Majid A Al-Taee

List of Publications by Year
in descending order

		1040056	996975
64 papers	825 citations	9 h-index	15 g-index
64 all docs	64 docs citations	64 times ranked	778 citing authors

#	ARTICLE	IF	CITATIONS
1	Towards automation of dynamic-gaze video analysis taking functional upper-limb tasks as a case study. Computer Methods and Programs in Biomedicine, 2021, 203, 106041.	4.7	1
2	Improved Automatic License Plate Recognition in Jordan Based on Ceiling Analysis. Applied Sciences (Switzerland), 2021, 11, 10614.	2.5	1
3	Impact of Computerized Prescription on Medication Errors and Workflow Efficiency in Neonatal Intensive Care Units: A Quasi-Experimental Three-Phase Study. Methods of Information in Medicine, 2020, 59, 140-150.	1.2	1
4	Efficient individual identification of zebrafish using Hue/Saturation/Value color model. Egyptian Journal of Aquatic Research, 2018, 44, 271-277.	2.2	11
5	Dense Fully Convolutional Segmentation of the Optic Disc and Cup in Colour Fundus for Glaucoma Diagnosis. Symmetry, 2018, 10, 87.	2.2	131
6	Modular design of fatigue detection in naturalistic driving environments. Accident Analysis and Prevention, 2018, 120, 188-194.	5.7	17
7	Network-status aware quality adaptation algorithm for improving real-time video streaming over the internet. Multimedia Tools and Applications, 2017, 76, 26129-26152.	3.9	8
8	An automated vision system for measurement of zebrafish length using low-cost orthogonal web cameras. Aquacultural Engineering, 2017, 78, 155-162.	3.1	24
9	Robot Assistant in Management of Diabetes in Children Based on the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 437-445.	8.7	54
10	Towards automated length-estimation of free-swimming fish using machine vision. , 2017, , .		3
11	A Novel Choroid Segmentation Method for Retinal Diagnosis Using Deep Learning. , 2017, , .		5
12	Enhanced operator fatigue detection method based on computer-keyboard typing style. , 2017, , .		0
13	Automated glaucoma diagnosis using deep learning approach. , 2017, , .		53
14	A speed measurement method for fast assessment of power system transient stability. , 2017, , .		0
15	Computer Stereovision System for 3D Tracking of Free-Swimming Zebrafish. , 2017, , .		3
16	Recognition of Individual Zebrafish Using Speed-Up Robust Feature Matching. , 2017, , .		3
17	Augmented and virtual reality approaches to help with peripheral vision loss. , 2017, , .		9
18	Identification of tail curvature malformation in zebrafish embryos. , 2017, , .		1

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19	A Fatigue Prediction Cognitive Model for Naturalistic Typing Environment. , 2017, , .		1
20	Towards Developing Online Compliance Index for Self-Monitoring of Blood Glucose in Diabetes Management. , 2016, , .		6
21	Mapping Security Requirements of Mobile Health Systems into Software Development Lifecycle. , 2016, , .		5
22	Analysis of Embryonic Malformations in Zebrafish Larvae. , 2016, , .		5
23	Mobile workflow management system based on the Internet of Things. , 2016, , .		1
24	HRV-based operator fatigue analysis and classification using wearable sensors. , 2016, , .		23
25	Building IPv6 based tunneling mechanisms for VoIP security. , 2016, , .		1
26	Acceptability of Robot Assistant in Management of Type 1 Diabetes in Children. Diabetes Technology and Therapeutics, 2016, 18, 551-554.	4.4	31
27	A videoconferencing platform for eHealth services in Jordan. , 2016, , .		5
28	Fatigue Detection Method Based on Smartphone Text Entry Performance Metrics. , 2016, , .		5
29	Automatic Feature Learning Method for Detection of Retinal Landmarks. , 2016, , .		6
30	Identification and Extraction of New Feature for Zebrafish Discrimination. , 2016, , .		2
31	Visual Augmentation Glasses for People with Impaired Vision. , 2016, , .		4
32	Augmentation of transient stability margin based on rapid assessment of rate of change of kinetic energy. Electric Power Systems Research, 2016, 140, 588-596.	3.6	5
33	Occurrence density index for behavior classification of zebrafish larvae. , 2016, , .		3
34	Towards nationwide electronic health record system in Jordan. , 2016, , .		7
35	Experimental testbed for video streaming analysis based on RTMF protocol. , 2016, , .		2
36	An automatic pattern detection method for behavioral analysis of zebrafish larvae. , 2016, , .		7

