Khaled Ghedira

List of Publications by Year
in descending order

103	1,641	535685 17	371746 37
papers	citations	h-index	g-index

107	107	107	1558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid Biogeography-Based Optimization Algorithm for Job Shop Scheduling Problem with Time Lags and Single Transport Robot. Communications in Computer and Information Science, 2021, , 86-98.	0.4	1
2	A hybrid evolutionary approach to job-shop scheduling with generic time lags. Journal of Scheduling, 2021, 24, 329-346.	1.3	7
3	The impact of the code smells of the presentation layer on the diffuseness of aesthetic defects of Android apps. Automated Software Engineering, 2021, 28, 1.	2.2	10
4	A Decentralized Approach to the Home Healthcare Problem. , 2021, , 153-173.		0
5	Assessing the quality of mobile graphical user interfaces using multi-objective optimization. Soft Computing, 2020, 24, 7685-7714.	2.1	16
6	A review of job shop scheduling problems in multi-factories. International Journal of Operational Research, 2020, 38, 147.	0.1	5
7	A modified biogeography-based optimization algorithm with improved mutation operator for job shop scheduling problem with time lags. Logic Journal of the IGPL, 2020, , .	1.3	5
8	Parallel Scheduling Subject to Release Dates and Delivery Times Under the Non-idling Constraint. Lecture Notes in Electrical Engineering, 2020, , 135-149.	0.3	0
9	A New Combination of Diversity Techniques in Ensemble Classifiers for Handling Complex Concept Drift. Studies in Big Data, 2019, , 39-61.	0.8	8
10	Impact of decentralization, negotiation policies, and conflict management rules on the caregiversâ€™ toursâ€™ problem. International Journal of Healthcare Management, 2019, , 1-16.	1.2	0
11	A novel dynamic assignment rule for the distributed job shop scheduling problem using a hybrid ant-based algorithm. Applied Intelligence, 2019, 49, 1903-1924.	3.3	42
12	Securing Mobile Agents, Stationary Agents and Places in Mobile Agents Systems. Smart Innovation, Systems and Technologies, 2019, , 97-109.	0.5	2
13	Weighted utility based recommender for e-procurement in handicraft communities. , 2019, , .		0
14	Controlling a Single Transport Robot in a Flexible Job Shop Environment by Hybrid Metaheuristics. Lecture Notes in Computer Science, 2018, , 93-115.	1.0	3
15	Discussion and review on evolving data streams and concept drift adapting. Evolving Systems, 2018, 9, 1-23.	2.4	149
16	Solving the flexible job shop problem by hybrid metaheuristics-based multiagent model. Journal of Industrial Engineering International, 2018, 14, 1-14.	1.8	43
17	Solving Distributed and Flexible Job shop Scheduling Problem using a Chemical Reaction Optimization metaheuristic. Procedia Computer Science, 2018, 126, 1424-1433.	1.2	23
18	Multi-agent model based on combination of chemical reaction optimisation metaheuristic with Tabu search for flexible job shop scheduling problem. International Journal of Intelligent Engineering Informatics, 2018, 6, 242.	0.1	10

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19	A Multi-Agent Based Optimization Method for Combinatorial Optimization Problems. International Journal on Artificial Intelligence Tools, 2018, 27, 1850021.	0.7	5
20	A Monitoring based Multi-Agent Filtering Approach for Web Service Selection. , 2018, , .		0
21	A Survey of Optimization Techniques for Distributed Job Shop Scheduling Problems in Multi-factories. Advances in Intelligent Systems and Computing, 2017, , 369-378.	0.5	12
22	Towards a Distributed Implementation of Chemical Reaction Optimization for the Multi-factory Permutation Flowshop Scheduling Problem. Procedia Computer Science, 2017, 112, 1531-1541.	1.2	11
23	Multi Agent model based on Chemical Reaction Optimization with Greedy algorithm for Flexible Job shop Scheduling Problem. Procedia Computer Science, 2017, 112, 81-90.	1.2	24
24	A Multi-Agent based Hyper-Heuristic Algorithm for the Winner Determination Problem. Procedia Computer Science, 2017, 112, 117-126.	1.2	6
25	A Modified Ant Colony Optimization algorithm for the Distributed Job shop Scheduling Problem. Procedia Computer Science, 2017, 112, 296-305.	1.2	44
26	A novel chemical reaction optimization for the distributed permutation flowshop scheduling problem with makespan criterion. Computers and Industrial Engineering, 2017, 111, 239-250.	3.4	109
27	DOC-BRelax: A new multi-agent system to solve Distributed Constraint Optimization Problems. Future Generation Computer Systems, 2017, 73, 44-51.	4.9	1
28	Chemical reaction optimization metaheuristic with greedy algorithm for flexible job shop scheduling problem. , 2017, , .		0
29	Combining genetic algorithm and tabu search metaheuristic for job shop scheduling problem with generic time lags. , 2017, , .		4
30	Decentralized Tabu Searches in Multi Agent System for Distributed and Flexible Job Shop Scheduling Problem. , 2017, , .		5
31	A Multi-agent Model Based on Hybrid Genetic Algorithm for Job Shop Scheduling Problem with Generic Time Lags. , 2017, , .		4
32	Elitist Ant System for the Distributed Job Shop Scheduling Problem. Lecture Notes in Computer Science, 2017, , 112-117.	1.0	6
33	Competitive Agents Implementing Parallel Tabu Searches for Job Shop Scheduling Problem with Time Lags. , 2017, , .		5
34	Weaknesses of Ant System for the Distributed Job Shop Scheduling Problem. , 2017, , .		3
35	A Novel Clustering Algorithm Based on Agent Technology for VANET. Network Protocols and Algorithms, 2016, 8, 1.	1.0	14
36	A new metaheuristic for the Home Health Care Problem: Caregivers tours and conflict visits. , 2016, , .		3

