

Muhammad Tufail

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

329
citations

1170033

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1255698

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17
docs citations

17
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Framework for Multiple Ground Target Detection, Recognition and Inspection in Precision Agriculture Applications Using a UAV. Unmanned Systems, 2022, 10, 45-56.	2.7	25
2	TobSet: A New Tobacco Crop and Weeds Image Dataset and Its Utilization for Vision-Based Spraying by Agricultural Robots. Applied Sciences (Switzerland), 2022, 12, 1308.	1.3	15
3	Identification of Tobacco Crop Based on Machine Learning for a Precision Agricultural Sprayer. IEEE Access, 2021, 9, 23814-23825.	2.6	28
4	Deep learning-based identification system of weeds and crops in strawberry and pea fields for a precision agriculture sprayer. Precision Agriculture, 2021, 22, 1711-1727.	3.1	64
5	Real-time recognition of spraying area for UAV sprayers using a deep learning approach. PLoS ONE, 2021, 16, e0249436.	1.1	29
6	A novel semi-supervised framework for UAV based crop/weed classification. PLoS ONE, 2021, 16, e0251008.	1.1	27
7	Deep-learning-based spraying area recognition system for unmanned-aerial-vehicle-based sprayers. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 241-256.	0.9	10
8	A Novel Pressure and Flow Control Technique for Variable-Rate Precision Agricultural Sprayer. , 2021, , ,		2
9	Adaptive Learning Inertia Control of Lower Limb Exoskeleton Robot. , 2021, , ,		1
10	A Machine Learning Approach for 5G SINR Prediction. Electronics (Switzerland), 2020, 9, 1660.	1.8	16
11	An Effective Fairness Scheme for Named Data Networking. Electronics (Switzerland), 2020, 9, 749.	1.8	6
12	A Novel High Gain Wideband MIMO Antenna for 5G Millimeter Wave Applications. Electronics (Switzerland), 2020, 9, 1031.	1.8	96
13	Real-Time Impedance Control Based on Learned Inverse Dynamics. Arabian Journal for Science and Engineering, 2020, 45, 5043-5055.	1.7	3
14	Medium Access-Based Scheduling Scheme for Cyber Physical Systems in 5G Networks. Electronics (Switzerland), 2020, 9, 639.	1.8	2
15	A Novel Deep Learning Based Approach for Breast Cancer Detection. , 2019, , ,		4
16	Dynamic trip point categorisation using manufacturing process for polycrystalline diamond compact bits as case study. Journal of Control and Decision, 0, , 1-11.	0.7	0