Heba A Kurdi

List of Publications by Year
in descending order

72 papers	900 citations	471371 17 h-index	526166 27 g-index
72 all docs	72 docs citations	72 times ranked	822 citing authors

#	Article	IF	Citations
1	Classification of Mammogram Masses Using GLCM on LBP and Non-overlapping Blocks of Varying Sizes. Lecture Notes in Networks and Systems, 2022, , 253-266.	0.5	2
2	AntTrust: An Ant-Inspired Trust Management System for Peer-to-Peer Networks. Sensors, 2022, 22, 533.	2.1	4
3	Crowd Evacuation in Hajj Stoning Area: Planning through Modeling and Simulation. Sustainability, 2022, 14, 2278.	1.6	3
4	Fish-Inspired Heuristics: A Survey of the State-of-the-Art Methods. Archives of Computational Methods in Engineering, 2022, 29, 3655-3675.	6.0	3
5	Incremental Ant-Miner Classifier for Online Big Data Analytics. Sensors, 2022, 22, 2223.	2.1	0
6	A balanced evacuation algorithm for facilities with multiple exits. European Journal of Operational Research, 2021, 289, 285-296.	3.5	21
7	HadithTrust: Trust Management Approach Inspired by Hadith Science for Peer-to-Peer Platforms. Electronics (Switzerland), 2021, 10, 1442.	1.8	4
8	Managing Trust and Detecting Malicious Groups in Peer-to-Peer IoT Networks. Sensors, 2021, 21, 4484.	2.1	2
9	Emergency Planning for UAV-Controlled Crowd Evacuations. Applied Sciences (Switzerland), 2021, 11, 9009.	1.3	3
10	Early Detection of Red Palm Weevil, Rhynchophorus ferrugineus (Olivier), Infestation Using Data Mining. Plants, 2021, 10, 95.	1.6	14
11	Impact of Dataset Size on Classification Performance: An Empirical Evaluation in the Medical Domain. Applied Sciences (Switzerland), 2021, 11, 796.	1.3	129
12	Autonomous task allocation for multi-UAV systems based on area-restricted search behavior in animals. Procedia Computer Science, 2021, 191, 246-253.	1.2	3
13	Face Gender Recognition in the Wild: An Extensive Performance Comparison of Deep-Learned, Hand-Crafted, and Fused Features with Deep and Traditional Models. Applied Sciences (Switzerland), 2021, 11, 89.	1.3	16
14	Fish-Inspired Task Allocation Algorithm for Multiple Unmanned Aerial Vehicles in Search and Rescue Missions. Remote Sensing, 2021, 13, 27.	1.8	23
15	Tide-Inspired Path Planning Algorithm for Autonomous Vehicles. Remote Sensing, 2021, 13, 4644.	1.8	2
16	OneByOne (OBO): A Fast Sorting Algorithm. Procedia Computer Science, 2020, 175, 270-277.	1.2	4
17	Comparative performance study of classification models for image-splicing detection. Procedia Computer Science, 2020, 175, 278-285.	1.2	7
18	An Adjusted Free-Market-Inspired Approach to Mitigate Free-Riding Behavior in Peer-to-Peer Fog Computing. Electronics (Switzerland), 2020, 9, 2027.	1.8	1

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19	WhatsTrust: A Trust Management System for WhatsApp. Electronics (Switzerland), 2020, 9, 2190.	1.8	4
20	Lightweight Building of an Electroencephalogram-Based Emotion Detection System. Brain Sciences, 2020, 10, 781.	1.1	14
21	COVID-19 Spread in Saudi Arabia: Modeling, Simulation and Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 7744.	1.2	26
22	A Modified Degree Discount Heuristic for Influence Maximization in Social Networks. Procedia Computer Science, 2020, 170, 311-316.	1.2	6
23	A Preprocessing Technique for Fast Convex Hull Computation. Procedia Computer Science, 2020, 170, 317-324.	1.2	8
24	A Mobile Platform for Social Media Filters. Procedia Computer Science, 2020, 170, 297-302.	1.2	0
25	Bee-inspired task allocation algorithm for multi-UAV search and rescue missions. International Journal of Bio-Inspired Computation, 2020, 16, 252.	0.6	1
26	Service-Sharing Approach Using a Mutual Exclusion Algorithm for Smart Cashier Systems. , 2019, , .		0
27	Wajeez: An Extractive Automatic Arabic Text Summarisation System. Lecture Notes in Computer Science, 2019, , 3-14.	1.0	2
28	Adaptive task allocation for multi-UAV systems based on bacteria foraging behaviour. Applied Soft Computing Journal, 2019, 83, 105643.	4.1	38
29	HealthyBroker: A Trustworthy Blockchain-Based Multi-Cloud Broker for Patient-Centered eHealth Services. Electronics (Switzerland), 2019, 8, 602.	1.8	39
30	An energy-efficient gossiping protocol for wireless sensor networks using Chebyshev distance. Procedia Computer Science, 2019, 151, 1066-1071.	1.2	5
31	Cuckoo-inspired Job Scheduling Algorithm for Cloud Computing. Procedia Computer Science, 2019, 151, 1078-1083.	1.2	10
32	Enhanced Distance-Based Gossip Protocols for Wireless Sensor Networks. , 2019, , .		5
33	A Systematic Approach to Identify an Appropriate Classifier for Limited-Sized Data Sets. , 2019, , .		0
34	A lightweight trust management algorithm based on subjective logic for interconnected cloud computing environments. Journal of Supercomputing, 2019, 75, 3534-3554.	2.4	31
35	Selecting Accurate Classifier Models for a MERS-CoV Dataset. Advances in Intelligent Systems and Computing, 2019, , 1070-1084.	0.5	6
36	A Tweet-Ranking System Using Sentiment Scores and Popularity Measures. Communications in Computer and Information Science, 2019, , 162-169.	0.4	1