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37	Minimizing makespan in multi-factory flow shop problem using a chemical reaction metaheuristic. , 2016, , .		9
38	Hybrid metaheuristics for scheduling of machines and transport robots in job shop environment. Applied Intelligence, 2016, 45, 808-828.	3.3	41
39	Towards Behavioral Web Service Discovery Approach: State of the Art. Procedia Computer Science, 2016, 96, 1049-1058.	1.2	4
40	A new proposal for a multi-objective technique using SMPSO and Tabu search. , 2016, , .		0
41	Simultaneous scheduling of machines and transport robots in flexible job shop environment using hybrid metaheuristics based on clustered holonic multiagent model. Computers and Industrial Engineering, 2016, 102, 488-501.	3.4	85
42	A hybrid particle swarm approach based on Tribes and tabu search for multi-objective optimization. Optimization Methods and Software, 2016, 31, 204-231.	1.6	3
43	A Distributed Hybrid Algorithm for the Graph Coloring Problem. Lecture Notes in Computer Science, 2016, , 205-218.	1.0	2
44	Agent based modeling and simulation for events hybrid recommendation. , 2015, , .		0
45	Literature review: Home health care. , 2015, , .		5
46	Preference Incorporation in Evolutionary Multiobjective Optimization. Advances in Computers, 2015, 98, 141-207.	1.2	75
47	Self-Adaptive Windowing Approach for Handling Complex Concept Drift. Cognitive Computation, 2015, 7, 772-790.	3.6	28
48	A Metaheuristic Hybridization Within a Holonic Multiagent Model for the Flexible Job Shop Problem. Lecture Notes in Computer Science, 2015, , 269-281.	1.0	0
49	Web service discovery based on behavioral aspects. , 2015, , .		2
50	A Conceptual Approach to Place Security in Systems of Mobile Agents. Lecture Notes in Computer Science, 2015, , 154-170.	1.0	2
51	New Multi-Objective Approach for the Home Care Service Problem Based on Scheduling Algorithms and Variable Neighborhood Descent. Electronic Notes in Discrete Mathematics, 2015, 47, 181-188.	0.4	32
52	A Variable Neighborhood Search for the Vehicle Routing Problem with Time Windows and Preventive Maintenance Activities. Electronic Notes in Discrete Mathematics, 2015, 47, 229-236.	0.4	12
53	Metaheuristics based on Clustering in a Holonic Multiagent Model for the Flexible Job Shop Problem. , 2015, , .		2
54	Hybrid Metaheuristics within a Holonic Multiagent Model for the Flexible Job Shop Problem. Procedia Computer Science, 2015, 60, 83-92.	1.2	14

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55	A multi-agent based optimization method applied to the quadratic assignment problem. Expert Systems With Applications, 2015, 42, 9252-9262.	4.4	22
56	Agent's Security During Communication in Mobile Agents System. Procedia Computer Science, 2015, 60, 17-26.	1.2	10
57	A novel framework for bindings synchronization of Web services. Service Oriented Computing and Applications, 2015, 9, 59-74.	1.3	2
58	User Requirement and Behavioral Aspects in Web Service Discovery. , 2015, , .		1
59	Ontology based Multi Agent System for Improved Procurement Process: Application for the Handicraft Domain. Procedia Computer Science, 2014, 35, 251-260.	1.2	7
60	Distributed and Guided Genetic Algorithm for Humanitarian Relief Planning in Disaster Case. Advances in Intelligent Systems and Computing, 2014, , 149-156.	0.5	0
61	How to select dynamically a QoS-driven composite web service by a multi-agent system using CBR method. International Journal of Wireless and Mobile Computing, 2014, 7, 327.	0.1	4
62	Variable Neighborhood Search based Set Covering ILP Model for the Vehicle Routing Problem with Time Windows. Procedia Computer Science, 2014, 29, 844-854.	1.2	14
63	A Recombination-Based Tabu Search Algorithm for the Winner Determination Problem. Lecture Notes in Computer Science, 2014, , 157-167.	1.0	6
64	Vehicle routing problem with time windows under availability constraints. , 2013, , .		3
65	An energy-efficient self-provisioning approach for cloud resources management. Operating Systems Review (ACM), 2013, 47, 2-9.	1.5	6
66	Explanation language syntax for Multi-Agent Systems. , 2013, , .		3
67	Intra-agent Explanation Using Temporal and Extended Causal Maps. Procedia Computer Science, 2013, 22, 241-249.	1.2	4
68	Load balancing a priori strategy for the probabilistic weighted flowtime problem. Computers and Industrial Engineering, 2013, 64, 1-10.	3.4	1
69	A Multi-agent Approach for Routing on Vehicular Ad-Hoc Networks. Procedia Computer Science, 2013, 19, 578-585.	1.2	10
70	QoS Synchronization of Web Services: A Multi Agent-Based Model. Advances in Intelligent Systems and Computing, 2013, , 401-408.	0.5	0
71	A distributed approach for the resolution of a stochastic dial a Ride Problem. , 2013, , .		2
72	Causal Maps for Explanation in Multi-Agent System. Advances in Intelligent Systems and Computing, 2013, , 183-191.	0.5	3

