection. European Journal of Operational Research, 2006, 171, 830-841.	5.7	141
21	Metaheuristics for vehicle routing problems with three-dimensional loading constraints. European Journal of Operational Research, 2010, 201, 751-759.	5.7	141
22	Metaheuristics for the bi-objective orienteering problem. Swarm Intelligence, 2009, 3, 179-201.	2.2	138
23	Delivery strategies for blood products supplies. OR Spectrum, 2009, 31, 707-725.	3.4	137
24	Routing a mix of conventional, plug-in hybrid, and electric vehicles. European Journal of Operational Research, 2019, 272, 235-248.	5.7	128
25	Metaheuristics for the dynamic stochastic dial-a-ride problem with expected return transports. Computers and Operations Research, 2011, 38, 1719-1730.	4.0	116
26	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
27	Vendor managed inventory for environments with stochastic product usage. European Journal of Operational Research, 2010, 202, 686-695.	5.7	99
28	A variable neighborhood search for the capacitated arc routing problem with intermediate facilities. Journal of Heuristics, 2008, 14, 405-423.	1.4	97
29	A large neighbourhood based heuristic for two-echelon routing problems. Computers and Operations Research, 2016, 76, 208-225.	4.0	95
30	The electric two-echelon vehicle routing problem. Computers and Operations Research, 2019, 103, 198-210.	4.0	92
31	Simulation and optimization of supply chains: alternative or complementary approaches?. OR Spectrum, 2009, 31, 95-119.	3.4	90
32	Vehicle routing problems in which consistency considerations are important: A survey. Networks, 2014, 64, 192-213.	2.7	88
33	A heuristic solution method for node routing based solid waste collection problems. Journal of Heuristics, 2013, 19, 129-156.	1.4	82
34	Models and algorithms for the heterogeneous dial-a-ride problem with driver-related constraints. OR Spectrum, 2012, 34, 593-633.	3.4	80
35	Optimal pricing and production in an inventory model. European Journal of Operational Research, 1985, 19, 45-56.	5.7	79
36	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

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37	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
38	The Generalized Consistent Vehicle Routing Problem. Transportation Science, 2015, 49, 796-816.	4.4	78
39	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
40	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
41	A heuristic two€phase solution approach for the multi€objective dial€a€ride problem. Networks, 2009, 54, 227-242.	2.7	71
42	An ant colony optimization approach for the single machine total tardiness problem. , 0, , .		70
43	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
44	Hybridization of very large neighborhood search for ready-mixed concrete delivery problems. Computers and Operations Research, 2010, 37, 559-574.	4.0	66
45	The multi-objective generalized consistent vehicle routing problem. European Journal of Operational Research, 2015, 247, 441-458.	5.7	66
46	A MAX-MIN ant system for unconstrained multi-level lot-sizing problems. Computers and Operations Research, 2007, 34, 2533-2552.	4.0	64
47	Anticipation effects of technological progress on capital accumulation: a vintage capital approach. Journal of Economic Theory, 2006, 126, 143-164.	1.1	59
48	A template€based adaptive large neighborhood search for the consistent vehicle routing problem. Networks, 2014, 63, 60-81.	2.7	59
49	Simulation-based optimization methods for setting production planning parameters. International Journal of Production Economics, 2014, 151, 206-213.	8.9	58
50	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
51	Metaheuristics for the vehicle routing problem with loading constraints. Networks, 2007, 49, 294-307.	2.7	57
52	A Hybrid Solution Approach for Ready-Mixed Concrete Delivery. Transportation Science, 2009, 43, 70-85.	4.4	51
53	The optimal lockdown intensity for COVID-19. Journal of Mathematical Economics, 2021, 93, 102489.	0.8	50
54	The collaborative consistent vehicle routing problem with workload balance. European Journal of Operational Research, 2021, 293, 955-965.	5.7	50

