Designing efficient order picking systems by combining classification and review

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Citation Report

#	Article	IF	CITATIONS
1	Increasing order picking efficiency by integrating storage, batching, zone picking, and routing policy decisions. International Journal of Production Economics, 2018, 197, 243-261.	8.9	82
2	Using an integrated order picking-vehicle routing problem to study the impact of delivery time windows in e-commerce. European Transport Research Review, 2018, 10, .	4.8	13
3	E-commerce order batching algorithm based on association rule mining in the era of big data. , 2018, , .		4
4	Order picking in parallel-aisle warehouses with multiple blocks: complexity and a graph theory-based heuristic. International Journal of Production Research, 2019, 57, 888-906.	7.5	28
5	Warehousing in the e-commerce era: A survey. European Journal of Operational Research, 2019, 277, 396-411.	5.7	348
6	An integrated model to improve ergonomic and economic performance in order picking by rotating pallets. European Journal of Operational Research, 2019, 273, 516-534.	5.7	52
7	Local Return Routing Strategy in a Flow-Picking System. , 2019, , .		0
8	A dynamic programming approach for storage location assignment planning problem. Procedia CIRP, 2019, 83, 513-516.	1.9	4
9	Splitting Shopping and Delivery Tasks in an On-Demand Personal Shopper Service. SSRN Electronic Journal, 2019, , .	0.4	1
10	Modelling a batch assorting operation for an autonomous cart in a parallel-aisle order assorting system. , 2019, , .		1
11	Multi-dock unit-load warehouse designs with a cross-aisle. Transportation Research, Part E: Logistics and Transportation Review, 2019, 129, 247-262.	7.4	5
12	Design and optimization of order picking systems: An integrated procedure and two case studies. Computers and Industrial Engineering, 2019, 137, 106035.	6.3	18
13	New Automated Guided Vehicle System Using Real-Time Holonic Scheduling for Warehouse Picking. IEEE Robotics and Automation Letters, 2019, 4, 1045-1052.	5.1	62
14	Enhancing the order picking process through a new storage assignment strategy in forward-reserve area. International Journal of Production Research, 2019, 57, 6593-6614.	7.5	24
15	An approach for the solution to order batching and sequencing in picking systems. Production Engineering, 2019, 13, 325-341.	2.3	16
16	Formulating and solving the integrated batching, routing, and picker scheduling problem in a real-life spare parts warehouse. European Journal of Operational Research, 2019, 277, 814-830.	5.7	55
17	Designing efficient order picking systems: The effect of real-life features on the relationship among planning problems. Transportation Research, Part E: Logistics and Transportation Review, 2019, 125, 47-73.	7.4	40
18	The online integrated order picking and delivery considering Pickers' learning effects for an O2O community supermarket. Transportation Research, Part E: Logistics and Transportation Review, 2019, 123, 180-199.	7.4	64

#	Article	IF	CITATIONS
19	The effect of worker fatigue on the performance of a bucket brigade order picking system. IFAC-PapersOnLine, 2019, 52, 2195-2200.	0.9	8
20	Heterogeneous Multi-agent Routing Strategy for Robot-and-Picker-to-Good Order Fulfillment System. Advances in Intelligent Systems and Computing, 2019, , 237-249.	0.6	6
21	New model of the storage location assignment problem considering demand correlation pattern. Computers and Industrial Engineering, 2019, 129, 210-219.	6.3	41
22	An integrated storage assignment method for manual order picking warehouses considering cost, workload and posture. International Journal of Production Research, 2019, 57, 2392-2408.	7.5	52
23	SKU arrangement on a unidirectional picking line. International Transactions in Operational Research, 2019, 26, 100-130.	2.7	6
24	Genetic algorithms applied to integration and optimization of billing and picking processes. Journal of Intelligent Manufacturing, 2020, 31, 641-659.	7.3	13
