Zaki Sari

List of Publications by Year
in descending order

		687363	713466
51 papers	**528** citations	**13** h-index	**21** g-index
51 all docs	**51** docs citations	**51** times ranked	**307** citing authors

#	Article	IF	Citations
1	Travel-time models for flow-rack automated storage and retrieval systems. International Journal of Advanced Manufacturing Technology, 2005, 25, 979-987.	3.0	75
2	A tool for time, variance and energy related performance estimations in a shuttle-based storage and retrieval system. Applied Mathematical Modelling, 2018, 63, 109-127.	4.2	55
3	Metaheuristic based control of a flow rack automated storage retrieval system. Journal of Intelligent Manufacturing, 2012, 23, 1157-1166.	7.3	42
4	Preventive remanufacturing planning of production equipment under operational and imperfect maintenance constraints: A hybrid genetic algorithm based approach. Reliability Engineering and System Safety, 2019, 185, 546-566.	8.9	28
5	Impact of pickup/delivery stations and restoring conveyor locations on retrieval time models of flow-rack automated storage and retrieval systems. Production Planning and Control, 2007, 18, 105-116.	8.8	21
6	Performance evaluation of In-Deep Class Storage for Flow-Rack AS/RS. International Journal of Production Research, 2012, 50, 6775-6791.	7.5	21
7	Optimal dimensions minimizing expected travel time of a single machine flow rack AS/RS. Mechatronics, 2015, 31, 158-168.	3.3	21
8	Mathematical modeling of the average retrieval time for flow-rack automated storage and retrieval systems. Journal of Manufacturing Systems, 2017, 44, 165-178.	13.9	21
9	Real-time rescheduling metaheuristic algorithms applied to FMS with routing flexibility. International Journal of Advanced Manufacturing Technology, 2013, 64, 145-164.	3.0	18
10	A Generic Model for Network Design Including Remanufacturing Activities. Supply Chain Forum, 2013, 14, 4-17.	4.2	18
11	Multi-aisle AS/RS dimensions optimization for cycle time minimization. International Journal of Advanced Manufacturing Technology, 2015, 79, 675-692.	3.0	18
12	Application of a Clustering Based Location-Routing Model to a Real Agri-food Supply Chain Redesign. Studies in Computational Intelligence, 2013, , 323-331.	0.9	18
13	Continuous Models for Single and Dual Cycle Times of a Multi Aisle Automated Storage and Retrieval System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1061-1066.	0.4	16
14	A step-by-step dual cycle sequencing method for unit-load automated storage and retrieval systems. Computers and Industrial Engineering, 2012, 63, 980-984.	6.3	16
15	Design and optimization of the supply chain of agri-foods: Application distribution network of chicken meat. , 2011, , .		12
16	Newsvendor solutions with general random yield distributions. RAIRO - Operations Research, 2007, 41, 455-464.	1.8	11
17	A Genetic Algorithm for the Parallel Machine Scheduling Problem with Consumable Resources. International Journal of Applied Metaheuristic Computing, 2013, 4, 17-30.	0.7	9
18	Heuristics for solving flow shop scheduling problem under resources constraints. IFAC-PapersOnLine, 2016, 49, 1478-1483.	0.9	9

