Oskar Marko

List of Publications by Year
in descending order

13 papers	226 citations	933447 10 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	292 citing authors

#	Article	IF	Citations
1	CYBELE â€" Fostering precision agriculture & livestock farming through secure access to large-scale HPC enabled virtual industrial experimentation environments fostering scalable big data analytics. Computer Networks, 2020, 168, 107035.	5.1	36
2	Soybean varieties portfolio optimisation based on yield prediction. Computers and Electronics in Agriculture, 2016, 127, 467-474.	7.7	25
3	High temporal resolution of airborne Ambrosia pollen measurements above the source reveals emission characteristics. Atmospheric Environment, 2018, 192, 13-23.	4.1	25
4	Regional soil moisture prediction system based on Long Short-Term Memory network. Biosystems Engineering, 2022, 213, 30-38.	4.3	24
5	Classification of Cattle Behaviours Using Neck-Mounted Accelerometer-Equipped Collars and Convolutional Neural Networks. Sensors, 2021, 21, 4050.	3.8	22
6	Container orchestration on HPC systems through Kubernetes. Journal of Cloud Computing: Advances, Systems and Applications, 2021, 10, .	3.9	21
7	Portfolio optimization for seed selection in diverse weather scenarios. PLoS ONE, 2017, 12, e0184198.	2.5	16
8	Phytophagous hoverflies (Diptera: Syrphidae) as indicators of changing landscapes. Community Ecology, 2017, 18, 287-294.	0.9	15
9	How to prepare a pollen calendar for forecasting daily pollen concentrations of Ambrosia, Betula and Poaceae?. Aerobiologia, 2018, 34, 203-217.	1.7	15
10	Behavioural Classification of Cattle Using Neck-Mounted Accelerometer-Equipped Collars. Sensors, 2022, 22, 2323.	3.8	13
11	Soya Yield Prediction on a Within-Field Scale Using Machine Learning Models Trained on Sentinel-2 and Soil Data. Remote Sensing, 2022, 14, 2256.	4.0	7
12	Engineering Meteorological Features to Select Stress Tolerant Hybrids in Maize. Scientific Reports, 2020, 10, 3421.	3.3	6
13	Optimisation of crop configuration using NSGA-III with categorical genetic operators. , 2019, , .		1