25	Optimal order picker routing in the chevron warehouse. IISE Transactions, 2020, 52, 665-687.	2.4	17
26	Improving order-picking operation through efficient storage location assignment: A new approach. Computers and Industrial Engineering, 2020, 139, 106186.	6.3	26
27	Order picker routing in warehouses: A systematic literature review. International Journal of Production Economics, 2020, 224, 107564.	8.9	112
28	Robot scheduling for pod retrieval in a robotic mobile fulfillment system. Transportation Research, Part E: Logistics and Transportation Review, 2020, 142, 102087.	7.4	35
29	A new iterative method for solving the joint dynamic storage location assignment, order batching and picker routing problem in manual picker-to-parts warehouses. Computers and Industrial Engineering, 2020, 147, 106645.	6.3	21
30	Picking-replenishment synchronization for robotic forward-reserve warehouses. Transportation Research, Part E: Logistics and Transportation Review, 2020, 144, 102138.	7.4	22
31	A Discrete Particle Swarm Optimization to Solve the Put-Away Routing Problem in Distribution Centres. Computation, 2020, 8, 99.	2.0	7
32	Evaluation of the effectiveness of methods and criteria for product classification in the warehouse. European Journal of Industrial Engineering, 2020, 14, 147.	0.8	4
33	Optimization of Warehouse Operations with Genetic Algorithms. Applied Sciences (Switzerland), 2020, 10, 4817.	2.5	22
34	Sensitivity Analysis of Selected Parameters in the Order Picking Process Simulation Model, with Randomly Generated Orders. Entropy, 2020, 22, 423.	2.2	19
35	Automated order picking systems and the links between design and performance: a systematic literature review. International Journal of Production Research, 2020, 58, 4489-4505.	7.5	61
36	Integrating storage location and order picking problems in warehouse planning. Transportation Research, Part E: Logistics and Transportation Review, 2020, 140, 102003.	7.4	37

#	Article	IF	CITATIONS
37	An efficient and general approach for the joint order batching and picker routing problem. European Journal of Operational Research, 2020, 285, 497-512.	5.7	40
38	Operational workload balancing in manual order picking. Computers and Industrial Engineering, 2020, 141, 106269.	6.3	30
39	Order batching using an approximation for the distance travelled by pickers. European Journal of Operational Research, 2020, 284, 460-484.	5.7	16
40	Optimization of the Storage Location Assignment and the Picker-Routing Problem by Using Mathematical Programming. Applied Sciences (Switzerland), 2020, 10, 534.	2.5	18
41	Variable Neighborhood Search. Lecture Notes in Computer Science, 2020, , .	1.3	4
42	Cyber physical system-enabled synchronization mechanism for pick-and-sort ecommerce order fulfilment. Computers in Industry, 2020, 118, 103220.	9.9	20
43	Integrated order batching and vehicle routing operations in grocery retail–ÂA General Adaptive Large Neighborhood Search algorithm. European Journal of Operational Research, 2021, 294, 1003-1021.	5.7	36
44	Introducing split orders and optimizing operational policies in robotic mobile fulfillment systems. European Journal of Operational Research, 2021, 288, 80-97.	5.7	45
45	A model for planning and economic comparison of manual and automated kitting systems. International Journal of Production Research, 2021, 59, 885-908.	7.5	14
46	High-density storage with mobile racks: Picker routing and product location. Journal of the Operational Research Society, 2021, 72, 535-553.	3.4	14
47	Improving picking performance at a large retailer warehouse by combining probabilistic simulation, optimization, and discreteâ€event simulation. International Transactions in Operational Research, 2021, 28, 687-715.	2.7	16
48	Order allocation, rack allocation and rack sequencing for pickers in a mobile rack environment. Computers and Operations Research, 2021, 125, 105090.	4.0	34
