Matteo Giuseppe Ziliani

List of Publications by Year
in descending order

8 papers	**252** citations
1307594 **7** h-index	1720034 **7** g-index

8 all docs	**8** docs citations
8 times ranked	**316** citing authors

#	Article	IF	Citations
1	Predicting Biomass and Yield in a Tomato Phenotyping Experiment Using UAV Imagery and Random Forest. Frontiers in Artificial Intelligence, 2020, 3, 28.	3.4	55
2	Intra-Season Crop Height Variability at Commercial Farm Scales Using a Fixed-Wing UAV. Remote Sensing, 2018, 10, 2007.	4.0	52
3	Unmanned Aerial Vehicle-Based Phenotyping Using Morphometric and Spectral Analysis Can Quantify Responses of Wild Tomato Plants to Salinity Stress. Frontiers in Plant Science, 2019, 10, 370.	3.6	47
4	Early season prediction of within-field crop yield variability by assimilating CubeSat data into a crop model. Agricultural and Forest Meteorology, 2022, 313, 108736.	4.8	40
5	Assimilation of soil moisture and canopy cover data improves maize simulation using an under-calibrated crop model. Agricultural Water Management, 2021, 252, 106884.	5.6	30
6	CubeSats deliver new insights into agricultural water use at daily and 3Âm resolutions. Scientific Reports, 2021, 11, 12131.	3.3	16
7	CubeSat constellations provide enhanced crop phenology and digital agricultural insights using daily leaf area index retrievals. Scientific Reports, 2022, 12, 5244.	3.3	11
8	Revisiting the Spatial Scale Effects on Remotely Sensed Evaporation. , 2021, , .		1