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55	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
56	Special issue on Rich Vehicle Routing Problems. Central European Journal of Operations Research, 2006, 14, 103-104.	1.8	47
57	Request evaluation strategies for carriers in auction-based collaborations. OR Spectrum, 2016, 38, 3-23.	3.4	47
58	Shared resources in collaborative vehicle routing. Top, 2020, 28, 1-20.	1.6	47
59	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
60	A Bi-objective Metaheuristic for Disaster Relief Operation Planning. Studies in Computational Intelligence, 2010, , 167-187.	0.9	46
61	Explaining fashion cycles: Imitators chasing innovators in product space. Journal of Economic Dynamics and Control, 2007, 31, 1535-1556.	1.6	42
62	Dynamic programming based metaheuristics for the dial-a-ride problem. Annals of Operations Research, 2016, 236, 341-358.	4.1	41
63	PARALLEL COOPERATIVE SAVINGS BASED ANT COLONY OPTIMIZATION â€" MULTIPLE SEARCH AND DECOMPOSITION APPROACHES. Parallel Processing Letters, 2006, 16, 351-369.	0.6	40
64	Heuristic and exact algorithms for the multi-pile vehicle routing problem. OR Spectrum, 2011, 33, 931-959.	3.4	40
65	The delivery problem: Optimizing hit rates in e-commerce deliveries. Transportation Research Part B: Methodological, 2018, 117, 455-472.	5.9	40
66	Capital accumulation under technological progress and learning: A vintage capital approach. European Journal of Operational Research, 2006, 172, 293-310.	5.7	38
67	Water distribution in disaster relief. International Journal of Physical Distribution and Logistics Management, 2010, 40, 693-708.	7.4	38
68	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
69	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
70	Modeling the impact of product quality on dynamic pricing and advertising policies. European Journal of Operational Research, 2020, 284, 990-1001.	5.7	38
71	Terrorism Control in the Tourism Industry. Journal of Optimization Theory and Applications, 2001, 108, 283-296.	1.5	36
72	Brand image and brand dilution in the fashion industry. Automatica, 2006, 42, 1363-1370.	5.0	36

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73	Adaptive large neighborhood search for the curriculum-based course timetabling problem. Annals of Operations Research, 2017, 252, 255-282.	4.1	36
74	Centralized bundle generation in auction-based collaborative transportation. OR Spectrum, 2018, 40, 613-635.	3.4	36
75	Insertion Based Ants for Vehicle Routing Problems with Backhauls and Time Windows. Lecture Notes in Computer Science, 2002, , 135-148.	1.3	35
76	Using Traffic Information for Time-Dependent Vehicle Routing. Procedia, Social and Behavioral Sciences, 2012, 39, 217-229.	0.5	34
77	Parallel Ant Systems for the Capacitated Vehicle Routing Problem. Lecture Notes in Computer Science, 2004, , 72-83.	1.3	33
78	The multi-vehicle profitable pickup and delivery problem. OR Spectrum, 2017, 39, 303-319.	3.4	32
79	Adpuls in continuous time. European Journal of Operational Research, 1988, 34, 171-177.	5.7	31
80	One- and two-sided assembly line balancing problems with real-world constraints. International Journal of Production Research, 2018, 56, 3025-3042.	7.5	31
81	The cost of incentive compatibility in auctionâ€based mechanisms for carrier collaboration. Networks, 2019, 73, 490-514.	2.7	31
82	SavingsAnts for the Vehicle Routing Problem. Lecture Notes in Computer Science, 2002, , 11-20.	1.3	31
83	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
84	A new sufficient condition for most rapid approach paths. Journal of Optimization Theory and Applications, 1987, 54, 403-411.	1.5	30
85	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
86	How long should the COVID-19 lockdown continue?. PLoS ONE, 2020, 15, e0243413.	2.5	30
87	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
88	Scheduling periodic customer visits for a traveling salesperson. European Journal of Operational Research, 2007, 179, 823-837.	5.7	29
89	Interaction of pricing, advertising and experience quality: A dynamic analysis. European Journal of Operational Research, 2017, 256, 877-885.	5.7	29
90	Workload equity in vehicle routing: The impact of alternative workload resources. Computers and Operations Research, 2019, 110, 116-129.	4.0	29

