

# Moshe Kaspi

## List of Publications by Year in descending order

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37  
papers

1,062  
citations

471477

17  
h-index

434170

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

493  
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey on offline scheduling with rejection. <i>Journal of Scheduling</i> , 2013, 16, 3-28.	1.9	202
2	Optimal flow path design of unidirectional AGV systems. <i>International Journal of Production Research</i> , 1990, 28, 1023-1030.	7.5	124
3	On the economic ordering quantity for jointly replenished items. <i>International Journal of Production Research</i> , 1991, 29, 107-114.	7.5	107
4	An Improvement of Silver's Algorithm for the Joint Replenishment Problem. <i>IIE Transactions</i> , 1983, 15, 264-267.	2.1	91
5	Minimizing the total weighted flow time in a single machine with controllable processing times. <i>Computers and Operations Research</i> , 2004, 31, 2279-2289.	4.0	71
6	Parallel machine scheduling with a convex resource consumption function. <i>European Journal of Operational Research</i> , 2006, 173, 92-107.	5.7	50
7	Optimal solution for the flow path design problem of a balanced unidirectional AGV system. <i>International Journal of Production Research</i> , 2002, 40, 389-401.	7.5	39
8	Convex resource allocation for minimizing the makespan in a single machine with job release dates. <i>Computers and Operations Research</i> , 2004, 31, 1481-1489.	4.0	32
9	The effectiveness of heuristic algorithms for multi-item inventory systems with joint replenishment costs. <i>International Journal of Production Research</i> , 1985, 23, 109-116.	7.5	31
10	Location and sequencing of imperfect inspection operations in serial multi-stage production systems. <i>International Journal of Production Research</i> , 1991, 29, 1645-1659.	7.5	31
11	A bicriterion approach to time/cost trade-offs in scheduling with convex resource-dependent job processing times and release dates. <i>Computers and Operations Research</i> , 2006, 33, 3015-3033.	4.0	31
12	Setting expediting repair policy in a multi-echelon repairable-item inventory system with limited repair capacity. <i>Journal of the Operational Research Society</i> , 2001, 52, 198-209.	3.4	30
13	Optimization of the machining economics problem for a multistage transfer machine under failure, opportunistic and integrated replacement strategies. <i>International Journal of Production Research</i> , 2003, 41, 2229-2247.	7.5	28
14	The no-wait two-machine flow shop scheduling problem with convex resource-dependent processing times. <i>IIE Transactions</i> , 2007, 39, 539-557.	2.1	27
15	A bicriteria approach to maximize the weighted number of just-in-time jobs and to minimize the total resource consumption cost in a two-machine flow-shop scheduling system. <i>International Journal of Production Economics</i> , 2012, 136, 67-74.	8.9	24
16	A bicriteria approach to minimize maximal lateness and resource consumption for scheduling a single machine. <i>Journal of Scheduling</i> , 2007, 10, 341-352.	1.9	21
17	Noteâ€”A Dynamic Programming Algorithm for Joint Replenishment Under General Order Cost Functions. <i>Management Science</i> , 1985, 31, 369-373.	4.1	20
18	Single-machine two-agent scheduling involving a just-in-time criterion. <i>International Journal of Production Research</i> , 2015, 53, 2590-2604.	7.5	14

#	ARTICLE	IF	CITATIONS
19	Optimization of the machining economics problem under the failure replacement strategy. International Journal of Production Economics, 2002, 80, 213-230.	8.9	13
20	Minimizing the makespan in open-shop scheduling problems with a convex resource consumption function. Naval Research Logistics, 2006, 53, 204-216.	2.2	12
21	A bicriteria approach to minimize number of tardy jobs and resource consumption in scheduling a single machine. International Journal of Production Economics, 2009, 119, 298-307.	8.9	11
22	Optimization of the machining economics problem under the periodic control strategy. International Journal of Production Research, 2001, 39, 3889-3900.	7.5	9
23	Centralized decision of internal transfer-prices with congestion externalities for two modes of repair with limited repair capacity. Journal of the Operational Research Society, 2007, 58, 1178-1184.	3.4	8
24	Complexity analysis of an assignment problem with controllable assignment costs and its applications in scheduling. Discrete Applied Mathematics, 2011, 159, 1264-1278.	0.9	8
25	Optimal operation policy for a sustainable recirculation aquaculture system for ornamental fish: Simulation and response surface methodology. Computers and Operations Research, 2018, 89, 230-240.	4.0	6
26	Maximizing the profit per unit time for the travelling salesman problem. Computers and Industrial Engineering, 2019, 135, 702-710.	6.3	6
27	The efficiency range of economical cutting conditions and tool replacement under the age replacement strategy. International Journal of Production Research, 2003, 41, 2563-2580.	7.5	5
28	Parameterized complexity of critical node cuts. Theoretical Computer Science, 2016, 651, 62-75.	0.9	5
29	Maximizing the profit per unit of time for the TSP with convex resource-dependent travelling times. Journal of the Operational Research Society, 2017, 68, 1177-1182.	3.4	2
30	Minimizing the average searching time for an object within a graph. Computational Optimization and Applications, 2019, 74, 517-545.	1.6	2
31	COMPUTATIONAL AND NONCOMPUTATIONAL SYSTEMS IN BRAIN AND COGNITION: CAN ONE MASK THE OTHER?. International Journal of Neuroscience, 2007, 117, 681-710.	1.6	1
32	Determination of Economic Packaging Set-up Frequency of Jointly Replenished Items. Journal of the Operational Research Society, 1991, 42, 165-168.	3.4	0
33	Determination of Economic Packaging Set-Up Frequency of Jointly Replenished Items. Journal of the Operational Research Society, 1991, 42, 165.	3.4	0
34	An investigation of a simple logistic model. International Journal of Production Economics, 1993, 29, 259-269.	8.9	0
35	Mapping the organization a methodological approach to organizational change initiation. Production Planning and Control, 1997, 8, 633-644.	8.8	0
36	The efficiency range of economical cutting conditions for a multistage transfer machine under a failure replacement strategy. International Journal of Advanced Manufacturing Technology, 2007, 34, 448-456.	3.0	0

#	ARTICLE	IF	CITATIONS
37	MINIMIZING THE SUM OF COMPLETION TIMES WITH RESOURCE DEPENDANT TIMES. AIP Conference Proceedings, 2008, , .	0.4	0