

# Kenneth R Baker

## List of Publications by Year in descending order

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55  
papers

5,184  
citations

159525  
30  
h-index

168321  
53  
g-index

110  
all docs

110  
docs citations

110  
times ranked

1937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trading off due-date tightness and job tardiness in a basic scheduling model. Journal of Scheduling, 2015, 18, 305-309.	1.3	3
2	Minimizing earliness and tardiness costs in stochastic scheduling. European Journal of Operational Research, 2014, 236, 445-452.	3.5	37
3	Setting optimal due dates in a basic safe-scheduling model. Computers and Operations Research, 2014, 41, 109-114.	2.4	11
4	Computational results for the flowshop tardiness problem. Computers and Industrial Engineering, 2013, 64, 812-816.	3.4	11
5	PERT 21: Fitting PERT/CPM for use in the 21st century. International Journal of Project Management, 2012, 30, 490-502.	2.7	79
6	Heuristic solution methods for the stochastic flow shop problem. European Journal of Operational Research, 2012, 216, 172-177.	3.5	41
7	Modeling activity times by the Parkinson distribution with a lognormal core: Theory and validation. European Journal of Operational Research, 2012, 216, 386-396.	3.5	85
8	Solving sequencing problems in spreadsheets. International Journal of Planning and Scheduling, 2011, 1, 3.	0.1	9
9	Three heuristic procedures for the stochastic, two-machine flow shop problem. Journal of Scheduling, 2011, 14, 445-454.	1.3	25
10	Errors in Operational Spreadsheets. , 2011, , 236-247.		0
11	Solving the single-machine sequencing problem using integer programming. Computers and Industrial Engineering, 2010, 59, 730-735.	3.4	36
12	Errors in Operational Spreadsheets. Journal of Organizational and End User Computing, 2009, 21, 24-36.	1.6	37
13	An Optimal Contact Model for Maximizing Online Panel Response Rates. Management Science, 2009, 55, 727-737.	2.4	23
14	A comparison of spreadsheet users with different levels of experience. Omega, 2009, 37, 579-590.	3.6	29
15	Impact of errors in operational spreadsheets. Decision Support Systems, 2009, 47, 126-132.	3.5	35
16	Safe scheduling: Setting due dates in single-machine problems. European Journal of Operational Research, 2009, 196, 69-77.	3.5	27
17	Minimizing the number of tardy jobs with stochastically-ordered processing times. Journal of Scheduling, 2008, 11, 71-73.	1.3	19
18	An auditing protocol for spreadsheet models. Information and Management, 2008, 45, 312-320.	3.6	20

#	ARTICLE	IF	CITATIONS
19	A critical review of the literature on spreadsheet errors. Decision Support Systems, 2008, 46, 128-138.	3.5	106
20	Safe Scheduling. , 2007, , 79-101.		1
21	A Multiple-Criterion Model for Machine Scheduling. Journal of Scheduling, 2003, 6, 7-16.	1.3	303
22	Minimizing maximum lateness with job families. European Journal of Operational Research, 2000, 127, 126-139.	3.5	25
23	Heuristic procedures for scheduling job families with setups and due dates. Naval Research Logistics, 1999, 46, 978-991.	1.4	27
24	A predictive model for the throughput of simple assembly systems. European Journal of Operational Research, 1995, 81, 336-345.	3.5	20
25	Lot streaming in the two-machine flow shop with setup times. Annals of Operations Research, 1995, 57, 1-11.	2.6	49
26	Scheduling Groups of Jobs on a Single Machine. Operations Research, 1995, 43, 692-703.	1.2	330
27	A PREDICTIVE MODEL FOR THE THROUGHPUT OF UNBALANCED, UNBUFFERED THREE-STATION SERIAL LINES. IIE Transactions, 1994, 26, 62-71.	2.1	10
28	Chapter 11 Requirements planning. Handbooks in Operations Research and Management Science, 1993, 4, 571-627.	0.6	37
29	Basic Techniques for Lot Streaming. Operations Research, 1993, 41, 1065-1076.	1.2	156
30	Optimal Allocation of Work in Assembly Systems. Management Science, 1993, 39, 101-106.	2.4	35
31	Tightly-coupled production systems: Models, analysis, and insights. Journal of Manufacturing Systems, 1992, 11, 385-400.	7.6	10
32	Solution Procedures for the Lot-Streaming Problem. Decision Sciences, 1990, 21, 475-491.	3.2	75
33	Sequencing with Earliness and Tardiness Penalties: A Review. Operations Research, 1990, 38, 22-36.	1.2	872
34	Technical note The performance of push and pull systems: a corrected analysis. International Journal of Production Research, 1990, 28, 1731-1736.	4.9	17
35	Scheduling The Production Of Components At A Common Facility. IIE Transactions, 1988, 20, 32-35.	2.1	60
36	The Effect of Commonality on Safety Stock in a Simple Inventory Model. Management Science, 1986, 32, 982-988.	2.4	248

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37	The dynamics of hedging the master schedule. International Journal of Production Research, 1986, 24, 1475-1483.	4.9	19
38	Sequencing Rules and Due-Date Assignments in a Job Shop. Management Science, 1984, 30, 1093-1104.	2.4	435
39	The effects of input control in a simple scheduling model. Journal of Operations Management, 1984, 4, 99-112.	3.3	73
40	Improved decision rules in a combined system for minimizing job tardiness. International Journal of Production Research, 1984, 22, 917-921.	4.9	19
41	Job shop scheduling with modified due dates. Journal of Operations Management, 1983, 4, 11-22.	3.3	161
42	A dynamic priority rule for scheduling against due-dates. Journal of Operations Management, 1982, 3, 37-42.	3.3	180
43	An analysis of terminal conditions in rolling schedules. European Journal of Operational Research, 1981, 7, 355-361.	3.5	11
44	An investigation of due-date assignment rules with constrained tightness. Journal of Operations Management, 1981, 1, 109-120.	3.3	110
45	Sequencing independent jobs with a single resource. Naval Research Logistics Quarterly, 1980, 27, 499-510.	0.4	19
46	An Analytic Framework for Evaluating Rolling Schedules. Management Science, 1979, 25, 341-351.	2.4	101
47	Staff Scheduling with Day-Off and Workstretch Constraints. A I E Transactions, 1979, 11, 286-292.	0.3	30
48	Dynamic Programming Solution of Sequencing Problems with Precedence Constraints. Operations Research, 1978, 26, 444-449.	1.2	218
49	Computational Experience with a Sequencing Algorithm Adapted to the Tardiness Problem. A I E Transactions, 1977, 9, 32-35.	0.3	9
50	AN EXPERIMENTAL STUDY OF THE EFFECTIVENESS OF ROLLING SCHEDULES IN PRODUCTION PLANNING. Decision Sciences, 1977, 8, 19-27.	3.2	200
51	Workforce Allocation in Cyclical Scheduling Problems: A Survey. Journal of the Operational Research Society, 1976, 27, 155-167.	2.1	181
52	Sequencing with due-dates and early start times to minimize maximum tardiness. Naval Research Logistics Quarterly, 1974, 21, 171-176.	0.4	127
53	An experimental comparison of solution algorithms for the single-machine tardiness problem. Naval Research Logistics Quarterly, 1974, 21, 187-199.	0.4	52
54	Scheduling Full-Time and Part-Time Staff to Meet Cyclic Requirements. Journal of the Operational Research Society, 1974, 25, 65-76.	2.1	13

#	ARTICLE	IF	CITATIONS
55	Scheduling with parallel processors and linear delay costs. Naval Research Logistics Quarterly, 1973, 20, 793-804.	0.4	38