

John W Fowler

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5799866/john-w-fowler-publications-by-year.pdf>

Version: 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173 papers	4,325 citations	37 h-index	58 g-index
187 ext. papers	5,072 ext. citations	3.9 avg, IF	5.64 L-index

#	Paper	IF	Citations
173	A survey of scheduling with parallel batch (p-batch) processing. <i>European Journal of Operational Research</i> , 2021 ,	5.6	11
172	Decision Assessment Algorithms for Location and Capacity Optimization under Resource Shortages. <i>Decision Sciences</i> , 2021 , 52, 142-181	3.7	4
171	Bi-criteria parallel batch machine scheduling to minimize total weighted tardiness and electricity cost. <i>Journal of Business Economics</i> , 2020 , 90, 1345-1381	2.3	7
170	Queuing approximations for capacity planning under common setup rules. <i>IIE Transactions</i> , 2020 , 1-19	3.3	1
169	Guest Editorial Special Section Papers From the 2019 MASM/WSC Conference. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2020 , 33, 493-495	2.6	
168	How simulation modelling can help reduce the impact of COVID-19. <i>Journal of Simulation</i> , 2020 , 14, 83-97.	3.9	134
167	Locating Alternative Fuel Stations for Maximizing Coverage and Ensuring Sufficient Spacing: a Case Study of CNG Truck Fueling. <i>Process Integration and Optimization for Sustainability</i> , 2019 , 3, 455-470	2	3
166	Design for customer responsiveness: Decision support system for push/pull supply chains with multiple demand fulfillment points. <i>Decision Support Systems</i> , 2019 , 123, 113071	5.6	6
165	A survey of semiconductor supply chain models Part II: demand planning, inventory management, and capacity planning. <i>International Journal of Production Research</i> , 2018 , 56, 4546-4564	7.8	24
164	A hybrid scheduling approach for a two-stage flexible flow shop with batch processing machines. <i>Journal of Scheduling</i> , 2018 , 21, 209-226	1.6	20
163	A survey of semiconductor supply chain models part I: semiconductor supply chains, strategic network design, and supply chain simulation. <i>International Journal of Production Research</i> , 2018 , 56, 4524-4545	7.8	40
162	A survey of semiconductor supply chain models part III: master planning, production planning, and demand fulfillment. <i>International Journal of Production Research</i> , 2018 , 56, 4565-4584	7.8	29
161	ELECTRICITY POWER COST-AWARE SCHEDULING OF JOBS ON PARALLEL BATCH PROCESSING MACHINES 2018 ,		3
160	Collaborative Geodesign for Alternative-Fuel Station Location using Collaborative Software. <i>Transportation Research Record</i> , 2018 , 2672, 98-108	1.7	6
159	Modelling and analysis of semiconductor supply chains. <i>International Journal of Production Research</i> , 2018 , 56, 4521-4523	7.8	3
158	Extending the boundaries between scheduling and dispatching: hedging and rescheduling techniques. <i>International Journal of Production Research</i> , 2017 , 55, 3294-3307	7.8	6
157	A Testbed for Simulating Semiconductor Supply Chains. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2017 , 30, 293-305	2.6	15