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91	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
92	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
93	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
94	When to make proprietary software open source. Journal of Economic Dynamics and Control, 2013, 37, 1182-1194.	1.6	27
95	Optimal dynamic advertising policies for hereditary processes. Journal of Optimization Theory and Applications, 1984, 43, 51-72.	1.5	26
96	The vehicle routing problem with heterogeneous locker boxes. Central European Journal of Operations Research, 2021, 29, 113-142.	1.8	26
97	Multiple Equilibria and Thresholds Due to Relative Investment Costs. Journal of Optimization Theory and Applications, 2004, 123, 49-82.	1.5	24
98	Exact solutions for the collaborative pickup and delivery problem. Central European Journal of Operations Research, 2018, 26, 357-371.	1.8	24
99	Flexible model for analyzing production systems with discrete event simulation. , 2011, , .		23
100	Cooperative Ant Colonies for Optimizing Resource Allocation in Transportation. Lecture Notes in Computer Science, 2001, , 70-79.	1.3	22
101	Nature-inspired metaheuristics for multiobjective activity crashing. Omega, 2008, 36, 1019-1037.	5.9	22
102	Autonomous and advertising-dependent 'word of mouth' under costly dynamic pricing. European Journal of Operational Research, 2016, 251, 860-872.	5.7	22
103	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
104	Managing the reputation of an award to motivate performance. Mathematical Methods of Operations Research, 2005, 61, 1-22.	1.0	21
105	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
106	Optimal Acquisition of Pollution Control Equipment Under Uncertainty. Management Science, 1992, 38, 609-622.	4.1	20
107	Environmental effects of tourism industry investments: an inter-temporal trade-off. Optimal Control Applications and Methods, 2002, 23, 1-19.	2.1	20
108	Skiba points in free end-time problems. Journal of Economic Dynamics and Control, 2015, 51, 404-419.	1.6	20

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109	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
110	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
111	New Exact Algorithm for the Vehicle Routing Problem with Stochastic Demands. Transportation Science, 2020, 54, 1073-1090.	4.4	20
112	Optimal enforcement policies (crackdowns) on an illicit drug market. Optimal Control Applications and Methods, 1998, 19, 169-184.	2.1	19
113	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
114	Solving a Bi-objective Flowshop Scheduling Problem by Pareto-Ant Colony Optimization. Lecture Notes in Computer Science, 2006, , 294-305.	1.3	19
115	Metaheuristics. , 2007, , .		19
116	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
117	A VNS approach to multi-location inventory redistribution with vehicle routing. Computers and Operations Research, 2017, 78, 526-536.	4.0	19
118	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
119	The value of information in auction-based carrier collaborations. International Journal of Production Economics, 2020, 221, 107485.	8.9	19
120	Optimal maintenance and production rates for a machine. Journal of Economic Dynamics and Control, 1983, 6, 281-306.	1.6	18
121	Analyzing a Unified Ant System for the VRP and Some of Its Variants. Lecture Notes in Computer Science, 2003, , 300-310.	1.3	18
122	Applying Ant Colony Optimization to the Capacitated Arc Routing Problem. Lecture Notes in Computer Science, 2004, , 420-421.	1.3	18
123	Capital accumulation of a firm facing an emissions tax. Journal of Economics/ Zeitschrift Fur Nationalokonomie, 1996, 63, 1-23.	0.7	17
124	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
125	Pushing frontiers in auction-based transport collaborations. Omega, 2020, 94, 102042.	5.9	17
126	Assignment constraints in shared transportation services. Annals of Operations Research, 2021, 305, 513-539.	4.1	17

