

Moamin A Mahmoud

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

777
citations

516561

16
h-index

580701

25
g-index

73
all docs

73
docs citations

73
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Data Fusion Methods for Real-Time and Multi-Sensor Traffic Flow Analysis. IEEE Access, 2021, 9, 51258-51276.	2.6	64
2	Factors that Influence the Acceptance of Internet of Things Services by Customers of Telecommunication Companies in Jordan. Journal of Organizational and End User Computing, 2018, 30, 51-63.	1.6	59
3	A fuzzy logic control in adjustable autonomy of a multi-agent system for an automated elderly movement monitoring application. International Journal of Medical Informatics, 2018, 112, 173-184.	1.6	52
4	From 5G to 6G Technology: Meets Energy, Internet-of-Things and Machine Learning: A Survey. Applied Sciences (Switzerland), 2021, 11, 8117.	1.3	44
5	A Review of Norms and Normative Multiagent Systems. Scientific World Journal, The, 2014, 2014, 1-23.	0.8	38
6	An Adaptive Protection of Flooding Attacks Model for Complex Network Environments. Security and Communication Networks, 2021, 2021, 1-17.	1.0	38
7	A Review of Factors Influencing Customer Acceptance of Internet of Things Services. International Journal of Information Systems in the Service Sector, 2019, 11, 54-67.	0.2	30
8	Improving Efficiency and Effectiveness of Robotic Process Automation in Human Resource Management. Sustainability, 2022, 14, 3920.	1.6	30
9	Bat Optimized Link State Routing Protocol for Energy-Aware Mobile Ad-Hoc Networks. Symmetry, 2019, 11, 1409.	1.1	28
10	Comprehensive review of retinal blood vessel segmentation and classification techniques: intelligent solutions for green computing in medical images, current challenges, open issues, and knowledge gaps in fundus medical images. Network Modeling Analysis in Health Informatics and Bioinformatics, 2021, 10, 1.	1.2	28
11	The Current State of the Art in Research on Predictive Maintenance in Smart Grid Distribution Network: Faults Types, Causes, and Prediction Methods A Systematic Review. Energies, 2021, 14, 5078.	1.6	27
12	Development and implementation of a technique for norms-adaptable agents in open multi-agent communities. Journal of Systems Science and Complexity, 2016, 29, 1519-1537.	1.6	21
13	An Automated Image Segmentation and Useful Feature Extraction Algorithm for Retinal Blood Vessels in Fundus Images. Electronics (Switzerland), 2022, 11, 1295.	1.8	19
14	A norms mining approach to norms detection in multi-agent systems. , 2012, , .		17
15	Potential Norms Detection in Social Agent Societies. Advances in Intelligent Systems and Computing, 2013, , 419-428.	0.5	17
16	A Multi-agent Framework for Research Supervision Management. Advances in Intelligent Systems and Computing, 2015, , 129-136.	0.5	17
17	A Norm Assimilation Approach for Multi-agent Systems in Heterogeneous Communities. Lecture Notes in Computer Science, 2016, , 354-363.	1.0	17
18	Automated Multi-agent Negotiation Framework for the Construction Domain. Advances in Intelligent Systems and Computing, 2015, , 203-210.	0.5	16

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19	Building Norms-Adaptable Agents from Potential Norms Detection Technique (PNDT). International Journal of Intelligent Information Technologies, 2013, 9, 38-60.	0.5	16
20	Norms Detection and Assimilation in Multi-agent Systems: A Conceptual Approach. Communications in Computer and Information Science, 2012, , 226-233.	0.4	15
21	Towards the Development of Smart and Sustainable Transportation System for Foodservice Industry: Modelling Factors Influencing Customer's Intention to Adopt Drone Food Delivery (DFD) Services. Sustainability, 2022, 14, 2852.	1.6	15
22	Comprehensive Review of Machine Learning (ML) in Image Defogging: Taxonomy of Concepts, Scenes, Feature Extraction, and Classification techniques. IET Image Processing, 2022, 16, 289-310.	1.4	13
23	The Use of Swarms of Unmanned Aerial Vehicles in Mitigating Area Coverage Challenges of Forest-Fire-Extinguishing Activities: A Systematic Literature Review. Forests, 2022, 13, 811.	0.9	11
24	A classification of emotions study in software agent and robotics applications research. , 2015, , .		10
25	An Emotion-based Model for Improving Students's Engagement using Agent-based Social Simulator. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 952.	0.2	9
26	A self-adaptive customer-oriented framework for intelligent strategic marketing: A multi-agent system approach to website development for learning institutions. , 2015, , .		8
27	A conceptual emotion-based model to improve students engagement in a classroom using agent-based social simulation. , 2016, , .		8
28	A Generic Evaluation Framework of Smart Manufacturing Systems. Procedia Computer Science, 2019, 161, 1292-1299.	1.2	8
29	A Development Methodology Framework of Smart Manufacturing Systems (Industry 4.0). International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 1927-1932.	0.2	8
30	Norm-Based Behavior Regulating Technique for Multi-Agent in Complex Adaptive Systems. IEEE Access, 2019, 7, 126662-126678.	2.6	7
31	A Comprehensive Review on the Behaviour of Motorcyclists: Motivations, Issues, Challenges, Substantial Analysis and Recommendations. International Journal of Environmental Research and Public Health, 2022, 19, 3552.	1.2	7
32	A framework for resolving task overload problems using intelligent software agents. , 2011, , .		6
33	Modeling Motorcyclists's Aggressive Driving Behavior Using Computational and Statistical Analysis of Real-Time Driving Data to Improve Road Safety and Reduce Accidents. International Journal of Environmental Research and Public Health, 2022, 19, 7704.	1.2	6
34	A prototype for context identification of scientific papers via agent-based text mining. , 2016, , .		5
35	A Simulator's Specifications for Studying Students's Engagement in a Classroom. Advances in Intelligent Systems and Computing, 2018, , 206-214.	0.5	5
36	A multi-agent framework for dynamic task assignment and delegation in task distribution. , 2012, , .		4