49	Sameâ€day deliveries in omnichannel retail: Integrated order picking and vehicle routing with vehicleâ€site dependencies. Naval Research Logistics, 2021, 68, 721-744.	2.2	23
50	Optimization for cooperative task planning of heterogeneous multi-robot systems in an order picking warehouse. Engineering Optimization, 2021, 53, 1715-1732.	2.6	6
51	The forgotten sons: Warehousing systems for brick-and-mortar retail chains. European Journal of Operational Research, 2021, 288, 361-381.	5.7	51
52	Revisiting the warehouse research through an evolutionary lens: a review from 1990 to 2019. International Journal of Production Research, 2021, 59, 3470-3492.	7.5	42
53	Analysing the effectiveness of workload balancing measures in order picking operations. International Journal of Production Research, 2022, 60, 2126-2150.	7.5	16
54	Order Picking and E-Commerce: Introducing Non-Parametric Efficiency Measurement for Sustainable Retail Logistics. Journal of Theoretical and Applied Electronic Commerce Research, 2021, 16, 846-858.	5.7	11

#	Article	IF	CITATIONS
55	Demand-predictive storage assignment mechanism for flower auction centers. International Journal of Production Research, 2022, 60, 6691-6707.	7.5	3
56	Robotic Mobile Fulfillment Systems: A survey on recent developments and research opportunities. Robotics and Autonomous Systems, 2021, 137, 103729.	5.1	45
57	Takeout Service Automation With Trained Robots in the Pandemic-Transformed Catering Business. IEEE Robotics and Automation Letters, 2021, 6, 903-910.	5.1	12
58	Product allocation planning with handling constraints: a case study analysis. International Journal of Management Science and Engineering Management, 2021, 16, 175-183.	3.1	5
59	Workforce Scheduling with Order-Picking Assignments in Distribution Facilities. Transportation Science, 2021, 55, 725-746.	4.4	10
60	Evaluation of routing policies using an interval-valued TOPSIS approach for the allocation rules. Computers and Industrial Engineering, 2021, 156, 107256.	6.3	7
61	Ramping up a heuristic procedure for storage location assignment problem with precedence constraints. Flexible Services and Manufacturing Journal, 2022, 34, 646-669.	3.4	7
62	qRobot: A Quantum Computing Approach in Mobile Robot Order Picking and Batching Problem Solver Optimization. Algorithms, 2021, 14, 194.	2.1	18
63	Using smart lighting systems to reduce energy costs in warehouses: A simulation study. International Journal of Logistics Research and Applications, 2023, 26, 77-95.	8.8	11
64	Association between distribution centre design and contextual characteristics. Journal of Facilities Management, 2022, 20, 172-192.	1.8	2
65	The integrated orderline batching, batch scheduling, and picker routing problem with multiple pickers: the benefits of splitting customer orders. Flexible Services and Manufacturing Journal, 2022, 34, 614-645.	3.4	8
66	Picker Routing in AGV-Assisted Order Picking Systems. INFORMS Journal on Computing, 2022, 34, 440-462.	1.7	24
68	Towards a conceptualisation of Order Picking 4.0. Computers and Industrial Engineering, 2021, 159, 107511.	6.3	39
69	An evaluation of several combinations of routing and storage location assignment policies for the order batching problem. International Journal of Production Research, 0, , 1-20.	7.5	3
70	Operational strategies for on-demand personal shopper services. Transportation Research Part C: Emerging Technologies, 2021, 130, 103320.	7.6	9
71	A hybrid metaheuristic routing algorithm for low-level picker-to-part systems. Computers and Industrial Engineering, 2021, 160, 107540.	6.3	4
72	Solving an integrated scheduling and routing problem with inventory, routing and penalty costs. European Journal of Operational Research, 2021, 294, 571-589.	5.7	16
73	Joint optimization of order sequencing and rack scheduling in the robotic mobile fulfilment system. Computers and Operations Research, 2021, 135, 105467.	4.0	17

#	Article	IF	CITATIONS
74	Wave order picking under the mixed-shelves storage strategy: A solution method and advantages. Computers and Operations Research, 2022, 137, 105556.	4.0	14
