Smart automated guided vehicles for manufacturing in

Procedia Manufacturing 26, 1077-1086 DOI: 10.1016/j.promfg.2018.07.144

Citation Report

#	Article	IF	CITATIONS
1	An intralogistics-oriented Cyber-Physical System for workshop in the context of Industry 4.0. Procedia Manufacturing, 2019, 35, 1178-1183.	1.9	19
2	Digital supply chain model in Industry 4.0. Journal of Manufacturing Technology Management, 2019, 31, 887-933.	6.4	151
3	A new HW/SW architecture to move from AGVs towards Autonomous Mobile Robots. , 2019, , .		1
4	Sustainable Implementation Success Factors of AGVs in the Brazilian Industry Supply Chain Management. Procedia Manufacturing, 2019, 39, 1577-1586.	1.9	19
5	Research on omnidirectional mobile robot motion control based on integration of traction and steering wheel. , 2019, , .		2
6	Decentralized coordination of autonomous AGVs for flexible factory automation in the context of Industry 4.0. , 2020, , .		6
7	Automatic guided vehicles (AGVs) in the rail transit intelligent manufacturing environment. , 2020, , 143-188.		0
8	Security issues in Industry 4.0. , 2020, , .		15
9	Gaining strategic insights into Logistics 4.0: expectations and impacts*. Production Planning and Control, 2022, 33, 211-227.	8.8	16
10	A Review of Recent Advances in Automated Guided Vehicle Technologies: Integration Challenges and Research Areas for 5G-Based Smart Manufacturing Applications. IEEE Access, 2020, 8, 202312-202353.	4.2	128
11	Advances in Sensor Technologies in the Era of Smart Factory and Industry 4.0. Sensors, 2020, 20, 6783.	3.8	130
12	Design and Control of Automated Guided Vehicle. Applied Mechanics and Materials, 0, 902, 33-42.	0.2	3
13	Trends in Smart Manufacturing: Role of Humans and Industrial Robots in Smart Factories. Current Robotics Reports, 2020, 1, 35-41.	7.9	102
14	Internal logistics flow simulation: A case study in automotive industry. Journal of Simulation, 2022, 16, 204-216.	1.5	10
15	Trends of Digital Transformation in the Shipbuilding Sector. , 0, , .		8
16	AHP method application in selection of appropriate material handling equipment in selected industrial enterprise. Wireless Networks, 2021, 27, 1683-1691.	3.0	18
17	Computational Intelligence in the Context of Industry 4.0. , 2021, , 27-94.		4
18	Autonomous Vehicle in Industrial Logistics Application. , 2021, , 1030-1052.		0

CITATION REPORT

#	ARTICLE	IF	CITATIONS
19	A brief review of the methods and techniques used in the innovative internal logistics processes and systems. IOP Conference Series: Materials Science and Engineering, 0, 1018, 012023.	0.6	0
20	The inâ€house logistics routing problem. International Transactions in Operational Research, 2023, 30, 1144-1168.	2.7	1
21	Robots in Industry: The Past, Present, and Future of a Growing Collaboration With Humans. IEEE Industrial Electronics Magazine, 2021, 15, 50-61.	2.6	36
22	Flow-shop path planning for multi-automated guided vehicles in intelligent textile spinning cyber-physical production systems dynamic environment. Journal of Manufacturing Systems, 2021, 59, 98-116.	13.9	29
23	Challenges of modeling and analysis in cybermanufacturing: a review from a machine learning and computation perspective. Journal of Intelligent Manufacturing, 2023, 34, 415-428.	7.3	13
24	Power-efficient Strategies for Sensing in Autonomous Mobile Robots, a critical requirement of I4.0 standard. IOP Conference Series: Materials Science and Engineering, 2021, 1187, 012007.	0.6	0
25	Development of a Survey Instrument for Measuring Workers Satisfaction on Usability of Manual Handling Equipments at the Warehouse: A Pilot Study. Lecture Notes in Mechanical Engineering, 2022, , 583-592.	0.4	0
28	Autonomous Vehicle in Industrial Logistics Application. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 182-208.	0.4	1
29	Dynamic path finding method and obstacle avoidance for automated guided vehicle navigation in Industry 4.0. Procedia Computer Science, 2021, 192, 3945-3954.	2.0	4
30	DENİZCİLİK 4.0 VE DENİZCİLİK SEKTÄ–RÜNÜN BEKLENTİLERİ. Akademik İncelemeler Dergisi, Ä	2000;15,	13B-170.
31	RFID-Integrated Software Platform for Construction Materials Management. Modular and Offsite Construction (MOC) Summit Proceedings, 0, , 479-487.	0.0	1
32	Sustainable Development of Information Systems for Logistics as a Tool to Strengthen the Competitive Ability on Global Markets. Nase Gospodarstvo, 2019, 65, 3-10.	0.4	0
34	Cyber-physical Industry 4.0 laboratory test field to simulate self-optimizing intralogistics. , 2020, , .		3
35	Design of AGV systems in working environments shared with humans: a multi case study. IFAC-PapersOnLine, 2020, 53, 10603-10608.	0.9	2
36	Synthesis of self-reconfigurable manufacturing systems in engineering. Journal of Physics: Conference Series, 2020, 1515, 042071.	0.4	0
37	Distributed Computing Architecture for Logistic Job Allocation in Smart Factory. , 2020, , .		1
38	Distributed MAS with Leaderless Consensus to Job-Shop Scheduler in a Virtual Smart Factory with Modular Conveyors. , 2020, , .		5
39	Automation of a tow-tractor for the autonomous delivery of materials in an industrial complex. International Journal on Interactive Design and Manufacturing, 0, , 1.	2.2	0