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73	Distributed genetic algorithm for disaster relief planning. International Journal of Computers, Communications and Control, 2013, 8, 769.	1.2	14
74	Evaluation by simulation to optimise information systemsâ€™ personalisation quality in logistics. International Journal of Production Research, 2012, 50, 3579-3593.	4.9	4
75	AFAWS: An Agent based Framework for Autonomic Web Services. Multiagent and Grid Systems, 2012, 8, 45-68.	0.5	6
76	Combining Tabu Search and Genetic Algorithm in a Multi-agent System for Solving Flexible Job Shop Problem. , 2012, , .		10
77	An Agent-Based Approach for Binding Synchronization of Web Services. Procedia Computer Science, 2012, 10, 921-926.	1.2	5
78	Unsupervised Neural Predictor to Auto-administrate the Cloud Infrastructure. , 2012, , .		3
79	AWS-Policy: An Extension for Autonomic Web Service Description. Procedia Computer Science, 2012, 10, 915-920.	1.2	6
80	Searching for knee regions of the Pareto front using mobile reference points. Soft Computing, 2011, 15, 1807-1823.	2.1	69
81	Negotiating decision makers' reference points for group preference-based Evolutionary Multi-objective Optimization. , 2011, , .		19
82	Transient inter-production scheduling based on Petri nets and constraint programming. International Journal of Production Research, 2011, 49, 6591-6608.	4.9	5
83	A priori parallel machines scheduling. Computers and Industrial Engineering, 2010, 58, 488-500.	3.4	12
84	The r-Dominance: A New Dominance Relation for Interactive Evolutionary Multicriteria Decision Making. IEEE Transactions on Evolutionary Computation, 2010, 14, 801-818.	7.5	268
85	Exact resolution of the one-machine sequencing problem with no machine idle time. Computers and Industrial Engineering, 2010, 59, 193-199.	3.4	18
86	Searching for knee regions in multi-objective optimization using mobile reference points. , 2010, , .		34
87	Estimating nadir point in multi-objective optimization using mobile reference points. , 2010, , .		20
88	PECoDiM: An Agent Based Framework for Autonomic Web Services. , 2010, , .		4
89	CBR Method for Web Service Composition. Lecture Notes in Computer Science, 2009, , 314-326.	1.0	7
90	Data warehouse access using multi-agent system. Distributed and Parallel Databases, 2009, 25, 29-45.	1.0	2

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91	A DISTRIBUTED MULTI-CRITERIA APPROACH FOR TRAFFIC REGULATION IN PUBLIC TRANSPORTATION SYSTEMS. Applied Artificial Intelligence, 2009, 23, 599-632.	2.0	4
92	MA-UML: a conceptual approach for mobile agents' modelling. International Journal of Agent Oriented Software Engineering, 2009, 3, 277.	0.1	7
93	Evolutionary multiobjective optimization of the multi-location transshipment problem. Operational Research, 2008, 8, 167-183.	1.3	18
94	New local diversification techniques for flexible job shop scheduling problem with a multi-agent approach. Autonomous Agents and Multi-Agent Systems, 2008, 17, 270-287.	1.3	56
95	Distributed decision evaluation model in public transportation systems. Engineering Applications of Artificial Intelligence, 2008, 21, 419-429.	4.3	12
96	DOC. , 2008, , .		5
97	PHC-NSGA-II: A Novel Multi-objective Memetic Algorithm for Continuous Optimization. , 2008, , .		11
98	Agent Based Dynamic Data Storage and Distribution in Data Warehouses. Lecture Notes in Computer Science, 2007, , 375-384.	1.0	1
99	Coordination based Multiple Criteria Decision Making. Journal of Decision Systems, 2007, 16, 37-56.	2.2	3
100	A distributed transient inter-production scheduling for flexible manufacturing systems. Journal Europeen Des Systemes Automatises, 2007, 41, 101-123.	0.3	7
101	Flexible job-shop scheduling with multi-agent system and tabu search. Journal Europeen Des Systemes Automatises, 2004, 38, 759-772.	0.3	2
102	D2G2A: A Distributed Double Guided Genetic Algorithm for Max_CSPs. Lecture Notes in Computer Science, 2003, , 422-429.	1.0	5
103	A Distributed Guided Genetic Algorithm for Max-CSPs. Revue D'Intelligence Artificielle, 2002, 16, 367-382.	0.5	4