#	Article	IF	Citations
19	Uncertain fault diagnosis problem using neuro-fuzzy approach and probabilistic model for manufacturing systems. Applied Intelligence, 2018, 48, 3143-3160.	5.3	9
20	Mathematical modeling of retrieval travel time for flow-rack automated storage and retrieval systems. IFAC-PapersOnLine, 2015, 48, 1906-1911.	0.9	8
21	Comparative Study between Continuous Models and discrete models for Single Cycle Time of a Multi-Aisles Automated Storage and Retrieval System with Class Based Storage. IFAC-PapersOnLine, 2016, 49, 1341-1346.	0.9	8
22	Fault isolation in manufacturing systems based on learning algorithm and fuzzy rule selection. Neural Computing and Applications, 2019, 31, 3211-3225.	5.6	7
23	Optimisation des dimensions d'un AS/RS multi-allée basée sur un modèle analytique du temps de simple cycle. Journal Europeen Des Systemes Automatises, 2010, 44, 135-159.	0.4	7
24	Travel Time Modeling and Simulation of a Mobile Racks Automated Storage/Retrieval System. International Journal of Engineering and Technology, 0, , 420-423.	0.2	7
25	A New Curriculum for Manufacturing & Industrial Engineering and Engineering Management for BS and MS Degrees. Procedia, Social and Behavioral Sciences, 2013, 102, 560-567.	0.5	5
26	An Efficient Approach for the Reentrant Parallel Machines Scheduling Problem under Consumable Resources Constraints. International Journal of Information Systems and Supply Chain Management, 2016, 9, 1-25.	0.9	5
27	A software tool for performance metaheuristics evaluation in real time alternative routing selection in random FMSs. , 2011, , .		4
28	A Branch and Bound Algorithm to Minimize Makespan on Identical Parallel Machines with Consumable Resources. Lecture Notes in Electrical Engineering, 2012, , 217-221.	0.4	4
29	Exact and Heuristic Approaches for the Design of Automated Storage and Retrieval Systems (AS/RS). , 2019, , .		4
30	Selection of alternative routings in real time: DMM and modified DMM rules. International Journal of Product Development, 2010, 10, 241.	0.2	3
31	Renovation of a distribution network of poultry products: Application city of Tlemcen (ALGERIA). , 2011, , .		3
32	Solving an Integration Process Planning and Scheduling in a Flexible Job Shop Using a Hybrid Approach. IFIP Advances in Information and Communication Technology, 2018, , 387-398.	0.7	3
33	Fault diagnosis based on the quality effect of learning algorithm for manufacturing systems. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 801-814.	1.0	3
34	An exact optimization method based on dominance properties for the design of AS/RSs. Transportation Research, Part E: Logistics and Transportation Review, 2021, 146, 102204.	7.4	3
35	Integrated versus individual approach in products distribution networks. International Journal of Logistics Systems and Management, 2016, 25, 408.	0.2	3
36	A study on Mobil racks automated storage and retrieval system (M-AS/RS). , 2011, , .		2

#	Article	IF	Citations
37	Optimization of a Single Machine Flow Rack AS/RS for Minimum Expected Travel Time. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 57-62.	0.4	2
38	Investigations on Performance Evaluation of Scheduling Heuristics and Metaheuristics in a Parallel Machine Environment. Operations Research/ Computer Science Interfaces Series, 2016, , 191-222.	0.3	2
39	Reconfigurations of the Real Agri-foods Supply Chain with a Subcontractor to Accommodate Electronic Technology. Lecture Notes in Electrical Engineering, 2012, , 551-556.	0.4	2
40	Mobile rack AS/RS dimensions optimization for single cycle time minimization. International Journal of Advanced Manufacturing Technology, 2022, 121, 1815-1836.	3.0	2
41	An API$_m$ Algorithm to Solve the Scheduling Problem in an FMS with Presence of Breakdowns. Applied Mechanics and Materials, 2012, 232, 532-536.	0.2	1
42	Impacts of Scheduling Decisions Based On PSO Algorithm and Dispatching Rules on FMS Performances. International Journal of Applied Metaheuristic Computing, 2014, 5, 22-38.	0.7	1
43	Fauteuils roulants électriques. Modélisation du système homme-machine. Journal Europeen Des Systemes Automatises, 2009, 43, 251-262.	0.4	1
44	Production-distribution network analysis using an intelligent simulator. International Journal of Services Operations and Informatics, 2011, 6, 106.	0.3	0
45	Comparative study between methods for selection alternative routings in real time. , 2011, , .		0
46	Optimal design of two levels reverse logistic supply chain by considering the uncertain quantity of collected multi-products. , 2011, , .		0
47	Sensivity analysis of recovery rate of multi-products reverse logistic supply chain design. , 2011, , .		0
48	Interval analysis to optimise a production line of pharmaceuticals. International Journal of Logistics Systems and Management, 2013, 15, 304.	0.2	0
49	Resolution of a stochastic supply chain design problem by metaheuristic. , 2013, , .		0
50	Minimizing Makespan on Identical Parallel Machines. , 2019, , .		0
51	Tardiness minimisation heuristic for job shop scheduling under uncertainties using group sequences. International Journal of Intelligent Engineering Informatics, 2018, 6, 4.	0.1	0