75	Defining a storage-assignment strategy for precedence-constrained order picking. Operations Research and Decisions, 2021, 31, .	0.3	1
76	Solving product allocation problem (PAP) by using ANN and clustering. FME Transactions, 2021, 49, 206-213.	1.4	5
77	Mobile Picking Robots: A First Study of the Effects of Human-Robot Interactions in Conventional Order Picking Systems. EAI/Springer Innovations in Communication and Computing, 2022, , 319-332.	1.1	2
78	Assistive devices for manual materials handling in warehouses: a systematic literature review. International Journal of Production Research, 2021, 59, 3446-3469.	7.5	34
79	L'analisi a priori del rischio sanitario in Regione Piemonte: applicazione del metodo Cartorisk sull'area materno-infantile. Mecosan, 2020, , 67-88.	0.1	2
80	Effectiveness of product storage policy according to classification criteria and warehouse size. FME Transactions, 2019, 47, 142-150.	1.4	13
81	Evaluating the benefits of picking and packing planning integration in e-commerce warehouses. European Journal of Operational Research, 2022, 301, 67-81.	5.7	14
82	Class-based Storage Location Assignment: An Overview of the Literature. , 2019, , .		3
83	Implementation of an Artificial Bee Colony to Solve an Order Picking Problem. Advances in Human Resources Management and Organizational Development Book Series, 2019, , 144-160.	0.3	0
84	Identification of Continued Improvement in the Resolution of an Order Picking Model for a Furniture Factory to Improve the Distribution of Wood Furniture. Advances in Human Resources Management and Organizational Development Book Series, 2019, , 261-274.	0.3	0
85	Functional Order Picking Model Associated With Italika Motorcycle Parts. Advances in Human Resources Management and Organizational Development Book Series, 2019, , 339-362.	0.3	0
86	PROBLEMS OF ORDER-PICKING REPLENISHMENT IN DISTRIBUTIONAL WAREHOUSES. Systemy Logistyczne Wojsk, 2019, 50, 153-164.	0.0	0
87	A VNS Approach for Batch Sequencing and Route Planning in Manual Picking System with Time Windows. Lecture Notes in Computer Science, 2020, , 167-177.	1.3	1
88	Data-driven storage location method for put system in Chinese flower auction centres. International Journal of Production Research, 2022, 60, 1231-1244.	7.5	3
89	The study of joint order batching and picker routing problem with food and nonfood category constraint in onlineâ€toâ€offline grocery store. International Transactions in Operational Research, 2021, 28, 2440-2463.	2.7	8
90	Increasing the Practical Applicability of Research on Order Picking Planning: State-of-the-Art Classification and Review. SSRN Electronic Journal, 0, , .	0.4	0
92	Approach for profiling warehousing activity using customer's order data history Revista EIA, 2020, 17, .	0.1	0

#	Article	IF	CITATIONS
93	Fast and Faultless? Quantity and Quality Feedback in Order Picking. Production and Operations Management, 2022, 31, 1536-1559.	3.8	9
94	Multi-objective grouping genetic algorithm for the joint order batching, batch assignment, and sequencing problem. International Journal of Management Science and Engineering Management, 2022, 17, 188-204.	3.1	1
95	A Survey of the Literature on Order-Picking Systems by Combining Planning Problems. Applied Sciences (Switzerland), 2021, 11, 10641.	2.5	8
96	Evaluation of human workload in a hybrid order picking system. IFAC-PapersOnLine, 2021, 54, 458-463.	0.9	10
97	A deep learning approach for the selection of an order picking system. European Journal of Operational Research, 2022, 302, 530-543.	5.7	11
98	Quantifying the impact of sharing resources in a collaborative warehouse. European Journal of Operational Research, 2022, 302, 518-529.	5.7	8
99	A literature review of smart warehouse operations management. Frontiers of Engineering Management, 2022, 9, 31-55.	6.1	37
100	Performance Analysis of Picking Path Strategies in Chevron Layout Warehouse. Mathematics, 2022, 10, 395.	2.2	6
