Slim Hammadi

List of Publications by Year
in descending order

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61 papers	895 citations	759233 12 h-index	501196 28 g-index
67 all docs	67 docs citations	67 times ranked	769 citing authors

#	Article	IF	Citations
1	Pareto-optimality approach for flexible job-shop scheduling problems: hybridization of evolutionary algorithms and fuzzy logic. Mathematics and Computers in Simulation, 2002, 60, 245-276.	4.4	443
2	An agent-based Decision Support System for resources' scheduling in Emergency Supply Chains. Control Engineering Practice, 2017, 59, 27-43.	5.5	46
3	Choquet integral for criteria aggregation in the flexible job-shop scheduling problems. Mathematics and Computers in Simulation, 2008, 76, 447-462.	4.4	39
4	A Multi-Agent Advanced Traveler Information System for Optimal Trip Planning in a Co-Modal Framework. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2397-2412.	8.0	30
5	Hybrid approach to decision-making for job-shop scheduling. Production Planning and Control, 1999, 10, 690-706.	8.8	26
6	Urban Transport Network Regulation and Evaluation: A Fuzzy Evolutionary Approach. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2008, 38, 309-318.	2.9	25
7	Agents endowed with uncertainty management behaviors to solve a multiskill healthcare task scheduling. Journal of Biomedical Informatics, 2016, 64, 25-43.	4.3	23
8	A Tabu Search based metaheuristic for dynamic carpooling optimization. Computers and Industrial Engineering, 2020, 140, 106217.	6.3	22
9	Mapping patient path in the Pediatric Emergency Department: A workflow model driven approach. Journal of Biomedical Informatics, 2015, 54, 315-328.	4.3	19
10	A study of scheduling problem in agro-food manufacturing systems. Mathematics and Computers in Simulation, 2002, 60, 277-291.	4.4	18
11	A distributed dijkstra's algorithm for the implementation of a Real Time Carpooling Service with an optimized aspect on siblings. , 2010, , .		18
12	A multi-agent Decision Support System for optimization of co-modal transportation route planning services. , 2013, , .		15
13	An Agent-Based Distributed Scheduling For Crisis Management Supply Chain. International Journal of Computational Intelligence Systems, 2013, 6, 156.	2.7	13
14	Agent-based dynamic optimization for managing the workflow of the patient's pathway. Simulation Modelling Practice and Theory, 2019, 96, 101935.	3.8	13
15	An evolutionary approach to solve the dynamic multihop ridematching problem. Simulation, 2017, 93, 3-19.	1.8	10
16	Multi-agent information system using mobile agent negotiation based on a flexible transport ontology. , 2007, , .		9
17	A dynamic patient scheduling at the emergency department in hospitals. , 2010, , .		8
18	A novel approach based on a distributed dynamic graph modeling set up over a subdivision process to deal with distributed optimized real time carpooling requests. , 2011, , .		8

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19	Multi-Hop Ridematching optimization problem: Intelligent chromosome agent-driven approach. Expert Systems With Applications, 2016, 62, 161-176.	7.6	8
20	A migration strategy of mobile agents for the transport network applications. Mathematics and Computers in Simulation, 2008, 76, 345-362.	4.4	7
21	Vehicle Sharing Services Optimization Based on Multi-Agent Approach. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 13040-13045.	0.4	7
22	Multi-Objective Evolutionary for Multi-Skill Health Care Tasks Scheduling. IFAC-PapersOnLine, 2015, 48, 704-709.	0.9	7
23	Assignment and Integration of Distributed Transport Services in Agent-Based Architecture. , 2006, , .		6
24	The Flexible Negotiation Ontology-based Knowledge Management System: The Transport Ontology Case Study. , 2008, , .		6
25	A novel approach to developing and evaluating regulation strategies for urban transport disrupted networks. International Journal of Computer Integrated Manufacturing, 2008, 21, 480-493.	4.6	5
26	Advanced approach for the public transportation regulation system based on cybercars. RAIRO - Operations Research, 2010, 44, 85-105.	1.8	5
27	Multi-criterion Tabu Search to Solve the Dynamic Carpooling Based on the Choquet Integral Aggregation. Journal of Traffic and Logistics Engineering, 2014, 2, 126-132.	0.3	5
28	Aggregative Approach for the Multiobjective Optimization Flexible Job-Shop Scheduling Problems. , 2006, , .		4
29	Using an ontology to solve the negotiation problems in mobile agent information system. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	4
30	Combination of mobile agent and evolutionary algorithm to optimize the client transport services. RAIRO - Operations Research, 2008, 42, 35-67.	1.8	4
31	Distributed architecture for a co-modal transport system. , 2011, , .		3
32	Adaptive Collaborative Agent-Based System for Crisis Management. , 2014, , .		3
33	Intelligent Regulation Support System for Multimodal Traffic. , 2014, , .		3
34	Optimized Workflow for the Healthcare Logistic: Case of the Pediatric Emergency Department. Advances in Intelligent Systems and Computing, 2013, , 77-84.	0.6	3
35	Distributed Optimisation Using the Mobile Agent Paradigm through an Adaptable Ontology: Multi-Operator Services Research and Composition. , 0, , .		3
36	Disruption Management Optimization for Military Logistics. International Federation for Information Processing, 2011, , 61-66.	0.4	3