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37	Smart Bolus Estimation Taking into Account the Amount of Insulin on Board. , 2015, , .		13
38	Automated electrical stimulation and physical activity monitoring of zebrafish larvae. , 2015, , .		7
39	Mobile health platform for diabetes management based on the Internet-of-Things. , 2015, , .		48
40	High-capacity image steganography based on Haar DWT for hiding miscellaneous data. , 2015, , .		7
41	Estimation of driver alertness using low-cost wearable devices. , 2015, , .		5
42	Automatic diacritization of Arabic text using recurrent neural networks. International Journal on Document Analysis and Recognition, 2015, 18, 183-197.	3.4	76
43	Diagnosis and Classification of Chronic Renal Failure Utilising Intelligent Data Mining Classifiers. International Journal of Information Technology and Web Engineering, 2014, 9, 1-12.	1.6	23
44	Blood-glucose pattern mining algorithm for decision support in diabetes management. , 2014, , .		11
45	Quality of experience analysis of real-time video streaming over lossy networks. , 2013, , .		3
46	Web-of-Things inspired e-Health platform for integrated diabetes care management. , 2013, , .		20
47	A Human-Robot Sub-dialogues Structure Using XML Document Object Model. , 2013, , .		2
48	Clinical decision support system for diagnosis and management of Chronic Renal Failure. , 2013, , .		30
49	Dynamic segmentation approach for efficient Arabian music transcription. , 2012, , .		0
50	Audio-watermarking based ownership verification system using enhanced DWT-SVD technique. , 2012, , .		15
51	Mobile Acquisition and Monitoring System for Improved Diabetes Management Using Emergent Wireless and Web Technologies. International Journal of Information Technology and Web Engineering, 2012, 7, 17-30.	1.6	17
52	Biometric based audio ownership verification using discrete wavelet transform and SVD techniques. , 2011, , .		10
53	Real-time efficiency optimisation of open-loop controlled synchronous PM motor drive using Adaptive Neural Networks. , 2011, , .		4
54	Mobile phone-based health data acquisition system using Bluetooth technology. , 2011, , .		20

#	Article	IF	Citations
55	Quality Control information system for immunology/ serology tests in medical laboratories. , 2009, , .		2
56	Biometric-Based Security System for Plaintext e-Mail Messages. , 2009, , .		3
57	Time-frequency analysis of the Arabian flute (Nay) tone applied to automatic music transcription. , 2008, , .		5
58	Stable and highly efficient operation of open-loop controlled PM synchronous motor drive. , 2008, , .		2
59	A distributed workflow management system utilizing computational intelligence for decision support. , 2008, , .		4
60	Small–Signal Stability Assessment of Iraqi National Grid. International Journal of Modelling and Simulation, 2008, 28, 91-99.	3.3	1
61	A Web-Based Rapid Prototyping Workflow Management Information System for Computer Repair and Maintenance. Journal of Computer Science, 2008, 4, 991-998.	0.6	7
62	Remote Monitoring of Vehicle Diagnostics and Location Using a Smart Box with Global Positioning System and General Packet Radio Service. , 2007, , .		20
63	Symbolic Analyzer for Large Lumped and Distributed Networks. , 2007, , 375-394.		0
64	Diabetic Macular Edema Grading Based on Deep Neural Networks. , 0, , .		26