# 40	ARTICLE Dynamic Packet Duplication for Industrial URLLC. Sensors, 2022, 22, 587.	IF 3.8	CITATIONS
41	Responsible digitalization through digital technologies and green practices. Corporate Social Responsibility and Environmental Management, 2022, 29, 984-995.	8.7	46
42	Design of a fast-charge lithium-ion capacitor pack for automated guided vehicle. Journal of Energy Storage, 2022, 48, 104045.	8.1	8
43	Review on Optimization Techniques for AGV's Optimization in Flexible manufacturing System Gazi University Journal of Science, 0, , .	1.2	0
44	Classification of Industry 4.0 for Total Quality Management: A Review. Sustainability, 2022, 14, 3329.	3.2	9
45	LOGISWARM: A low-cost multi-robot testbed for cooperative transport research. Multimedia Tools and Applications, 2022, 81, 27339-27362.	3.9	4
46	RFID platform for construction materials management. International Journal of Construction Management, 2023, 23, 2509-2519.	3.2	3
47	Edge Computing Technology Enablers: A Systematic Lecture Study. IEEE Access, 2022, 10, 69264-69302.	4.2	15
48	Exploring the potential of 3D scanning in Industry 4.0: An overview. International Journal of Cognitive Computing in Engineering, 2022, 3, 161-171.	8.2	12
49	Biased-Randomized Discrete-Event Heuristics for Dynamic Optimization with Time Dependencies and Synchronization. Algorithms, 2022, 15, 289.	2.1	3
50	Logistics 4.0 in warehousing: aÂconceptual framework of influencing factors, benefits and barriers. International Journal of Logistics Management, 2022, 33, 193-220.	6.6	12
51	The parallel AGV scheduling problem with battery constraints: A new formulation and a matheuristic approach. European Journal of Operational Research, 2023, 307, 590-603.	5.7	10
52	Integration of artificial intelligence in robotic vehicles: A bibliometric analysis. Paladyn, 2022, 13, 110-120.	2.7	2
53	Risk Related to AGV Systems—Open-Access Literature Review. Energies, 2022, 15, 8910.	3.1	8
54	Blending Human Ware with Software and Hardware in the Design of Smart Cities. , 0, , .		1
55	Advanced, Innovative AloT and Edge Computing for Unmanned Vehicle Systems in Factories. Electronics (Switzerland), 2023, 12, 1843.	3.1	3
56	A technology assessment and implementation model for evaluating socio-cultural and technical factors for the successful deployment of Logistics 4.0 technologies. Technological Forecasting and Social Change, 2023, 190, 122469.	11.6	5
57	The forecast of the AGV battery discharging via the machine learning methods. , 2022, , .		3

CITATION REPORT

#	Article	IF	CITATIONS
58	Design and Development of Autonomous Guided Vehicle for Flexible Manufacturing. , 2022, , .		0
59	Enhancing Object Mapping in SLAM using CNN. International Journal of Next-generation Computing, 0, ,	1.1	0
60	Automated guided vehicles with a mounted serial manipulator: A systematic literature review. Heliyon, 2023, 9, e15950.	3.2	3
61	Optimal navigation for AGVs: A soft actor–critic-based reinforcement learning approach with composite auxiliary rewards. Engineering Applications of Artificial Intelligence, 2023, 124, 106613.	8.1	3
62	Resource Consumption ofÂFederated Learning Approach Applied onÂEdge IoT Devices inÂtheÂAGV Environment. Lecture Notes in Computer Science, 2023, , 492-504.	1.3	1
63	Implementing RFID Technologies for Automated Guided Vehicles in Industry 4.0. Lecture Notes in Computer Science, 2023, , 439-456.	1.3	0
64	Design and Development of Automated Guided Vehicle with Line Follower Concept using IR. , 2023, , .		0
65	Privacy and Security Through Blockchain in Industry 4.0. Advances in Information Security, Privacy, and Ethics Book Series, 2023, , 315-334.	0.5	0
66	The use of automated guided vehicles in the internal logistics of the production company. Transportation Research Procedia, 2023, 74, 458-464.	1.5	0
67	Estimating the AGV load and a battery lifetime based on the current measurement and random forest application. , 2023, , .		1
68	The Research and Development of an Educational SLAM AVG Based on Modular Design Concept. Lecture Notes in Networks and Systems, 2024, , 529-553.	0.7	0

CITATION REPORT