

# Robert Klein

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,835  
citations

361296

20  
h-index

330025

37  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bison: A fast hybrid procedure for exactly solving the one-dimensional bin packing problem. Computers and Operations Research, 1997, 24, 627-645.	2.4	220
2	SALOME: A Bidirectional Branch-and-Bound Procedure for Assembly Line Balancing. INFORMS Journal on Computing, 1997, 9, 319-334.	1.0	167
3	ULINO: Optimally balancing U-shaped JIT assembly lines. International Journal of Production Research, 1999, 37, 721-736.	4.9	131
4	Computing lower bounds by destructive improvement: An application to resource-constrained project scheduling. European Journal of Operational Research, 1999, 112, 322-346.	3.5	113
5	A review of choice-based revenue management: Theory and methods. European Journal of Operational Research, 2018, 271, 375-387.	3.5	98
6	Balancing assembly lines effectively – A computational comparison. European Journal of Operational Research, 1999, 114, 50-58.	3.5	94
7	Maximizing the production rate in simple assembly line balancing – A branch and bound procedure. European Journal of Operational Research, 1996, 91, 367-385.	3.5	89
8	Bidirectional planning: improving priority rule-based heuristics for scheduling resource-constrained projects. European Journal of Operational Research, 2000, 127, 619-638.	3.5	89
9	Scheduling of Resource-Constrained Projects. Operations Research/ Computer Science Interfaces Series, 2000, , .	0.3	89
10	A review of revenue management: Recent generalizations and advances in industry applications. European Journal of Operational Research, 2020, 284, 397-412.	3.5	74
11	Project scheduling with time-varying resource constraints. International Journal of Production Research, 2000, 38, 3937-3952.	4.9	68
12	Differentiated Time Slot Pricing Under Routing Considerations in Attended Home Delivery. Transportation Science, 2019, 53, 236-255.	2.6	66
13	Pattern Based Vocabulary Building for Effectively Sequencing Mixed-Model Assembly Lines. Journal of Heuristics, 1998, 4, 359-381.	1.1	64
14	Dynamic pricing with strategic customers. Journal of Business Economics, 2013, 83, 505-549.	1.3	51
15	A model-based approximation of opportunity cost for dynamic pricing in attended home delivery. OR Spectrum, 2018, 40, 969-996.	2.1	41
16	Using flexible products to cope with demand uncertainty in revenue management. OR Spectrum, 2012, 34, 215-242.	2.1	40
17	Einführung in Operations Research. , 2015, , .		40
18	Dynamic control mechanisms for revenue management with flexible products. Computers and Operations Research, 2010, 37, 2027-2039.	2.4	34

#	ARTICLE	IF	CITATIONS
19	Network capacity control using self-adjusting bid-prices. OR Spectrum, 2006, 29, 39-60.	2.1	33
20	Route-based approximate dynamic programming for dynamic pricing in attended home delivery. European Journal of Operational Research, 2020, 287, 633-652.	3.5	26
21	A simulation-based approach to price optimisation of the mixed bundling problem with capacity constraints. International Journal of Production Economics, 2013, 145, 584-598.	5.1	24
22	Product line pricing for services with capacity constraints and dynamic substitution. European Journal of Operational Research, 2012, 219, 347-359.	3.5	21
23	Demand-Oriented Integrated Scheduling for Point-to-Point Airlines. Transportation Science, 2017, 51, 196-213.	2.6	20
24	PROGRESS: Optimally solving the generalized resource-constrained project scheduling problem. Mathematical Methods of Operations Research, 2000, 52, 467-488.	0.4	15
25	CR2Mâ€”an approach for capacity control considering long-term effects on the value of a customer for the company. Journal of Management Control, 2011, 22, 187-204.	0.8	15
26	Product line optimization in the presence of preferences for compromise alternatives. European Journal of Operational Research, 2021, 288, 902-917.	3.5	14
27	Model-based delivery cost approximation in attended home services. Computers and Industrial Engineering, 2016, 98, 78-90.	3.4	12
28	Recent advances in integrating demand management and vehicle routing: A methodological review. European Journal of Operational Research, 2023, 306, 499-518.	3.5	12
29	Maximizing customer equity subject to capacity constraints. Omega, 2015, 55, 111-125.	3.6	11
30	Revenue Management im Branchenvergleich. , 2005, , 1-30.		11
31	Model-based decision support for optimal brochure pricing: applying advanced analytics in the tour operating industry. OR Spectrum, 2014, 36, 557-584.	2.1	9
32	Practical decision rules for risk-averse revenue management using simulation-based optimization. Journal of Revenue and Pricing Management, 2016, 15, 468-487.	0.7	7
33	Bestimmung von OpportunitÄtskosten am Beispiel des Produktionscontrolling. Zeitschrift für Planung Und Unternehmenssteuerung, 2004, 15, 275-294.	0.3	6
34	Revenue management. OR Spectrum, 2006, 29, 1-3.	2.1	5
35	Differentiated Time Slot Pricing Under Routing Considerations in Attended Home Delivery. SSRN Electronic Journal, 0, , .	0.4	4
36	Simulation-based optimization of an agent-based simulation. NETNOMICS: Economic Research and Electronic Networking, 2014, 15, 33-56.	0.9	3

#	ARTICLE	IF	CITATIONS
37	Time Window Budgets for Anticipation in Attended Home Delivery. SSRN Electronic Journal, 2017, , .	0.4	3
38	Discrete Choice Modelling (Teil I). WiSt - Wirtschaftswissenschaftliches Studium, 2008, 37, 356-362.	0.0	1
39	Discrete Choice Modelling (Teil II). WiSt - Wirtschaftswissenschaftliches Studium, 2008, 37, 412-418.	0.0	1
40	On the Approximation of Opportunity Cost for Dynamic Pricing in Attended Home Delivery. SSRN Electronic Journal, 0, , .	0.4	0