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37	Negotiation Protocol according to the Perturbation Impact In a Multi-agent Supply Chain System for the Crisis Management. , 2008, , .		2
38	An agent-based distributed scheduling for military logistics. , 2011, , .		2
39	An optimized dynamic carpooling system based on communicating agents operating over a distributed architecture. , 2011, , .		2
40	Distributed graphs for solving co-modal transport problems. , 2011, , .		2
41	Based-Agent Distributed Architecture to Manage the Dynamic Multi-hop Ridesharing System. , 2014, , .		2
42	Agent-based Evolutionary Cooperative Approach for Dynamic Multi-Hop Ridematching ProblemÃ•. IFAC-PapersOnLine, 2015, 48, 887-892.	0.9	2
43	A Multi-criteria Optimization Approach to Health Care Tasks Scheduling Under Resources Constraints. International Journal of Computational Intelligence Systems, 2017, 10, 419.	2.7	2
44	The Alliance between Optimization and Multi-Agent System for the Management of the Dynamic Carpooling. Advances in Intelligent Systems and Computing, 2014, , 193-202.	0.6	2
45	Transport Services System Integration and Optimization in Agent Based Model. , 2006, , .		1
46	Dynamic Reassigned Tasks during the Negotiation Process by Ontology Approach between Mobile Agents. , 2008, , .		1
47	An agent oriented information system for itineraries search using web services composition. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	1
48	A preventive anticipation model for crisis management supply chain. , 2011, , .		1
49	Combination of an Evolutionary Approach and Multi-agent Coalition in a Co-modal Transport System. Advances in Intelligent and Soft Computing, 2012, , 87-97.	0.2	1
50	Optimization of order picker path based on agent communication in warehouse logistics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 7-14.	0.4	1
51	A cubic chromosome representation for patient scheduling in the Emergency Department. RAIRO - Operations Research, 2019, 53, 1453-1474.	1.8	1
52	Multi-agent Systems and R-Trees for Dynamic and Optimised Ridesharing. , 2021, , .		1
53	A robust assessment of effective healthcare demand in the Pediatric Emergency Department. , 2014, , .		0
54	Agent-Based Coalition Formation in a Co-modal Transport System. , 2014, , .		0

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55	Mapping patient flow in the Jeanne de Flandres Hospital's operating rooms. , 2014, , .		0
56	Logistics Engineering. , 2016, , 1-53.		0
57	Health Logistics: Toward Collaborative Approaches and Tools. , 2016, , 83-109.		0
58	An Agent-Based Distributed Approach for Bike Sharing Systems. Lecture Notes in Computer Science, 2018, , 540-552.	1.3	0
59	SystÃ¨me d'aide Ã la rÃ©gulation et Ã la reconfiguration des rÃ©seaux de transports SVM et algorithme Ã colonie de fourmis. Journal Europeen Des Systemes Automatises, 2009, 43, 1121-1148.	0.4	0
60	Case Studies and Contributions to the Resolution of Logistics System-related Problems. , 2016, , 55-81.		0
61	AGENTS' COALITION FOR COLLABORATIVE WORKFLOW ORCHESTRATION OF PATIENT PATHWAY IN THE PEDIATRIC EMERGENCY DEPARTMENT. , 2016, , .		0