Theme 4-1: AI Applications - 2019

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
A Framework to Estimate the Nutritional Value of Food in Real Time Using Deep Learning Techniques	Yunus, R.| Arif, O.| Afzal, H.| Amjad, M.F.| Abbas, H.| Bokhari, H.N.| Haider, S.T.| Zafar, N.| Nawaz, R.	IEEE Access	7	-	2643-2652	Journal	Article	Gold|Green
Intelligent traffic light scheduling technique using calendar-based history information	Yousef, A.| Shatnawi, A.| Latayfeh, M.	Future Generation Computer Systems	91	-	124-135	Journal	Article	0
Multiple Proposals for Continuous Arabic Sign Language Recognition	Hassan, M.| Assaleh, K.| Shanableh, T.	Sensing and Imaging	20	1	-	Journal	Article	0
A fuzzy logic–based warning system for patients classification	Al-Dmour, J.A.| Sagahyroon, A.| Al-Ali, A.R.| Abusnana, S.	Health Informatics Journal	25	3	1004-1024	Journal	Article	Bronze
A hybrid-adaptive neuro-fuzzy inference system for multi-objective regression test suites optimization	Anwar, Z.| Afzal, H.| Bibi, N.| Abbas, H.| Mohsin, A.| Arif, O.	Neural Computing and Applications	31	11	7287-7301	Journal	Article	0
An agent-Based self-organizing model for large-scale biosurveillance systems using mobile edge computing	Al-Zinati, M.| Al-Thebyan, Q.| Jararweh, Y.	Simulation Modelling Practice and Theory	93	-	65-86	Journal	Article	0
Image Caption Generator with Novel Object Injection	Baig, M.M.A.| Shah, M.I.| Wajahat, M.A.| Zafar, N.| Arif, O.	2018 International Conference on Digital Image Computing: Techniques and Applications, DICTA 2018	-	-	-	Conference Proceeding	Conference Paper	0
Performance of Optically-Preamplified, Direct-Detection, M-ary PPM for Inter-Satellite Links	Mohamed, S.H.| Elrefaie, A.F.| Hassan, M.S.| Landolsi, T.	Wireless Telecommunications Symposium	2019	-	-	Conference Proceeding	Conference Paper	0
A Mobile-Edge Computing Bio-Surveillance Framework for Multiple Biological Attacks Detection	Al-Zinati, M.| Almasri, T.| Alsmirat, M.| Jararweh, Y.	2019 6th International Conference on Internet of Things: Systems, Management and Security, IOTSMS 2019	-	-	104-109	Conference Proceeding	Conference Paper	0
Motion-based gait recognition for recognizing people in traditional gulf clothing	Towheed, M.A.| Kiyani, W.| Ummar, M.| Shanableh, T.| Dhou, S.	Proceedings of IEEE/ACS International Conference on Computer Systems and Applications, AICCSA	2019	-	-	Conference Proceeding	Conference Paper	0
Plant Classification in the Wild: A Transfer Learning Approach	Al-Qurran, R.| Al-Ayyoub, M.| Shatnawi, A.	ACIT 2018 - 19th International Arab Conference on Information Technology	-	-	-	Conference Proceeding	Conference Paper	0
CrowdFix: An Eyetracking Dataset of Real Life Crowd Videos	Tahira, M.| Mehboob, S.| Rahman, A.U.| Arif, O.	IEEE Access	7	-	179002-179009	Journal	Article	Gold|Green
Detecting heart anomalies using mobile phones and machine learning	Talab, E.| Mohamed, O.| Begum, L.| Aloul, F.| Sagahyroon, A.	Proceedings - 2019 IEEE 19th International Conference on Bioinformatics and Bioengineering, BIBE 2019	-	-	428-432	Conference Proceeding	Conference Paper	0