101	Intralogistics synchronization in robotic forward-reserve warehouses for e-commerce last-mile delivery. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102619.	7.4	5
102	Industrial internet of things-driven storage location assignment and order picking in a resource synchronization and sharing-based robotic mobile fulfillment system. Advanced Engineering Informatics, 2022, 52, 101540.	8.0	30
103	Solving the picker routing problem in multi-block high-level storage systems using metaheuristics. Flexible Services and Manufacturing Journal, 2023, 35, 376-415.	3.4	6
104	Hybrid order picking: A simulation model of a joint manual and autonomous order picking system. Computers and Industrial Engineering, 2022, 167, 107981.	6.3	24
105	Order batching and order picking with 3D positioning of the articles: solution through a hybrid evolutionary algorithm. Mathematical Biosciences and Engineering, 2022, 19, 5546-5563.	1.9	3
106	Order Picking Systems: A Queue Model for Dimensioning the Storage Capacity, the Crew of Pickers, and the AGV Fleet. Mathematical Problems in Engineering, 2022, 2022, 1-15.	1.1	4
107	Practical factors in order picking planning: state-of-the-art classification and review. International Journal of Production Research, 2023, 61, 2032-2056.	7.5	23
108	A variable neighborhood search approach to solve the order batching problem with heterogeneous pick devices. European Journal of Operational Research, 2023, 304, 461-475.	5.7	7
109	Steiner TSP based on aisle as a unit for order picking. Computers and Industrial Engineering, 2022, 168, 108026.	6.3	3
110	New solution procedures for the order picker routing problem in U-shaped pick areas with a movable depot. OR Spectrum, 2022, 44, 535-573.	3.4	3

#	ARTICLE A Warehouse Scheduling Using Genetic Algorithm and Collision Index. , 2021, , .	IF	Citations 3
112	Integrated zone picking and vehicle routing operations with restricted intermediate storage. OR Spectrum, 2022, 44, 795-832.	3.4	2
113	Inventory routing in a warehouse: The storage replenishment routing problem. European Journal of Operational Research, 2022, 301, 1117-1132.	5.7	7
114	NLP Oriented Voice-Based Order Picking System in a Warehouse Management: A Systematic Review. SSRN Electronic Journal, 0, , .	0.4	0
115	The min–max order picking problem in synchronised dynamic zone-picking systems. International Journal of Production Research, 2023, 61, 2086-2104.	7.5	6
116	Batch Assorting for Worker-Following Assortment Carts in Parallel-Aisle Order-Assorting Systems. IEEE Access, 2022, 10, 44159-44169.	4.2	1
117	Integrated Order Picking and Multi-Skilled Picker Scheduling in Omni-Channel Retail Stores. Mathematics, 2022, 10, 1484.	2.2	6
118	Performance Analysis of Multi-Stage Stochastic Order Fulfilment Systems with Levelled Order Release Andorder Deadlines. SSRN Electronic Journal, 0, , .	0.4	0
119	In pursuit of humanised order picking planning: methodological review, literature classification and input from practice. International Journal of Production Research, 2023, 61, 3300-3330.	7.5	20
120	Integrated scheduling of order picking operations under dynamic order arrivals. International Journal of Production Research, 2023, 61, 3205-3226.	7.5	7
122	New team mates in the warehouse: Human interactions with automated and robotized systems. IISE Transactions, 2023, 55, 536-553.	2.4	10
123	A Multi-Start Biased-Randomized Algorithm for Solving TheÂ3-Dimensional Case Picking Problem. SSRN Electronic Journal, 0, , .	0.4	0
124	Crowdsourced orderâ€fulfillment policies using inâ€store customers. Production and Operations Management, 2022, 31, 4075-4094.	3.8	5
125	A discrete variant of cuckoo search algorithm to solve the Travelling Salesman Problem and path planning for autonomous trolley inside warehouse. Knowledge-Based Systems, 2022, 252, 109290.	7.1	12
