

# Hamid Mukhtar

## List of Publications by Year in descending order

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54  
papers

416  
citations

1162367

8  
h-index

996533

15  
g-index

56  
all docs

56  
docs citations

56  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	A computationally efficient adaptive robust control scheme for a quad-rotor transporting cable-suspended payloads. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 379-395.	0.7	6
2	Improving Quality of Experience Using Fuzzy Controller for Smart Homes. IEEE Access, 2022, 10, 11892-11908.	2.6	7
3	An Approach for Pronunciation Classification of Classical Arabic Phonemes Using Deep Learning. Applied Sciences (Switzerland), 2022, 12, 238.	1.3	13
4	Optimal Fuzzy Energy Trading System in a Fog-Enabled Smart Grid. Energies, 2021, 14, 881.	1.6	9
5	Gender-wise Analysis of Diseases and Risk Factors in Saudi Population. , 2021, , .		0
6	An IoT Framework for Screening of COVID-19 Using Real-Time Data from Wearable Sensors. International Journal of Environmental Research and Public Health, 2021, 18, 4022.	1.2	57
7	Deep Convolutional Neural Network Regularization for Alcoholism Detection Using EEG Signals. Sensors, 2021, 21, 5456.	2.1	23
8	Investigating Health-Related Features and Their Impact on the Prediction of Diabetes Using Machine Learning. Applied Sciences (Switzerland), 2021, 11, 1173.	1.3	35
9	Assessing the relative importance of social determinants of health in malaria and anemia classification based on machine learning techniques. Informatics for Health and Social Care, 2020, 45, 229-241.	1.4	14
10	Analysis and Evaluation of COVID-19 Web Applications for Health Professionals: Challenges and Opportunities. Healthcare (Switzerland), 2020, 8, 466.	1.0	11
11	Browsing Behaviour Analysis using Data Mining. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	1
12	Analysis of user-generated content from online social communities to characterise and predict depression degree. Journal of Information Science, 2018, 44, 683-695.	2.0	39
13	Framework for Building Self-Adaptive Component Applications Based on Reinforcement Learning. , 2018, , .		7
14	Improving Usability through Enhanced Visualization in Healthcare. , 2017, , .		5
15	Self-adaptive Decision Making for the Management of Component-Based Applications. Lecture Notes in Computer Science, 2017, , 570-588.	1.0	2
16	Harnessing Smartphones as a Personal Informatics Tool towards Self-Awareness and Behavior Improvement. , 2016, , .		3
17	Towards Analytical Modeling for Persuasive Design Choices in Mobile Apps. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	1
18	Using Persuasive Recommendations in Wellness Applications based upon User Activities. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	2

#	ARTICLE	IF	CITATIONS
19	Healthcare Data Validation and Conformance Testing Approach Using Rule-Based Reasoning. Lecture Notes in Computer Science, 2015, , 241-246.	1.0	3
20	SmartFit: A Step Count Based Mobile Application for Engagement in Physical Activities. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.5	1
21	Comparison of Adaptive E-learning Mobile and Web-Based Software Applications Effectiveness. , 2014, , .		0
22	Automating scholarly article data collection with Action Science Explorer. , 2014, , .		2
23	An Extension to Jab Ref for Extraction and Processing of Scholarly Articles. , 2014, , .		0
24	A semantic rules & reasoning based approach for Diet and Exercise management for diabetics. , 2014, , .		7
25	An integrated approach of diet and exercise recommendations for diabetes patients. , 2014, , .		11
26	Using Adaptive Feedback for Promoting Awareness about Physical Activeness in Adults. , 2013, , .		6
27	Adaptive Switching of Traffic between WebRTC and WebSocket Based on Battery Status of Portable Devices. , 2013, , .		1
28	Persuading students for behavior change by determining their personality type. , 2012, , .		4
29	Design Time Considerations for Cyber Physical Systems. , 2012, , .		2
30	Data Sharing in Data-Centric Multi-tenant Software as a Service. , 2012, , .		2
31	Persuasive Healthcare Self-Management in Intelligent Environments. , 2012, , .		9
32	Design Time Considerations for Cyber Physical Systems. , 2012, , .		1
33	Middleware for task resolution and adaptation in pervasive environments. Evolving Systems, 2012, 3, 221-233.	2.4	4
34	Personalized Healthcare Self-management Using Social Persuasion. Lecture Notes in Computer Science, 2012, , 66-73.	1.0	2
35	QoS-aware device selection using user preferences for tasks in ubiquitous environments. , 2011, , .		2
36	Dynamic User Task Composition Based on User Preferences. ACM Transactions on Autonomous and Adaptive Systems, 2011, 6, 1-17.	0.4	8

#	ARTICLE	IF	CITATIONS
37	Automatic Task Resolution and Adaptation in Pervasive Environments. Lecture Notes in Computer Science, 2011, , 131-144.	1.0	2
38	Interoperability in Pervasive Environments. , 2011, , 1-16.		1
39	Using Universal Plug-n-Play for Device Communication in Ad Hoc Pervasive Environments. , 2011, , 1-16.		0
40	Monitoring of Non-functional Requirements Using Dynamic Transformation of Components. , 2010, ,		0
41	User Preferences-Based Automatic Device Selection for Multimedia User Tasks in Pervasive Environments. , 2009, ,		15
42	A quantitative model for user preferences based on qualitative specifications. , 2009, ,		9
43	Session continuity and splitting of multimedia applications using qualitative user preferences. , 2009, ,		1
44	Remote Configuration Mechanism for IP Based Ubiquitous Sensor Networks. Lecture Notes in Computer Science, 2009, , 423-426.	1.0	0
45	Dynamic Component Selection for SCA Applications. IFIP Advances in Information and Communication Technology, 2009, , 272-286.	0.5	1
46	Energy-aware and bandwidth-efficient mobility architecture for 6LoWPAN. , 2008, ,		12
47	Inter-PAN Mobility Support for 6LoWPAN. , 2008, ,		19
48	A Policy-Based Approach for Resource Specification in Small Devices. , 2008, ,		7
49	Autonomous Network Topology Discovery of Large Multi-Subnet Networks Using Lightweight Probing. , 2008, ,		3
50	A model for resource specification in mobile services. , 2008, ,		11
51	A Graph-Based Approach for Ad hoc Task Composition Considering User Preferences and Device Capabilities. , 2008, ,		9
52	LNMP- Management architecture for IPv6 based low-power wireless Personal Area Networks (6LoWPAN). , 2008, ,		19
53	Session Mobility of Multimedia Applications in Home Networks Using UPnP. , 2007, ,		6
54	IP network topology discovery for large and multi subnet using mobile &#x201C;service&#x201D; agents. , 2006, ,		1