Benjamin Dumont

List of Publications by Year
in descending order

11	292	1040056 9	1281871 11
papers	citations	h-index	g-index

12	12	12	405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wheat Ear Segmentation Based on a Multisensor System and Superpixel Classification. Plant Phenomics, 2022, 2022, 9841985.	5.9	7
2	In-Field Wheat Reflectance: How to Reach the Organ Scale?. Sensors, 2022, 22, 3342.	3.8	5
3	Deep learning for wheat ear segmentation and ear density measurement: From heading to maturity. Computers and Electronics in Agriculture, 2022, 199, 107161.	7.7	16
4	Multi-model evaluation of phenology prediction for wheat in Australia. Agricultural and Forest Meteorology, 2021, 298-299, 108289.	4.8	17
5	How well do crop modeling groups predict wheat phenology, given calibration data from the target population?. European Journal of Agronomy, 2021, 124, 126195.	4.1	27
6	Registration and Fusion of Close-Range Multimodal Wheat Images in Field Conditions. Remote Sensing, 2021, 13, 1380.	4.0	13
7	Global Wheat Head Detection 2021: An Improved Dataset for Benchmarking Wheat Head Detection Methods. Plant Phenomics, 2021, 2021, 9846158.	5.9	60
8	The chaos in calibrating crop models: Lessons learned from a multi-model calibration exercise. Environmental Modelling and Software, 2021, 145, 105206.	4.5	31
9	In-field proximal sensing of septoria tritici blotch, stripe rust and brown rust in winter wheat by means of reflectance and textural features from multispectral imagery. Biosystems Engineering, 2020, 197, 257-269.	4.3	26
10	Imaging Wheat Canopy Through Stereo Vision: Overcoming the Challenges of the Laboratory to Field Transition for Morphological Features Extraction. Frontiers in Plant Science, 2020, 11, 96.	3.6	25
11	Simulation of maize evapotranspiration: An inter-comparison among 29 maize models. Agricultural and Forest Meteorology, 2019, 271, 264-284.	4.8	62