126	Stochastic models of routing strategies under the class-based storage policy in fishbone layout warehouses. Scientific Reports, 2022, 12, .	3.3	2
127	Sequencing and routing in a large warehouse with high degree of product rotation. Flexible Services and Manufacturing Journal, 0, , .	3.4	3
128	In-store order fulfilment in omni-channel supermarkets with heterogeneous workforce: A bi-objective optimisation approach. Computers and Industrial Engineering, 2022, 171, 108516.	6.3	0
129	Estimating optimal ABC zone sizes in manual warehouses. International Journal of Production Economics, 2022, 252, 108579.	8.9	6

#	Article	IF	Citations
130	A comprehensive review of batching problems in low-level picker-to-parts systems with order due dates: Main gaps, trade-offs, and prospects for future research. Journal of Manufacturing Systems, 2022, 65, 1-18.	13.9	6
131	Considering pickers' learning effects in selecting between batch picking and batch-synchronized zone picking for online-to-offline groceries. Applied Mathematical Modelling, 2023, 113, 358-375.	4.2	8
132	The Green Sequencing andÂRouting Problem. Lecture Notes in Computer Science, 2022, , 231-244.	1.3	2
133	Effects of Multiple Depots on Total Travel Distance in Parallel-Aisle Manual Order Picking Systems. IFIP Advances in Information and Communication Technology, 2022, , 310-318.	0.7	0
134	Integrative Zoning andÂltem-to-Zone Assignment inÂPick &Pass Systems – A Basic Decision Model. , 2022, , 274-279.		0
135	NLP-Oriented Voice-Based Order Picking System in a Warehouse Management: A Systematic Review. Algorithms for Intelligent Systems, 2022, , 185-198.	0.6	1
136	A forecasting analytics model forÂassessing forecast error in e-fulfilment performance. Industrial Management and Data Systems, 2022, 122, 2583-2608.	3.7	3
137	A review of synchronization problems in parts-to-picker warehouses. European Journal of Operational Research, 2023, 307, 1374-1390.	5.7	4
138	A Mixed Integer Linear Formulation and a Grouping League Championship Algorithm for a Multiperiod-Multitrip Order Picking System with Product Replenishment to Minimize Total Tardiness. Complexity, 2022, 2022, 1-24.	1.6	1
139	Formulating and solving integrated order batching and routing in multi-depot AGV-assisted mixed-shelves warehouses. European Journal of Operational Research, 2023, 307, 713-730.	5.7	7
140	The multiâ€depot family traveling salesman problem and clusteredÂvariants: Mathematical formulations and branchâ€&â€cut based methods. Networks, 2022, 80, 502-571.	2.7	4
141	A Combined Dynamic Programming and Simulation Approach to the Sizing of the Low-Level Order-Picking Area. Mathematics, 2022, 10, 3733.	2.2	3
142	Simulations in planning logistics processes as a tool of decision-making in manufacturing companies. Production Engineering Archives, 2022, 28, 300-308.	2.4	3
143	Planning and picking in small warehouses under industry-relevant constraints. Production Engineering, 2023, 17, 575-590.	2.3	2
144	Product-Service System design – an example of the logistics industry. Archives of Transport, 2022, 63, 159-180.	1.1	3
145	Order picking heuristics for online order fulfillment warehouses with explosive storage. International Journal of Production Economics, 2023, 256, 108747.	8.9	1
146	Solving an order batching, picker assignment, batch sequencing and picker routing problem via information integration. Journal of Industrial Information Integration, 2023, 31, 100414.	6.4	3
147	Inventory management and logistics optimization: A data mining practical approach. Logforum, 2020, 16, 535-547.	1.2	2

#	Article	IF	CITATIONS
148	Improved formulations of the joint order batching and picker routing problem. International Journal of Production Research, 2023, 61, 7386-7409.	7.5	2
149	Investigating the Performance of the Order-Picking Process by Using Smart Glasses: A Laboratory Experimental Approach. Logistics, 2022, 6, 84.	4.3	1
150	An improved NSGA-II based-on project scheduling principles for workforce scheduling optimization in warehouse. , 2022, , .		0