156	Improving the process efficiency of catheterization laboratories using simulation. <i>Health Systems</i> , 2017 , 6, 41-55	2.3	0
155	Constraint Programming Approach for Scheduling Jobs With Release Times, Non-Identical Sizes, and Incompatible Families on Parallel Batching Machines. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2017 , 30, 500-507	2.6	20
154	Modeling and Analysis of Semiconductor Manufacturing. <i>Simulation Foundations, Methods and Applications</i> , 2017 , 301-313	0.6	3
153	. <i>Journal of Systems Engineering and Electronics</i> , 2016 , 27, 422-433	1.3	5
152	Dynamic co-ordinated scheduling in the supply chain considering flexible routes. <i>International Journal of Production Research</i> , 2016 , 54, 322-335	7.8	9
151	Cross-Training with Imperfect Training Schemes. <i>Production and Operations Management</i> , 2016 , 25, 1216-1231	3.1	4
150	Simulation: The past 10 years and the next 10 years 2016 ,		1
149	Stochastic optimization of product-machine qualification in a semiconductor back-end facility. <i>IIE Transactions</i> , 2015 , 47, 739-750		7
148	Point-of-Dispensing Location and Capacity Optimization via a Decision Support System. <i>Production and Operations Management</i> , 2015 , 24, 1311-1328	3.6	23
147	A Decision-Making Framework for Project Portfolio Planning at Intel Corporation. <i>Interfaces</i> , 2015 , 45, 391-408	0.7	8
146	Multi-mode resource-constrained project scheduling problems with non-preemptive activity splitting. <i>Computers and Operations Research</i> , 2015 , 53, 275-287	4.6	51
145	Simulation-based experimental design and statistical modeling for lead time quotation. <i>Journal of Manufacturing Systems</i> , 2015 , 37, 362-374	9.1	17
144	Impact of Number of Interactions, Different Interaction Patterns, and Human Inconsistencies on Some Hybrid Evolutionary Multiobjective Optimization Algorithms*. <i>Decision Sciences</i> , 2015 , 46, 981-1006	3.7	13
143	A Progressive Hedging Approach for Surgery Planning Under Uncertainty. <i>INFORMS Journal on Computing</i> , 2015 , 27, 755-772	2.4	34
142	Single machine scheduling with interfering job sets. <i>Computers and Operations Research</i> , 2014 , 45, 97-107	1.6	9
141	Optimal control policies for ambulance diversion. <i>European Journal of Operational Research</i> , 2014 , 236, 298-312	5.6	25
140	Multiple data sources fusion for enterprise quality improvement by a multilevel latent response model. <i>IIE Transactions</i> , 2014 , 46, 512-525		2
139	Scheduling parallel machines with single vehicle delivery. <i>Journal of Heuristics</i> , 2014 , 20, 511-537	1.9	13

138	Processing time generation schemes for parallel machine scheduling problems with various correlation structures. <i>Journal of Scheduling</i> , 2014 , 17, 569-586	1.6	4
137	Optimizing service times for a public health emergency using a genetic algorithm: Locating dispensing sites and allocating medical staff. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2014 , 4, 178-190		7
136	Capacity Planning and Allocation for Web-Based Applications. <i>Decision Sciences</i> , 2014 , 45, 535-567	3.7	4
135	Decomposition heuristic for a two-machine flow shop with batch processing 2014 ,		3
134	Simplification of DES models of M/M/1 tandem queues by approximating WIP-dependent inter-departure times. <i>Simulation</i> , 2014 , 90, 1188-1196	1.2	0
133	State of the Practice and Future Needs for Production Planning and Control Systems. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 247-266	0.3	
132	Multiple-objective heuristics for scheduling unrelated parallel machines. <i>European Journal of Operational Research</i> , 2013 , 227, 239-253	5.6	28
131	Simulation modeling for pandemic decision making: A case study with bi-criteria analysis on school closures. <i>Decision Support Systems</i> , 2013 , 55, 564-575	5.6	20
130	Deterministic Scheduling Approaches. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 105-175	0.3	
129	Semiconductor Manufacturing Process Description. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 11-28	0.3	2
128	Batch scheduling on parallel machines with dynamic job arrivals and incompatible job families. <i>International Journal of Production Research</i> , 2013 , 51, 2462-2477	7.8	24
127	Dispatching Approaches. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 65-104	0.3	1
126	Production Planning Approaches. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 207-246	0.3	2
125	Modeling and Analysis Tools. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 29-64	0.3	0
124	Order Release Approaches. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 , 177-205	0.3	
123	Production Planning and Control for Semiconductor Wafer Fabrication Facilities. <i>Operations Research/ Computer Science Interfaces Series</i> , 2013 ,	0.3	86
122	Robust demand service achievement for the co-production newsvendor. <i>IIE Transactions</i> , 2012 , 44, 327-341		15
121	A new method of exercising pandemic preparedness through an interactive simulation and visualization. <i>Journal of Medical Systems</i> , 2012 , 36, 1475-83	5.1	19

