Kees Jan Roodbergen

List of Publications by Year
in descending order

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35 papers	4,069 citations	257357 24 h-index	395590 33 g-index
35 all docs	35 docs citations	35 times ranked	2056 citing authors

#	Article	IF	Citations
1	Design and control of warehouse order picking: A literature review. European Journal of Operational Research, 2007, 182, 481-501.	3.5	1,323
2	A survey of literature on automated storage and retrieval systems. European Journal of Operational Research, 2009, 194, 343-362.	3.5	467
3	Storage yard operations in container terminals: Literature overview, trends, and research directions. European Journal of Operational Research, 2014, 235, 412-430.	3.5	283
4	Routing methods for warehouses with multiple cross aisles. International Journal of Production Research, 2001, 39, 1865-1883.	4.9	265
5	Routing order pickers in a warehouse with a middle aisle. European Journal of Operational Research, 2001, 133, 32-43.	3.5	234
6	Transport operations in container terminals: Literature overview, trends, research directions and classification scheme. European Journal of Operational Research, 2014, 236, 1-13.	3.5	232
7	Seaside operations in container terminals: literature overview, trends, and research directions. Flexible Services and Manufacturing Journal, 2015, 27, 224-262.	1.9	135
8	A model for warehouse layout. IIE Transactions, 2006, 38, 799-811.	2.1	114
9	Designing the layout structure of manual order picking areas in warehouses. IIE Transactions, 2008, 40, 1032-1045.	2.1	87
10	The two-echelon vehicle routing problem with covering options: City logistics with cargo bikes and parcel lockers. Computers and Operations Research, 2020, 118, 104919.	2.4	77
11	Simultaneous determination of warehouse layout and control policies. International Journal of Production Research, 2015, 53, 3306-3326.	4.9	72
12	Improving Order-Picking Response Time at Ankor's Warehouse. Interfaces, 2004, 34, 303-313.	1.6	64
13	Positioning of goods in a cross-docking environment. Computers and Industrial Engineering, 2008, 54, 677-689.	3.4	60
14	Exact route-length formulas and a storage location assignment heuristic for picker-to-parts warehouses. Transportation Research, Part E: Logistics and Transportation Review, 2017, 102, 38-59.	3.7	59
15	Determination of the number of automated guided vehicles required at a semi-automated container terminal. Journal of the Operational Research Society, 0, 52, 409-417.	2.1	58
16	Managing warehouse efficiency and worker discomfort through enhanced storage assignment decisions. International Journal of Production Research, 2017, 55, 6407-6422.	4.9	57
17	A simultaneous facility location and vehicle routing problem arising in health care logistics in the Netherlands. European Journal of Operational Research, 2018, 268, 703-715.	3.5	54
18	Scheduling of Container Storage and Retrieval. Operations Research, 2009, 57, 456-467.	1.2	53

#	Article	IF	Citations
19	The vehicle routing problem with simultaneous pickup and delivery and handling costs. Computers and Operations Research, 2020, 115, 104858.	2.4	51
20	Order picker routing with product returns and interaction delays. International Journal of Production Research, 2017, 55, 6394-6406.	4.9	44
21	The pickup and delivery traveling salesman problem with handling costs. European Journal of Operational Research, 2017, 257, 118-132.	3.5	39
22	Coordinating technician allocation and maintenance routing for offshore wind farms. Computers and Operations Research, 2018, 98, 185-197.	2.4	38
23	Effects of demurrage and detention regimes on dry-port-based inland container transport. Transportation Research Part C: Emerging Technologies, 2018, 89, 1-18.	3.9	36
24	Reduction of Walking Time in the Distribution Center of De Bijenkorf. Lecture Notes in Economics and Mathematical Systems, 1999, , 215-234.	0.3	30
25	Improved Collaborative Transport Planning at Dutch Logistics Service Provider Fritom. Interfaces, 2016, 46, 119-132.	1.6	26
26	Transshipments of cross-channel returned products. International Journal of Production Economics, 2019, 209, 70-77.	5.1	25
27	Layout and control policies for cross docking operations. Computers and Industrial Engineering, 2011, 61, 911-919.	3.4	21
28	Dynamic shipments of inventories in shared warehouse and transportation networks. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 240-257.	3.7	16
29	Transshipment and rebalancing policies for library books. European Journal of Operational Research, 2013, 228, 447-456.	3.5	15
30	Optimizing stock levels for rental systems with a support warehouse and partial backordering. European Journal of Operational Research, 2018, 265, 107-118.	3.5	9
31	Asymmetric Multidepot Vehicle Routing Problems: Valid Inequalities and a Branch-and-Cut Algorithm. Operations Research, 2021, 69, 380-409.	1.2	9
32	A Special Case of the Multiple Traveling Salesmen Problem in End-of-Aisle Picking Systems. Transportation Science, 2021, 55, 1151-1169.	2.6	6
33	Storage Assignment for Order Picking in Multiple-Block Warehouses. , 2012, , 139-155.		6
34	A Compact Arc-Based ILP Formulation for the Pickup and Delivery Problem with Divisible Pickups and Deliveries. Transportation Science, 2021, 55, 336-352.	2.6	3
35	Redistributing stock in library systems with a depot. Computers and Operations Research, 2017, 83, 66-77.	2.4	1