

Muhammad Tufail

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

98
citations

5
h-index

9
g-index

17
ext. papers

197
ext. citations

2.5
avg, IF

3.08
L-index

#	Paper	IF	Citations
15	TobSet: A New Tobacco Crop and Weeds Image Dataset and Its Utilization for Vision-Based Spraying by Agricultural Robots. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1308	2.6	3
14	A Deep Learning-Based Detection System of Multi-class Crops and Orchards Using a UAV. <i>Algorithms for Intelligent Systems</i> , 2022 , 35-50	0.5	
13	Deep learning-based identification system of weeds and crops in strawberry and pea fields for a precision agriculture sprayer. <i>Precision Agriculture</i> , 2021 , 22, 1711	5.6	13
12	Real-time recognition of spraying area for UAV sprayers using a deep learning approach. <i>PLoS ONE</i> , 2021 , 16, e0249436	3.7	11
11	A novel semi-supervised framework for UAV based crop/weed classification. <i>PLoS ONE</i> , 2021 , 16, e0251008	3.7	3
10	Identification of Tobacco Crop Based on Machine Learning for a Precision Agricultural Sprayer. <i>IEEE Access</i> , 2021 , 9, 23814-23825	3.5	7
9	Deep-learning-based spraying area recognition system for unmanned-aerial-vehicle-based sprayers. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2021 , 29, 241-256	0.9	7
8	An Effective Fairness Scheme for Named Data Networking. <i>Electronics (Switzerland)</i> , 2020 , 9, 749	2.6	3
7	A Novel High Gain Wideband MIMO Antenna for 5G Millimeter Wave Applications. <i>Electronics (Switzerland)</i> , 2020 , 9, 1031	2.6	38
6	Real-Time Impedance Control Based on Learned Inverse Dynamics. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 5043-5055	2.5	1
5	Medium Access-Based Scheduling Scheme for Cyber Physical Systems in 5G Networks. <i>Electronics (Switzerland)</i> , 2020 , 9, 639	2.6	2
4	A Machine Learning Approach for 5G SINR Prediction. <i>Electronics (Switzerland)</i> , 2020 , 9, 1660	2.6	4
3	A Novel Deep Learning Based Approach for Breast Cancer Detection 2019 ,		2
2	A Novel Framework for Multiple Ground Target Detection, Recognition and Inspection in Precision Agriculture Applications Using a UAV. <i>Unmanned Systems</i> , 1-12	3	3
1	Dynamic trip point categorisation using manufacturing process for polycrystalline diamond compact bits as case study. <i>Journal of Control and Decision</i> , 1-11	0.9	