120	2012,			4
119	Improving the pushpull strategy in a serial supply chain by a hybrid pushpull control with multiple pulling points. <i>International Journal of Production Research</i> , 2012 , 50, 5651-5668	7.8		16
118	Deploying LSS in a global enterprise [p]roject identification. <i>International Journal of Lean Six Sigma</i> , 2012 , 3, 187-205	4.6		41
117	A control chart based approach to monitoring supply network dynamics using Kalman filtering. <i>International Journal of Production Research</i> , 2012 , 50, 3137-3151	7.8		5
116	Bi-Criteria Scheduling of Surgical Services for an Outpatient Procedure Center. <i>Production and Operations Management</i> , 2011 , 20, 406-417	3.6		97
115	Modelling and analysis of semiconductor manufacturing in a shrinking world: challenges and successes. <i>European Journal of Industrial Engineering</i> , 2011 , 5, 254	1.1		54
114	Batch Production Scheduling for Semiconductor Back-End Operations. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2011 , 24, 249-260	2.6		11
113	Supply network capacity planning for semiconductor manufacturing with uncertain demand and correlation in demand considerations. <i>International Journal of Production Economics</i> , 2011 , 134, 322-332	9.3		30
112	A survey of problems, solution techniques, and future challenges in scheduling semiconductor manufacturing operations. <i>Journal of Scheduling</i> , 2011 , 14, 583-599	1.6		224
111	Policies for allocating product lots to customer orders in semiconductor manufacturing supply chains. <i>Production Planning and Control</i> , 2011 , 22, 69-80	4.3		10
110	An introduction to a new journal for Healthcare Systems Engineering. <i>IIE Transactions on Healthcare Systems Engineering</i> , 2011 , 1, 1-5			3
109	2011,			14
108	Capacity planning through queueing analysis and simulation-based statistical methods: a case study for semiconductor wafer fabs. <i>International Journal of Production Research</i> , 2011 , 49, 4573-4591	7.8		13
107	Heuristics for minimizing regular performance measures in unrelated parallel machine scheduling problems. <i>Computers and Operations Research</i> , 2011 , 38, 901-916	4.6		75
106	Simulation in Production Planning: An Overview with Emphasis on Recent Developments in Cycle Time Estimation. <i>Profiles in Operations Research</i> , 2011 , 565-591	1		12
105	Quantitative Comparison of Approximate Solution Sets for Multicriteria Optimization Problems with Weighted Tchebycheff Preference Function. <i>Operations Research</i> , 2010 , 58, 650-659	2.3		17
104	Bi-criteria analysis of ambulance diversion policies 2010,			5
103	A clustering algorithm for supplier base management. <i>International Journal of Production Research</i> , 2010 , 48, 3803-3821	7.8		21

102	Machine qualification management for a semiconductor back-end facility 2010 ,		8
101	Bootstrapping-based fixed-width confidence intervals for ranking and selection 2010 ,		3
100	Robust scaling parameters for composite dispatching rules. <i>IIE Transactions</i> , 2010 , 42, 842-853		16
99	Combinatorics on partial word correlations. <i>Journal of Combinatorial Theory - Series A</i> , 2010 , 117, 607-624		3
98	Interactive evolutionary multi-objective optimization for quasi-concave preference functions. <i>European Journal of Operational Research</i> , 2010 , 206, 417-425	5.6	49
97	Semiconductor lot allocation using robust optimization. <i>European Journal of Operational Research</i> , 2010 , 205, 557-570	5.6	15
96	Analysis of ambulance diversion policies for a large-size hospital 2009 ,		9
95	Integer programming-based real-time scheduler in semiconductor manufacturing 2009 ,		5
94	2009 ,		7
93	Crossdocking Just in Time scheduling: an alternative solution approach. <i>Journal of the Operational Research Society</i> , 2009 , 60, 554-564	2	37
92	Mixed integer programming formulations for single machine scheduling problems. <i>Computers and Industrial Engineering</i> , 2009 , 56, 357-367	6.4	82
91	Scheduling interfering job sets on parallel machines. <i>European Journal of Operational Research</i> , 2009 , 199, 55-67	5.6	41
90	Indirect cycle time quantile estimation using the Cornish-Bisher expansion. <i>IIE Transactions</i> , 2009 , 42, 31-44		19
89	Petri Net Translation Patterns for the Analysis of eBusiness Collaboration Messaging Protocols. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2009 , 39, 1022-1034		13
88	Modeling and analysis of semiconductor manufacturing in a shrinking world: Challenges and successes 2008 ,		7
87	Determining an appropriate number of FOUPs in semiconductor wafer fabrication facilities 2008 ,		3
86	Evaluation of heuristics for a class-constrained lot-to-order matching problem in semiconductor manufacturing. <i>International Journal of Production Research</i> , 2008 , 46, 3143-3166	7.8	10
85	. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2008 , 21, 600-613	2.6	30

