

# Heba A Kurdi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/531618/publications.pdf>

Version: 2024-02-01

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	Impact of Dataset Size on Classification Performance: An Empirical Evaluation in the Medical Domain. Applied Sciences (Switzerland), 2021, 11, 796.	1.3	129
2	A combinatorial optimization algorithm for multiple cloud service composition. Computers and Electrical Engineering, 2015, 42, 107-113.	3.0	60
3	A Classification of Emerging and Traditional Grid Systems. IEEE Distributed Systems Online, 2008, 9, 1-1.	0.5	44
4	Autonomous task allocation for multi-UAV systems based on the locust elastic behavior. Applied Soft Computing Journal, 2018, 71, 110-126.	4.1	44
5	Effect of exit placement on evacuation plans. European Journal of Operational Research, 2018, 269, 749-759.	3.5	43
6	HealthyBroker: A Trustworthy Blockchain-Based Multi-Cloud Broker for Patient-Centered eHealth Services. Electronics (Switzerland), 2019, 8, 602.	1.8	39
7	Adaptive task allocation for multi-UAV systems based on bacteria foraging behaviour. Applied Soft Computing Journal, 2019, 83, 105643.	4.1	38
8	A lightweight trust management algorithm based on subjective logic for interconnected cloud computing environments. Journal of Supercomputing, 2019, 75, 3534-3554.	2.4	31
9	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
10	Red blood cell segmentation by thresholding and Canny detector. Procedia Computer Science, 2018, 141, 327-334.	1.2	28
11	COVID-19 Spread in Saudi Arabia: Modeling, Simulation and Analysis. International Journal of Environmental Research and Public Health, 2020, 17, 7744.	1.2	26
12	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
13	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
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	A balanced evacuation algorithm for facilities with multiple exits. European Journal of Operational Research, 2021, 289, 285-296.	3.5	21
16	Performance Analysis of Load Balancing Architectures in Cloud Computing. , 2013, , .		20
17	Bio-Inspired Algorithm for Task Allocation in Multi-UAV Search and Rescue Missions. , 2016, , .		19
18	LACE: A Locust-Inspired Scheduling Algorithm to Reduce Energy Consumption in Cloud Datacenters. IEEE Access, 2018, 6, 35435-35448.	2.6	19

#	ARTICLE	IF	CITATIONS
19	TrustyFeer: A Subjective Logic Trust Model for Smart City Peer-to-Peer Federated Clouds. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-13.	0.8	17
20	Face Gender Recognition in the Wild: An Extensive Performance Comparison of Deep-Learned, Hand-Crafted, and Fused Features with Deep and Traditional Models. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 89.	1.3	16
21	Lightweight Building of an Electroencephalogram-Based Emotion Detection System. <i>Brain Sciences</i> , 2020, 10, 781.	1.1	14
22	Early Detection of Red Palm Weevil, <i>Rhynchophorus ferrugineus</i> (Olivier), Infestation Using Data Mining. <i>Plants</i> , 2021, 10, 95.	1.6	14
23	Cuckoo-inspired Job Scheduling Algorithm for Cloud Computing. <i>Procedia Computer Science</i> , 2019, 151, 1078-1083.	1.2	10
24	Green algorithm to reduce the energy consumption in cloud computing data centres. , 2016, , .		8
25	A Preprocessing Technique for Fast Convex Hull Computation. <i>Procedia Computer Science</i> , 2020, 170, 317-324.	1.2	8
26	EERP: An enhanced EigenTrust algorithm for reputation management in peer-to-peer networks. <i>Procedia Computer Science</i> , 2018, 141, 490-495.	1.2	7
27	A Multi-UAV Task Allocation Algorithm Combatting Red Palm Weevil Infestation. <i>Procedia Computer Science</i> , 2018, 141, 88-95.	1.2	7
28	Comparative performance study of classification models for image-splicing detection. <i>Procedia Computer Science</i> , 2020, 175, 278-285.	1.2	7
29	AuthenticPeer: A Reputation Management System for Peer-to-Peer Wireless Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 637831.	1.3	7
30	myPDA: A Mobile Healthcare Application for Personal Diet Assisting. , 2012, , .		6
31	A Hybrid Approach for Scheduling Virtual Machines in Private Clouds. <i>Procedia Computer Science</i> , 2014, 34, 249-256.	1.2	6
32	Hybrid Resource Discovery Algorithms for Unstructured Peer-to-Peer Networks. <i>Procedia Computer Science</i> , 2017, 109, 289-296.	1.2	6
33	A Fast Genetic Algorithm-based Evacuation Plan Generator. <i>Procedia Computer Science</i> , 2017, 109, 994-998.	1.2	6
34	Design and implementation of mobile cloud tourism application. , 2017, , .		6
35	A Modified Degree Discount Heuristic for Influence Maximization in Social Networks. <i>Procedia Computer Science</i> , 2020, 170, 311-316.	1.2	6
36	Selecting Accurate Classifier Models for a MERS-CoV Dataset. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 1070-1084.	0.5	6

