

# Yavuz A Bozer

## List of Publications by Year in descending order

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32  
papers

1,675  
citations

393982

19  
h-index

454577

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Travel-Time Models for Automated Storage/Retrieval Systems. IIE Transactions, 1984, 16, 329-338.	2.1	386
2	An Improvement-Type Layout Algorithm for Single and Multiple-Floor Facilities. Management Science, 1994, 40, 918-932.	2.4	158
3	Tandem Configurations for Automated Guided Vehicle Systems and the Analysis of Single Vehicle Loops. IIE Transactions, 1991, 23, 72-82.	2.1	154
4	Kitting versus line stocking: A conceptual framework and a descriptive model. International Journal of Production Economics, 1992, 28, 1-19.	5.1	146
5	Design and Performance Models for End-of-Aisle Order Picking Systems. Management Science, 1990, 36, 852-866.	2.4	101
6	Tandem AGV systems: A partitioning algorithm and performance comparison with conventional AGV systems. European Journal of Operational Research, 1992, 63, 173-191.	3.5	89
7	Optimizing inbound and outbound door assignments in less-than-truckload crossdocks. IIE Transactions, 2008, 40, 1007-1018.	2.1	83
8	TRIP-BASED MATERIAL HANDLING SYSTEMS: THROUGHPUT CAPACITY ANALYSIS. IIE Transactions, 1994, 26, 70-89.	2.1	60
9	A reexamination of the distance-based facility layout problem. IIE Transactions, 1997, 29, 549-560.	2.1	54
10	A simulation-based comparison of two goods-to-person order picking systems in an online retail setting. International Journal of Production Research, 2018, 56, 3838-3858.	4.9	54
11	Geometric Approaches to Solve the Chebyshev Traveling Salesman Problem. IIE Transactions, 1990, 22, 238-254.	2.1	48
12	Alternative approaches to solve the multi-floor facility layout problem. Journal of Manufacturing Systems, 1997, 16, 192-203.	7.6	45
13	A generalized design and performance analysis model for end-of-aisle order-picking systems. IIE Transactions, 1996, 28, 271-280.	2.1	44
14	Throughput performance of automated storage/retrieval systems under stochastic demand. IIE Transactions, 2005, 37, 367-378.	2.1	43
15	Intelligent dispatching rules for trip-based material handling systems. Journal of Manufacturing Systems, 1996, 15, 226-239.	7.6	39
16	Throughput performance analysis and machine layout for discrete-space closed-loop conveyors. IIE Transactions, 2005, 37, 77-89.	2.1	33
17	Performance evaluation of small-batch container delivery systems used in lean manufacturing – Part 1: system stability and distribution of container starts. International Journal of Production Research, 2013, 51, 555-567.	4.9	30
18	A branch and bound method for solving the bidirectional circular layout problem. Applied Mathematical Modelling, 1996, 20, 342-351.	2.2	22

#	ARTICLE	IF	CITATIONS
19	Performance evaluation of small-batch container delivery systems used in lean manufacturing â€œ Part 2: number of Kanban and workstation starvation. International Journal of Production Research, 2013, 51, 568-581.	4.9	21
20	A reexamination of the distance-based facility layout problem. IIE Transactions, 1997, 29, 549-560.	2.1	11
21	Expected distances and alternative design configurations for automated guided vehicle-based order picking systems. International Journal of Production Research, 2022, 60, 1298-1315.	4.9	10
22	Determining transfer batch sizes in trip-based material handling systems. Flexible Services and Manufacturing Journal, 1996, 8, 313.	0.4	9
23	Which one is responsible for WIP: the workstations or the material handling system?. International Journal of Production Research, 1992, 30, 1369-1399.	4.9	7
24	Expected move request waiting times in single-device, polling-based material handling systems. IIE Transactions, 2001, 33, 55-63.	2.1	6
25	Using existing workstations as transfer stations in tandem AGV systems. Journal of Manufacturing Systems, 2004, 23, 229-241.	7.6	6
26	Retrieval Strategies for Multi-tier Automated Carousel Conveyors with Multiple Robots. Simulation, 2010, 86, 395-404.	1.1	5
27	Analysis of optimum shape and door assignment problems in rectangular unit-load crossdocks. International Journal of Logistics Research and Applications, 2011, 14, 149-163.	5.6	4
28	Throughput analysis of multi-device trip-based material handling systems operating under the modified-FCFS dispatching rule. International Journal of Production Research, 2018, 56, 1486-1503.	4.9	3
29	Expected move request waiting times in single-device, polling-based material handling systems. IIE Transactions, 2001, 33, 55-63.	2.1	1
30	A graph-pair representation and MIP model based heuristic for the unequal-area facility layout problem. , 2010, , .		0
31	Analysis of patient-mover dispatching and equipment-marshalling areas: a simulation study at the University of Michigan Hospital. Health Systems, 2020, 9, 226-252.	0.9	0
32	Material Handling and Warehousing. , 0, , 955-974.		0