84	Comparing designs for computer simulation experiments 2008 ,		9
83	2008 ,		4
82	Framework for execution level capacity allocation decisions for Assembly - Test facilities using integrated optimization - simulation models 2008 ,		3
81	A multi-criteria approach for scheduling semiconductor wafer fabrication facilities. <i>Journal of Scheduling</i> , 2008 , 11, 29-47	1.6	43
80	Scheduling of Wet Etch and Furnace Operations with Next Arrival Control Heuristic. <i>International Journal of Advanced Manufacturing Technology</i> , 2008 , 38, 1006-1017	3.2	16
79	Heuristics for workforce planning with worker differences. <i>European Journal of Operational Research</i> , 2008 , 190, 724-740	5.6	62
78	Scheduling jobs on parallel machines with setup times and ready times. <i>Computers and Industrial Engineering</i> , 2008 , 54, 764-782	6.4	75
77	2007 ,		9
76	Balanced Machine Workload Dispatching Scheme for Wafer Fab 2007 ,		4
75	Modelling inherent worker differences for workforce planning. <i>International Journal of Production Research</i> , 2007 , 45, 525-553	7.8	55
74	Impact of permutation enforcement when minimizing total weighted tardiness in dynamic flowshops with uncertain processing times. <i>Computers and Operations Research</i> , 2007 , 34, 3055-3068	4.6	22
73	Genetic algorithm-based subproblem solution procedures for a modified shifting bottleneck heuristic for complex job shops. <i>European Journal of Operational Research</i> , 2007 , 177, 2100-2118	5.6	71
72	A framework for evaluating remote diagnostics investment decisions for semiconductor equipment suppliers. <i>European Journal of Operational Research</i> , 2007 , 180, 1411-1426	5.6	12
71	Minimizing makespan with multiple-orders-per-job in a two-machine flowshop. <i>European Journal of Operational Research</i> , 2007 , 182, 63-79	5.6	24
70	A partition experimental design for a sequential process with a large number of variables. <i>Quality and Reliability Engineering International</i> , 2007 , 23, 555-564	2.6	2
69	Bi-criteria evaluation of an outpatient procedure center via simulation 2007 ,		12
68	Using quantiles in ranking and selection procedures 2007 ,		9
67	A compact abstraction of manufacturing nodes in a supply network. <i>International Journal of Simulation and Process Modelling</i> , 2007 , 3, 115	0.4	18

66	Editorial e-Manufacturing in the Semiconductor Industry. <i>IEEE Transactions on Automation Science and Engineering</i> , 2007 , 4, 485-487	4.9	6
65	Decision Paradigms in the Semiconductor Supply Chain: A Survey and Analysis 2007 ,		3
64	Operational planning and control of semiconductor wafer production. <i>Production Planning and Control</i> , 2006 , 17, 639-647	4.3	48
63	An Adaptive Distributed Simulation Framework for a Server Fulfillment Supply Chain 2006 ,		3
62	Enterprise-wide semiconductor manufacturing resource planning. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2006 , 19, 259-268	2.6	24
61	Indirect Cycle-Time Quantile Estimation for Non-Fifo Dispatching Policies 2006 ,		2
60	The development of the complete X-factor contribution measurement for improving cycle time and cycle time variability. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2006 , 19, 352-362	2.6	17
59	Development and analysis of a customer-demand-driven semiconductor supply chain model using the High Level Architecture. <i>International Journal of Simulation and Process Modelling</i> , 2006 , 2, 210	0.4	13
58	Cost-constrained G-efficient Response Surface Designs for Cuboidal Regions. <i>Quality and Reliability Engineering International</i> , 2006 , 22, 121-139	2.6	18
57	Evaluation of nondominated solution sets for k-objective optimization problems: An exact method and approximations. <i>European Journal of Operational Research</i> , 2006 , 173, 565-582	5.6	8
56	Scheduling and Simulation 2006 , 109-133		6
55	Semiconductor Manufacturing Scheduling and Dispatching 2006 , 213-241		30
54	A three-phase simulation methodology for generating accurate and precise cycle time throughput curves. <i>International Journal of Simulation and Process Modelling</i> , 2005 , 1, 35	0.4	
53	Availability-adjusted X-factor. <i>International Journal of Production Research</i> , 2005 , 43, 3933-3953	7.8	8
52	Evaluating the impacts of reticle requirements in semiconductor wafer fabrication. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2005 , 18, 622-632	2.6	19
51	A note on determining an optimal target by considering the dependence of holding costs and the quality characteristics. <i>Journal of Applied Statistics</i> , 2005 , 32, 813-822	1	2
50	Heuristics for minimizing total weighted tardiness in complex job shops. <i>International Journal of Production Research</i> , 2005 , 43, 1943-1963	7.8	37
49	Heuristic scheduling of jobs on parallel batch machines with incompatible job families and unequal ready times. <i>Computers and Operations Research</i> , 2005 , 32, 2731-2750	4.6	144