151	A Shortest Path Graph Attention Network and Non-traditional Multi-deep Layouts in Robotic Mobile Fulfillment System. , 2022, , .		1
152	The Synergy of Lean Thinking and Process Analysis as the Way to Reduce Waste in Intralogistics. Advances in Logistics, Operations, and Management Science Book Series, 2023, , 51-74.	0.4	0
153	Algorithm for Robotic Picking in Amazon Fulfillment Centers Enables Humans and Robots to Work Together Effectively. INFORMS Journal on Applied Analytics, 2023, 53, 266-282.	1.1	3
154	Operational planning for public holidays in grocery retailing -Âmanaging the grocery retail rush. Operations Management Research, 0, , .	8.5	1
155	Dynamic task allocation based on auction in robotic mobile fulfilment system. Journal of Industrial and Management Optimization, 2023, 19, 7600-7615.	1.3	1
156	A review on integrated scheduling and outbound vehicle routing problems. European Journal of Operational Research, 2023, 311, 1-23.	5.7	12
157	Data Driven Approach to Order Picking Time Prediction Using Fuzzy Clustering and ANN. Lecture Notes in Networks and Systems, 2022, , 18-26.	0.7	1
158	Optimizing storage assignment, order picking, and their interaction in mezzanine warehouses. Applied Intelligence, 2023, 53, 18605-18629.	5.3	3
159	Optimizing workforce allocation under uncertain activity duration. Computers and Industrial Engineering, 2023, 179, 109228.	6.3	1
160	Trends in order picking: a 2007–2022 review of the literature. Production and Manufacturing Research, 2023, 11, .	1.5	4
161	Research on a Dynamic Task Update Assignment Strategy Based on a "Parts to Picker―Picking System. Mathematics, 2023, 11, 1684.	2.2	4
162	E-commerce Warehousing: An Efficient Scattered Storage Assignment Algorithm with Bulky Locations. Computers and Industrial Engineering, 2023, , 109236.	6.3	1
163	Reinforcement-Learning-Based Local Search Approach to Integrated Order Batching: Driving Growth for Logistics and Retail. IEEE Robotics and Automation Magazine, 2023, 30, 34-45.	2.0	0
164	Otimização do processo de picking em supermercados: um modelo matemático para roteamento de coleta de pedidos em comércio eletrônico. GeSec, 2023, 14, 5488-5503.	0.3	0
165	Visualization of turnover rate in a warehouse using augmented reality. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
166	its cooperation methods. International Journal of Production Research, 0, , 1-23.	7.5	0
168	Optimizing order-picking warehouse designs using collaborative robots. Journal of the Faculty of Engineering and Architecture of Gazi University, 0, , .	0.8	Ο
169	A recipe for an omnichannel warehouse storage system: Improving the storage efficiency by integrating block stacking and racking. Computers and Industrial Engineering, 2023, 182, 109320.	6.3	0
170	Put it in the bag: Order fulfillment with a pocket sorter system. Naval Research Logistics, 0, , .	2.2	1
171	Enhancing Manual Order Picking through a New Metaheuristic, Based on Particle Swarm Optimization. Mathematics, 2023, 11, 3077.	2.2	0
172	An efficient data-driven method for storage location assignment under item correlation considerations. International Journal of Systems Science: Operations and Logistics, 2023, 10, .	3.0	2
173	Solving Location Assignment and Order Picker-Routing Problems in Warehouse Management. Axioms, 2023, 12, 711.	1.9	0
174	A Storage Location Assignment Problem withÂlncompatibility andÂlsolation Constraints: AnÂlterated Local Search Approach. Lecture Notes in Business Information Processing, 2023, , 22-47.	1.0	0
175	Dynamics between warehouse operations and vehicle routing. Production and Operations Management, 2023, 32, 3575-3593.	3.8	1
176	A classification approach to order picking systems and policies: Integrating automation and optimization for future research. Results in Control and Optimization, 2023, 12, 100281.	2.3	1
177	Motion Trajectory Prediction in Warehouse Management Systems: A Systematic Literature Review. Applied Sciences (Switzerland), 2023, 13, 9780.	2.5	1