#	ARTICLE	IF	CITATIONS
37	An Algorithm for Handling Starvation and Resource Rejection in Public Clouds. <i>Procedia Computer Science</i> , 2014, 34, 242-248.	1.2	5
38	An energy-efficient gossiping protocol for wireless sensor networks using Chebyshev distance. <i>Procedia Computer Science</i> , 2019, 151, 1066-1071.	1.2	5
39	Enhanced Distance-Based Gossip Protocols for Wireless Sensor Networks. , 2019, , .		5
40	Evaluating Firewall Models for Hybrid Clouds. , 2013, , .		4
41	Context-Aware Gossip-Based Protocol for Internet of Things Applications. <i>Sensors</i> , 2018, 18, 2233.	2.1	4
42	OneByOne (OBO): A Fast Sorting Algorithm. <i>Procedia Computer Science</i> , 2020, 175, 270-277.	1.2	4
43	WhatsTrust: A Trust Management System for WhatsApp. <i>Electronics (Switzerland)</i> , 2020, 9, 2190.	1.8	4
44	HadithTrust: Trust Management Approach Inspired by Hadith Science for Peer-to-Peer Platforms. <i>Electronics (Switzerland)</i> , 2021, 10, 1442.	1.8	4
45	A Hierarchical Trust Model for Peer-to-Peer Networks. <i>Computers, Materials and Continua</i> , 2019, 59, 397-404.	1.5	4
46	AntTrust: An Ant-Inspired Trust Management System for Peer-to-Peer Networks. <i>Sensors</i> , 2022, 22, 533.	2.1	4
47	A QoS-aware and energy-efficient genetic resource allocation algorithm for cloud data centers. , 2017, , .		3
48	Face recognition under varying illumination based on homomorphic filter and local binary patterns. , 2017, , .		3
49	AuthenticPeer++: A Trust Management System for P2P Networks. , 2017, , .		3
50	Emergency Planning for UAV-Controlled Crowd Evacuations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9009.	1.3	3
51	Autonomous task allocation for multi-UAV systems based on area-restricted search behavior in animals. <i>Procedia Computer Science</i> , 2021, 191, 246-253.	1.2	3
52	A Credit-Based Approach for Overcoming Free-Riding Behaviour in Peer-to-Peer Networks. <i>Computers, Materials and Continua</i> , 2019, 59, 15-29.	1.5	3
53	Taxonomy of Grid Systems. , 2010, , 20-43.		3
54	Crowd Evacuation in Hajj Stoning Area: Planning through Modeling and Simulation. <i>Sustainability</i> , 2022, 14, 2278.	1.6	3

#	ARTICLE	IF	CITATIONS
55	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
56	Wajeez: An Extractive Automatic Arabic Text Summarisation System. Lecture Notes in Computer Science, 2019, , 3-14.	1.0	2
57	Managing Trust and Detecting Malicious Groups in Peer-to-Peer IoT Networks. Sensors, 2021, 21, 4484.	2.1	2
58	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
59	Tide-Inspired Path Planning Algorithm for Autonomous Vehicles. Remote Sensing, 2021, 13, 4644.	1.8	2
60	Impacts of VPNs and Firewalls on Public Cloud Performance. , 2017, , .		1
61	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
62	A Tweet-Ranking System Using Sentiment Scores and Popularity Measures. Communications in Computer and Information Science, 2019, , 162-169.	0.4	1
63	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
64	Towards a Friendly User Interface on the Cloud. Lecture Notes in Computer Science, 2014, , 148-157.	1.0	1
65	Bee-inspired task allocation algorithm for multi-UAV search and rescue missions. International Journal of Bio-Inspired Computation, 2020, 16, 252.	0.6	1
66	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
67	Service-Sharing Approach Using a Mutual Exclusion Algorithm for Smart Cashier Systems. , 2019, , .		0
68	A Systematic Approach to Identify an Appropriate Classifier for Limited-Sized Data Sets. , 2019, , .		0
69	A Mobile Platform for Social Media Filters. Procedia Computer Science, 2020, 170, 297-302.	1.2	0
70	Design and Implementation of a Mobile Cloud Environmental Application for Riyadh City. Lecture Notes in Computer Science, 2015, , 380-389.	1.0	0
71	Securing mHealth Applications Using IoTsecM Security Modelling: Dentify.Me mApp Case Study for Urgent Care Management. Computacion Y Sistemas, 2019, 23, .	0.2	0
72	Incremental Ant-Miner Classifier for Online Big Data Analytics. Sensors, 2022, 22, 2223.	2.1	0