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37	Evaluating students engagement in classrooms using agent-based social simulation. , 2016, , .		4
38	Towards the Adoption of Smart Manufacturing Systems: A Development Framework. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	4
39	An Automated Negotiation-based Framework via Multi-Agent System for the Construction Domain. International Journal of Interactive Multimedia and Artificial Intelligence, 2015, 3, 23.	1.0	4
40	A Conceptual Automated Negotiation Model for Decision Making in the Construction Domain. Advances in Intelligent Systems and Computing, 2016, , 13-21.	0.5	4
41	How New Individuals Behave in a Heterogeneous Community: A Computational Approach to Norm Assimilation Using Agent-Based Systems. Journal of Systems Science and Complexity, 2020, 33, 849-881.	1.6	3
42	Norms Benefit Awareness in Open Normative Multi-agent Communities: A Conceptual Framework. Advances in Intelligent Systems and Computing, 2014, , 209-217.	0.5	3
43	An Adjustable Autonomy Management Module for Multi-agent Systems. Procedia Computer Science, 2017, 124, 125-133.	1.2	2
44	Description for Smart Grid: Towards the Ontological Approach. , 2020, , .		2
45	A review of Smart Grid Technology, Components, and Implementation. , 2020, , .		2
46	Optimal Environmental Simulation Settings to Observe Exceptional Events in Social Agent Societies. Journal of Artificial Intelligence, 2013, 6, 191-209.	0.7	2
47	Norms Disappearance in Open Normative Multi-agent Communities: A Conceptual Framework. Advances in Intelligent Systems and Computing, 2014, , 233-243.	0.5	2
48	Research Supervision Management Via A Multi-Agent Framework. Advances in Distributed Computing and Artificial Intelligence Journal, 2014, 3, 24-34.	1.1	2
49	A Negotiation Algorithm for Decision-Making in the Construction Domain. Advances in Intelligent Systems and Computing, 2018, , 115-123.	0.5	2
50	A Regulative Norms Mining Algorithm for Complex Adaptive System. Advances in Intelligent Systems and Computing, 2018, , 213-224.	0.5	2
51	Towards the Development of a Smart Energy Grid. Advances in Intelligent Systems and Computing, 2020, , 673-682.	0.5	2
52	Trusting norms in normative multi-agent systems. , 2014, , .		1
53	A multi-agent framework for funded research supervision. , 2015, , .		1
54	A Text Mining Algorithm Optimising the Determination of Relevant Studies. , 2018, , .		1

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55	Value Management-based Alternatives Ranking Approach for Automated Negotiation. <i>Procedia Computer Science</i> , 2019, 161, 607-614.	1.2	1
56	The Semantics of Norms Mining in Multi-agent Systems. <i>Lecture Notes in Computer Science</i> , 2012, , 425-435.	1.0	1
57	Identification of Factors Influencing Customer Acceptance and Use of IoT Services. <i>Advanced Science Letters</i> , 2018, 24, 7428-7432.	0.2	1
58	A qualitative analysis of human-agent functions for collaborative multi-agent system. , 2014, , .		0
59	A proposed norms' benefits awareness framework for norms adoption. , 2014, , .		0
60	Computing norm's benefit awareness via norm adoption ratio and norm morality. , 2015, , .		0
61	Development of spawning and mobility model for heavyweight software agent. , 2015, , .		0
62	A new model of agent spawning and mobility. , 2016, , .		0
63	A computational model of a norm's yield. , 2016, , .		0
64	A Conceptual Multi-agent Semantic Web Model of a self-adaptive website for intelligent strategic marketing in learning institutions. , 2016, , .		0
65	An Approach to Norms Assimilation in Normative Multi-agent Systems. <i>Studies in Computational Intelligence</i> , 2014, , 13-23.	0.7	0
66	Norms-Adaptable Agents for Open Multi-Agent Systems. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2018, , 78-104.	0.4	0
67	Analysis of the Publications on Ontology-Based Smart Grid Applications: A Bird's Eye View. <i>Communications in Computer and Information Science</i> , 2020, , 491-502.	0.4	0
68	A Brief Understanding on Smart Grid Technology. <i>Journal of Computational and Theoretical Nanoscience</i> , 2020, 17, 2866-2868.	0.4	0
69	Academic Emotions Review: Types, Triggers, Reactions, and Computational Models. , 2020, , .		0
70	An Evaluation Model of Smart Manufacturing System Configurations Prior to Implementation Using Fuzzy Logic. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2560.	1.3	0