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37	A Neural Network-Based Trust Management System for Edge Devices in Peer-to-Peer Networks. Computers, Materials and Continua, 2019, 59, 805-816.	1.5	23
38	A Credit-Based Approach for Overcoming Free-Riding Behaviour in Peer-to-Peer Networks. Computers, Materials and Continua, 2019, 59, 15-29.	1.5	3
39	A Hierarchical Trust Model for Peer-to-Peer Networks. Computers, Materials and Continua, 2019, 59, 397-404.	1.5	4
40	Securing mHealth Applications Using IoTsecM Security Modelling: Dentify.Me mApp Case Study for Urgent Care Management. Computacion Y Sistemas, 2019, 23, .	0.2	0
41	Effect of exit placement on evacuation plans. European Journal of Operational Research, 2018, 269, 749-759.	3.5	43
42	EERP: An enhanced EigenTrust algorithm for reputation management in peer-to-peer networks. Procedia Computer Science, 2018, 141, 490-495.	1.2	7
43	A Multi-UAV Task Allocation Algorithm Combatting Red Palm Weevil Infestation. Procedia Computer Science, 2018, 141, 88-95.	1.2	7
44	Red blood cell segmentation by thresholding and Canny detector. Procedia Computer Science, 2018, 141, 327-334.	1.2	28
45	Context-Aware Gossip-Based Protocol for Internet of Things Applications. Sensors, 2018, 18, 2233.	2.1	4
46	MultiCuckoo: Multi-Cloud Service Composition Using a Cuckoo-Inspired Algorithm for the Internet of Things Applications. IEEE Access, 2018, 6, 56737-56749.	2.6	29
47	TrustyFeer: A Subjective Logic Trust Model for Smart City Peer-to-Peer Federated Clouds. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	0.8	17
48	Autonomous task allocation for multi-UAV systems based on the locust elastic behavior. Applied Soft Computing Journal, 2018, 71, 110-126.	4.1	44
49	LACE: A Locust-Inspired Scheduling Algorithm to Reduce Energy Consumption in Cloud Datacenters. IEEE Access, 2018, 6, 35435-35448.	2.6	19
50	Hybrid Resource Discovery Algorithms for Unstructured Peer-to-Peer Networks. Procedia Computer Science, 2017, 109, 289-296.	1.2	6
51	A Fast Genetic Algorithm-based Evacuation Plan Generator. Procedia Computer Science, 2017, 109, 994-998.	1.2	6
52	SFCS-Broker: Supporting Feedback Credibility Brokering Service for Multiple Clouds Environments. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 567-576.	0.5	0
53	A QoS-aware and energy-efficient genetic resource allocation algorithm for cloud data centers. , 2017, , .		3
54	Design and implementation of mobile cloud tourism application. , 2017, , .		6

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55	Face recognition under varying illumination based on homomorphic filter and local binary patterns. , 2017, , .		3
56	Impacts of VPNs and Firewalls on Public Cloud Performance. , 2017, , .		1
57	AuthenticPeer++: A Trust Management System for P2P Networks. , 2017, , .		3
58	Enhancing Video Streaming Services by Studying Distance Impact on the QoS in Cloud Computing Environments. Lecture Notes on Data Engineering and Communications Technologies, 2017, , 243-251.	0.5	1
59	Green algorithm to reduce the energy consumption in cloud computing data centres. , 2016, , .		8
60	Bio-Inspired Algorithm for Task Allocation in Multi-UAV Search and Rescue Missions. , 2016, , .		19
61	HonestPeer: An enhanced EigenTrust algorithm for reputation management in P2P systems. Journal of King Saud University - Computer and Information Sciences, 2015, 27, 315-322.	2.7	23
62	A combinatorial optimization algorithm for multiple cloud service composition. Computers and Electrical Engineering, 2015, 42, 107-113.	3.0	60
63	AuthenticPeer: A Reputation Management System for Peer-to-Peer Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 637831.	1.3	7
64	Design and Implementation of a Mobile Cloud Environmental Application for Riyadh City. Lecture Notes in Computer Science, 2015, , 380-389.	1.0	0
65	An Algorithm for Handling Starvation and Resource Rejection in Public Clouds. Procedia Computer Science, 2014, 34, 242-248.	1.2	5
66	A Hybrid Approach for Scheduling Virtual Machines in Private Clouds. Procedia Computer Science, 2014, 34, 249-256.	1.2	6
67	Towards a Friendly User Interface on the Cloud. Lecture Notes in Computer Science, 2014, , 148-157.	1.0	1
68	Performance Analysis of Load Balancing Architectures in Cloud Computing. , 2013, , .		20
69	Evaluating Firewall Models for Hybrid Clouds. , 2013, , .		4
70	myPDA: A Mobile Healthcare Application for Personal Diet Assisting. , 2012, , .		6
71	Taxonomy of Grid Systems. , 2010, , 20-43.		3
72	A Classification of Emerging and Traditional Grid Systems. IEEE Distributed Systems Online, 2008, 9, 1-1.	0.5	44