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127	New variable neighbourhood search based 0-1 MIP heuristics. Yugoslav Journal of Operations Research, 2015, 25, 343-360.	0.8	17
128	Cycles of fear: Periodic bloodsucking rates for vampires. Journal of Optimization Theory and Applications, 1992, 75, 559-568.	1.5	16
129	The Dynamics of a Simple Relative Adjustment Cost Framework. German Economic Review, 2001, 2, 255-268.	1.1	16
130	A Population-Based Local Search for Solving a Bi-objective Vehicle Routing Problem. Lecture Notes in Computer Science, 2007, , 166-175.	1.3	15
131	Numerical solution of a conspicuous consumption model with constant control delay. Automatica, 2011, 47, 1868-1877.	5.0	15
132	Possible market entry of a firm with an additive manufacturing technology. International Journal of Production Economics, 2017, 194, 190-199.	8.9	15
133	Optimal input substitution of a firm facing an environmental constraint. European Journal of Operational Research, 1997, 99, 336-352.	5.7	14
134	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
135	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
136	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
137	Convex-concave utility function: Optimal blood-consumption for vampires. Applied Mathematical Modelling, 1983, 7, 83-88.	4.2	13
138	Optimal periodic development of a pollution generating tourism industry. European Journal of Operational Research, 2001, 134, 582-591.	5.7	13
139	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
140	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
141	The two-region multi-depot pickup and delivery problem. OR Spectrum, 2018, 40, 1077-1108.	3.4	13
142	Workforce planning and allocation for mid-volume truck manufacturing: A case study. International Journal of Production Research, 2003, 41, 449-463.	7.5	12
143	Solving a Bi-objective Vehicle Routing Problem by Pareto-Ant Colony Optimization. , 2007, , 187-191.		12
144	On the optimality of cyclical employment policies. Journal of Economic Dynamics and Control, 1986, 10, 457-466.	1.6	11

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145	History-dependence in a rational addiction model. Mathematical Social Sciences, 2005, 49, 273-293.	0.5	11
146	A Dynamic activity analysis for a monopolistic firm. Optimal Control Applications and Methods, 1988, 9, 253-272.	2.1	11
147	PRODUCTION SMOOTHING UNDER ENVIRONMENTAL CONSTRAINTS. Production and Operations Management, 1995, 4, 46-56.	3.8	11
148	Capital Accumulation and Embodied Technological Progress. Journal of Optimization Theory and Applications, 2012, 154, 588-614.	1.5	11
149	The collaborative multi-level lot-sizing problem with cost synergies. International Journal of Production Research, 2020, 58, 332-349.	7.5	10
150	Capital accumulation of a firm facing environmental constraints. Optimal Control Applications and Methods, 1996, 17, 253-266.	2.1	9
151	Financially constrained capital investments: The effects of disembodied and embodied technological progress. Journal of Mathematical Economics, 2008, 44, 459-483.	0.8	9
152	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
153	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
154	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
155	Multiple equilibria and indifference-threshold points in a rational addiction model. Central European Journal of Operations Research, 2013, 21, 507-522.	1.8	9
156	The capacitated multi-level lot-sizing problem with distributed agents. International Journal of Production Economics, 2021, 235, 108090.	8.9	9
157	Transportation in the Sharing Economy. Transportation Science, 2022, 56, 567-570.	4.4	9
158	LP Modelling and Simulation of Supply Chain Networks. , 2005, , 95-113.		8
159	A unified framework for routing problems with a fixed fleet size. International Journal of Metaheuristics, 2017, 6, 160.	0.1	8
160	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
161	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
162	Why Politics Makes Strange Bedfellows: Dynamic Model with DNS Curves. Journal of Optimization Theory and Applications, 2001, 111, 237-254.	1.5	7