48	Evaluating solution sets of a posteriori solution techniques for bi-criteria combinatorial optimization problems. <i>Journal of Scheduling</i> , 2005 , 8, 75-96	1.6	6
47	Minimizing total weighted tardiness on a single batch process machine with incompatible job families. <i>Computers and Operations Research</i> , 2005 , 32, 327-341	4.6	72
46	Grand Challenges in Modeling and Simulation of Complex Manufacturing Systems. <i>Simulation</i> , 2004 , 80, 469-476	1.2	141
45	A SURVEY OF ALGORITHMS FOR SINGLE AND MULTI-OBJECTIVE UNRELATED PARALLEL-MACHINE DETERMINISTIC SCHEDULING PROBLEMS. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2004 , 21, 230-241		53
44	A hybrid approach for modelling and analysis of an integrated machine. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2004 , 218, 1577-1590	2.4	1
43	Genetic algorithm based scheduling of parallel batch machines with incompatible job families to minimize total weighted tardiness. <i>International Journal of Production Research</i> , 2004 , 42, 1621-1638	7.8	122
42	A hybrid approach using the analytic hierarchy process and integer programming to screen weapon systems projects. <i>IEEE Transactions on Engineering Management</i> , 2003 , 50, 192-203	2.6	41
41	A multi-population genetic algorithm to solve multi-objective scheduling problems for parallel machines. <i>Computers and Operations Research</i> , 2003 , 30, 1087-1102	4.6	160
40	Quantitative Comparison of Approximate Solution Sets for Bi-criteria Optimization Problems*. <i>Decision Sciences</i> , 2003 , 34, 63-82	3.7	29
39	A new scheduling approach using combined dispatching criteria in wafer fabs. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2003 , 16, 501-510	2.6	107
38	Multiple response optimization using mixture-designed experiments and desirability functions in semiconductor scheduling. <i>International Journal of Production Research</i> , 2003 , 41, 939-961	7.8	39
37	A modified shifting bottleneck heuristic for minimizing total weighted tardiness in complex job shops. <i>Journal of Scheduling</i> , 2002 , 5, 247-262	1.6	132
36	Determining operating criterion of batch processing operations for wafer fabrication. <i>Journal of Manufacturing Systems</i> , 2002 , 21, 363-379	9.1	5
35	Partition experimental designs for sequential processes: Part II—Second-order models. <i>Quality and Reliability Engineering International</i> , 2002 , 18, 373-382	2.6	4
34	Scheduling of unrelated parallel machines: an application to PWB manufacturing. <i>IIE Transactions</i> , 2002 , 34, 921-931		12
33	THE IMPACTS OF VARIABILITY ON SCHEDULING APPROACHES FOR A PRINTED WIRING BOARD ASSEMBLY OPERATION. <i>Journal of Electronics Manufacturing</i> , 2002 , 11, 19-31		3
32	A Sequential Stopping Rule for a Steady-State Simulation Based on Time-Series Forecasting. <i>Simulation</i> , 2002 , 78, 643-654	1.2	3
31	Optimal batching in a wafer fabrication facility using a multiproduct G/G/c model with batch processing. <i>International Journal of Production Research</i> , 2002 , 40, 275-292	7.8	33

