

Theme 4-2: Machine Learning Techniques - 2021

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Enhancing human activity recognition using deep learning and time series augmented data	Alawneh, L. Alsarhan, T. Al-Zinati, M. Al-Ayyoub, M. Jararweh, Y. Lu, H.	Journal of Ambient Intelligence and Humanized Computing	12	12	10565-10580	Journal	Article	0
Towards validating the effectiveness of obstructive sleep apnea classification from electronic health records using machine learning	Ramesh, J. Keeran, N. Sagahyroon, A. Aloul, F.	Healthcare (Switzerland)	9	11	-	Journal	Article	Gold Green
A machine learning approach to predicting diabetes complications	Jian, Y. Pasquier, M. Sagahyroon, A. Aloul, F.	Healthcare (Switzerland)	9	12	-	Journal	Article	Gold Green
Predicting Hospital No-Shows Using Machine Learning	Batool, T. Abuelnoor, M. El Boutari, O. Aloul, F. Sagahyroon, A.	IoTaIS 2020 - Proceedings: 2020 IEEE International Conference on Internet of Things and Intelligence Systems	-	-	142-148	Conference Proceeding	Conference Paper	0
COVID-19 Diagnosis in Chest X-ray Images by Combining Pre-trained CNN Models with Flat and Hierarchical Classification Approaches	Daoud, M.I. Alrahahleh, Y. Abdel-Rahman, S. Alsaify, B.A. Alazrai, R.	2021 12th International Conference on Information and Communication Systems, ICICS 2021	-	-	330-335	Conference Proceeding	Conference Paper	Bronze
An Efficient Recommender System Based on Collaborative Filtering Recommendation and Cluster Ensemble	Zarzour, H. Maazouzi, F. Al-Zinati, M. Jararweh, Y. Baker, T.	2021 8th International Conference on Social Network Analysis, Management and Security, SNAMS 2021	-	-	-	Conference Proceeding	Conference Paper	0
Anatomical Planes-Based Representation for Recognizing Two-Person Interactions from Partially Observed Video Sequences: A Feasibility Study	Alazrai, R. Hababeh, M. Alsaify, B. Daoud, M.I.	2021 8th International Conference on Electrical and Electronics Engineering, ICEEE 2021	-	-	318-322	Conference Proceeding	Conference Paper	0
Prediction of EV charging behavior using machine learning	Shahriar, S. Al-Ali, A.R. Osman, A.H. Dhou, S. Nijim, M.	IEEE Access	9	-	111576-111586	Journal	Article	Gold
Deep learning for simultaneous measurements of pressure and temperature using arch resonators	Ghommem, M. Puzyrev, V. Najjar, F.	Applied Mathematical Modelling	93	-	728-744	Journal	Article	