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163	Optimal investments with convex–concave revenue: a focus-node distinction. Optimal Control Applications and Methods, 2004, 25, 147-163.	2.1	7
164	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
165	Local Search Guided by Path Relinking and Heuristic Bounds. , 2007, , 501-515.		7
166	Optimal control of non–linear advertising models with replenishable budget. Optimal Control Applications and Methods, 1982, 3, 53-65.	2.1	7
167	Reviewer Assignment for Scientific Articles using Memetic Algorithms. , 2007, , 113-134.		7
168	Large-scale collaborative vehicle routing. Annals of Operations Research, 0, , 1.	4.1	7
169	A note on the free terminal time transversality condition. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1983, 27, 203-208.	0.3	6
170	Optimal Allocation of Resources in the Production of Human Capital. Journal of the Operational Research Society, 1983, 34, 599-606.	3.4	6
171	Arrow-type sufficient optimality conditions for nondifferentiable optimal control problems with state constraints. Applied Mathematics and Optimization, 1986, 14, 229-247.	1.6	6
172	Marketable permits in a stochastic dynamic model of the firm. Journal of Optimization Theory and Applications, 1996, 89, 129-155.	1.5	6
173	Notes on the single route lateral transhipment problem. Journal of Global Optimization, 2016, 65, 57-82.	1.8	6
174	Capacity planning for cluster tools in the semiconductor industry. International Journal of Production Economics, 2017, 194, 167-180.	8.9	6
175	Simulation and optimization of supply chains: alternative or complementary approaches?. , 2009, , 29-53.		6
176	Waiting Strategies for Regular and Emergency Patient Transportation. , 2009, , 271-276.		6
177	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
178	Comparison of anticipatory algorithms for a dial-a-ride problem. European Journal of Operational Research, 2022, 301, 591-608.	5.7	6
179	A forward algorithm for a generalized wheat trading model. Zeitschrift Fuer Operations-Research, Serie B: Praxis, 1986, 30, A135-A144.	0.3	5
180	On forward algorithms for a generalized wheat trading model. Engineering Costs and Production Economics, 1989, 15, 367-370.	0.2	5

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181	History dependence without unstable steady state: a non-differentiable framework. Journal of Mathematical Economics, 2003, 39, 891-900.	0.8	5
182	Advertising Directed Towards Existing and New Customers. , 2005, , 3-18.		5
183	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
184	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
185	Dynamic capital structure choice and investment timing. Journal of Economic Dynamics and Control, 2019, 102, 70-80.	1.6	5
186	The Prisoners' Dilemma in collaborative carriers' request selection. Central European Journal of Operations Research, 2021, 29, 73-87.	1.8	5
187	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
188	Adaptive search techniques for problems in vehicle routing, part I: A survey. Yugoslav Journal of Operations Research, 2015, 25, 3-31.	0.8	5
189	On remuneration patterns for medical services. Optimal Control Applications and Methods, 1986, 7, 185-193.	2.1	4
190	On the properness of one-dimensional periodic control problems. Systems and Control Letters, 1993, 20, 393-395.	2.3	4
191	Nonconcavity and proper optimal periodic control. Journal of Economic Dynamics and Control, 1994, 18, 975-990.	1.6	4
192	Offense Control Taking into Account Heterogeneity of Age. Journal of Optimization Theory and Applications, 2003, 116, 591-620.	1.5	4
193	Capital stock management during a recession that freezes credit markets. Journal of Economic Behavior and Organization, 2015, 116, 1-14.	2.0	4
194	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
195	Investitionsentscheidungen bei mehrfachen Zielsetzungen und künstliche Ameisen. , 2002, , 355-362.		4
196	Optimal production mix. Journal of Optimization Theory and Applications, 1990, 66, 255-273.	1.5	3
197	Optimal slidesmanship in conferences with unpredictable chairmen. Optimal Control Applications and Methods, 1990, 11, 143-155.	2.1	3
198	Optimal Pricing of a Product Diffusing in Rich and Poor Populations. Journal of Optimization Theory and Applications, 2003, 117, 349-375.	1.5	3

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199	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
200	Delay in finite time capital accumulation. Central European Journal of Operations Research, 2010, 18, 465-475.	1.8	3
201	Delay equivalence in capital accumulation models. Journal of Mathematical Economics, 2010, 46, 1243-1246.	0.8	3
202	Product innovation with lumpy investment. Central European Journal of Operations Research, 2017, 25, 159-182.	1.8	3
203	Optimal Investments with Increasing Returns to Scale: A Further Analysis. , 2000, , 226-238.		3
204	A Resource-Constrained Optimal Control Model for Crackdown on Illicit Drug Markets. SSRN Electronic Journal, 0, , .	0.4	3
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