178	A Two-Step Matheuristics for Order-Picking Process Problems with One-Directional Material Flow and Buffers. Applied Sciences (Switzerland), 2023, 13, 10099.	2.5	0
179	A Smart, Textile-Driven, Soft Exosuit for Spinal Assistance. Sensors, 2023, 23, 8329.	3.8	0
180	Matheuristic approaches to the green sequencing and routing problem. Flexible Services and Manufacturing Journal, 0, , .	3.4	0
181	Dominant factors in the simulation-based development of warehousing services. Journal of Simulation, 0, , 1-16.	1.5	0
182	Responsive pick face replenishment strategy for stock allocation to fulfil e-commerce order. International Journal of Production Economics, 2023, 264, 108976.	8.9	0
183	Arc routing based compact formulations for picker routing in single and two block parallel aisle warehouses. European Journal of Operational Research, 2024, 313, 225-240.	5.7	3
184	Performance Analysis of a Light Weight Ground Robotic Vehicle by Implementing Adaptive Neuro-Fuzzy Inference System (ANFIS). , 2023, , .		0

#	Article	IF	CITATIONS
185	Generalized Objective Function to Ensure Robust Evaluation for Evolutionary Storage Location Assignment Algorithms. Communications in Computer and Information Science, 2023, , 546-559.	0.5	0
186	Picking scheduling for single picker to multi-workstations of the part-to-picker order fulfilment system. RAIRO - Operations Research, 2024, 58, 535-555.	1.8	0
187	Optimization of Cube Storage Warehouse Scheduling Using Genetic Algorithms. , 2023, , .		1
188	Simultaneous allocation and sequencing of orders for robotic mobile fulfillment system using reinforcement learning algorithm. Expert Systems With Applications, 2024, 239, 122262.	7.6	1
189	Finding the right one: Decision support for selecting cost-efficient order picking solutions. IISE Transactions, 0, , 1-15.	2.4	0
190	A memetic algorithm with fuzzy-based population control for the joint order batching and picker routing problem. Information Sciences, 2024, 656, 119913.	6.9	0
191	Order batching problems in parallel-aisle order picking systems with larger-than-bin orders. Journal of the Operational Research Society, 0, , 1-17.	3.4	0
192	Trends and new practical applications for warehouse allocation and layout design: a literature review. SN Applied Sciences, 2023, 5, .	2.9	0
193	A multistart biasedâ€randomized algorithm for solving a threeâ€dimensional case picking problem with realâ€life constraints. International Transactions in Operational Research, 2024, 31, 2154-2177.	2.7	0
194	Managing cutoff-based shipment promises for order fulfilment processes in warehousing. OR Spectrum, 0, , .	3.4	0
195	Improving the picking efficiency ofÂa cold warehouse to avoid temperature abuse. International Journal of Logistics Management, 0, , .	6.6	0
196	A state-of-the-art classification and review of parameters that affect the design, control, and operating strategies of order-picking systems. Operational Research, 2024, 24, .	2.0	0
198	Human-and-cost-centric storage assignment optimization in picker-to-parts warehouses. European Journal of Operational Research, 2024, 315, 1049-1068.	5.7	0
199	Designing Order Picking System Efficiency by Combining Four Planning Problems and its Influence on Picker Blocking with RFID. , 2023, , .		0
200	Implementation of Automated Guided Vehicles for the Automation of Selected Processes and Elimination of Collisions between Handling Equipment and Humans in the Warehouse. Sensors, 2024, 24, 1029.	3.8	0
201	Development of a Smart Textile-Driven Soft Spine Exosuit for Lifting Tasks in Industrial Applications. , 2024, , .		0
202	Exact Solution of the Single-Picker Routing Problem with Scattered Storage. INFORMS Journal on Computing, 0, , .	1.7	0
204	50 years of warehousing research—An operations research perspective. European Journal of	5.7	0

#	Article	IF	CITATIONS
205	Machine Learning in Warehouse Management: A Survey. Procedia Computer Science, 2024, 232, 2790-2799.	2.0	0