

Theme 4-1: AI Applications - 2023

Title	Authors	Scopus Source title	Source type
BiLSTM Neural Network Digital Predistorter with Reduced Feedback Sampling Rate	Ali, A. Ahmed, M. Hammi, O.	IEEE Symposium on Wireless Technology and Applications, ISWTA	Conference Paper
Bandwidth, Power and Carrier Configuration Resilient Neural Networks Digital Predistorter	Ali, A. Hammi, O.	IEEE Access	Article
Crop and Weed Detection in Sunflower and Sugarbeet fields Using Single Shot Detectors	Abuhani, D.A. Hussain, M.H. Khan, J. Elmohandes, M. Zualkernan, I.	2023 IEEE International Conference on Omni-Layer Intelligent Systems, COINS 2023	Conference Proceeding
Machine Learning for Precision Agriculture Using Imagery from Unmanned Aerial Vehicles (UAVs): A Survey	Zualkernan, I. Abuhani, D.A. Hussain, M.H. Khan, J. ElMohandes, M.	Drones	Journal
A Light-Weight Cropland Mapping Model Using Satellite Imagery	Hussain, M.H. Abuhani, D.A. Khan, J. ElMohandes, M. Zualkernan, I. Ali, T.	Sensors	Journal
Classification of Arabic Poetry Emotions Using Deep Learning	Shahriar, S. Al Roken, N. Zualkernan, I.	Computers	Journal
Development and Implementation of an Innovative Smart Storage System for Fruit Quality Preservation	Alzuabi, R.O. Hassan, N.M. Bahroun, Z.	Food and Bioprocess Technology	Journal
Transforming Education: A Comprehensive Review of Generative Artificial Intelligence in Educational Settings through Bibliometric and Content Analysis	Bahroun, Z. Anane, C. Ahmed, V. Zacca, A.	Sustainability (Switzerland)	Journal
ARTIFICIAL INTELLIGENCE APPLICATIONS IN PROJECT SCHEDULING: A SYSTEMATIC REVIEW, BIBLIOMETRIC ANALYSIS, AND PROSPECTS FOR FUTURE RESEARCH	Bahroun, Z. Tanash, M. As'ad, R. Alnajjar, M.	Management Systems in Production Engineering	Journal
A Machine Learning Framework for Assessing Urban Growth of Cities and Suitability Analysis	Gharaibeh, A.A. Jaradat, M.A. Kanaan, L.M.	Land	Journal
Smart Gas Sensors: Materials, Technologies, Practical Applications, and Use of Machine Learning – A Review	Mahmood, L. Ghommem, M. Bahroun, Z.	Journal of Applied and Computational Mechanics	Journal