30	THE INCLUSION OF FUTURE ARRIVALS AND DOWNSTREAM SETUPS INTO WAFER FABRICATION BATCH PROCESSING DECISIONS. <i>Journal of Electronics Manufacturing</i> , 2002 , 11, 149-159		25
29	D-Optimal Sequential Experiments for Generating a Simulation-Based Cycle Time-Throughput Curve. <i>Operations Research</i> , 2002 , 50, 981-990	2.3	49
28	Workload control in the semiconductor industry. <i>Production Planning and Control</i> , 2002 , 13, 568-578	4.3	60
27	Scheduling of unrelated parallel machines: an application to PWB manufacturing. <i>IIE Transactions</i> , 2002 , 34, 921-931		44
26	Multivariate statistical methods for modeling and analysis of wafer probe test data. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2002 , 15, 523-530	2.6	37
25	Bin covering algorithms in the second stage of the lot to order matching problem. <i>Journal of the Operational Research Society</i> , 2001 , 52, 1232-1243	2	15
24	A combined dispatching criteria approach to scheduling semiconductor manufacturing systems. <i>Computers and Industrial Engineering</i> , 2001 , 39, 307-324	6.4	53
23	Partition experimental designs for sequential processes: Part I First-order models. <i>Quality and Reliability Engineering International</i> , 2001 , 17, 429-438	2.6	7
22	Efficient cycle time-throughput curve generation using a fixed sample size procedure. <i>International Journal of Production Research</i> , 2001 , 39, 2595-2613	7.8	31
21	A New Technique to Compare Algorithms for Bi-criteria Combinatorial Optimization Problems. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2001 , 113-123	0.4	6
20	Comparison of Multiple Objective Genetic Algorithms for Parallel Machine Scheduling Problems. <i>Lecture Notes in Computer Science</i> , 2001 , 472-485	0.9	5
19	Control of multiproduct bulk server diffusion/oxidation processes. Part 2: multiple servers. <i>IIE Transactions</i> , 2000 , 32, 167-176		43
18	Determining the optimal target for a process with multiple markets and variable holding costs. <i>International Journal of Production Economics</i> , 2000 , 65, 229-242	9.3	32
17	Control of multiproduct bulk server diffusion/oxidation processes. Part 2: multiple servers. <i>IIE Transactions</i> , 2000 , 32, 167-176		10
16	Encyclopedia of Production and Manufacturing Management 2000 , 687-697		4
15	A genetic algorithm approach to manage ion implantation processes in wafer fabrication. <i>International Journal of Manufacturing Technology and Management</i> , 2000 , 1, 156	0.4	7
14	Comparison and evaluation of lot-to-order matching policies for a semiconductor assembly and test facility. <i>International Journal of Production Research</i> , 2000 , 38, 1841-1853	7.8	21
13	Lot-to-order matching for a semiconductor assembly and test facility. <i>IIE Transactions</i> , 1999 , 31, 1103-1111		2

12	A group-technology-coded literature review of semiconductor manufacturing operations publications: the MASMLAB bibliography web site. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 1999 , 12, 259-263	2.6	3
11	Lot-to-order matching for a semiconductor assembly and test facility. <i>IIE Transactions</i> , 1999 , 31, 1103-1111		23
10	Run-to-run control charts with contrasts. <i>Quality and Reliability Engineering International</i> , 1998 , 14, 261-270		7
9	Experiments in reactive constraint logic programming. <i>The Journal of Logic Programming</i> , 1998 , 37, 185-212		7
8	A comparison study of the logic of four wafer fabrication simulators 1996 ,		3
7	The implementation and evaluation of a hypertext system for teaching employment-related language to hearing-impaired school leavers. <i>Journal of Microcomputer Applications</i> , 1995 , 18, 319-325		
6	The use of upstream and downstream information in scheduling semiconductor batch operations. <i>International Journal of Production Research</i> , 1995 , 33, 1849-1869	7.8	76
5	Planning and scheduling in Japanese semiconductor manufacturing. <i>Journal of Manufacturing Systems</i> , 1994 , 13, 323-332	9.1	34
4	. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 1992 , 5, 158-163	2.6	84
3	CONTROL OF MULTIPRODUCT BULK SERVICE DIFFUSION/OXIDATION PROCESSES. <i>IIE Transactions</i> , 1992 , 24, 84-96		41
2	RESEARCH DIRECTIONS IN ELECTRONICS MANUFACTURING. <i>IIE Transactions</i> , 1992 , 24, 6-17		12
1	A generalized decision support framework for large-scale project portfolio decisions. <i>Decision Sciences</i> ,	3.7	1