Andrew Revill

List of Publications by Year
in descending order

13 papers	**211** citations	1162889 **8** h-index	1199470 **12** g-index
13 all docs	**13** docs citations	**13** times ranked	**334** citing authors

#	Article	IF	Citations
1	Canopy photosynthesis of six major arable crops is enhanced under diffuse light due to canopy architecture. Global Change Biology, 2020, 26, 5164-5177.	4.2	48
2	Carbon cycling of European croplands: A framework for the assimilation of optical and microwave Earth observation data. Remote Sensing of Environment, 2013, 137, 84-93.	4.6	30
3	The Value of Sentinel-2 Spectral Bands for the Assessment of Winter Wheat Growth and Development. Remote Sensing, 2019, 11, 2050.	1.8	29
4	Quantifying Uncertainty and Bridging the Scaling Gap in the Retrieval of Leaf Area Index by Coupling Sentinel-2 and UAV Observations. Remote Sensing, 2020, 12, 1843.	1.8	27
5	Integrated management of a Swiss cropland is not sufficient to preserve its soil carbon pool in the long term. Biogeosciences, 2018, 15, 5377-5393.	1.3	24
6	Vertical patterns of photosynthesis and related leaf traits in two contrasting agricultural crops. Functional Plant Biology, 2019, 46, 213.	1.1	13
7	Combining Process Modelling and LAI Observations to Diagnose Winter Wheat Nitrogen Status and Forecast Yield. Agronomy, 2021, 11, 314.	1.3	10
8	Insights for the Partitioning of Ecosystem Evaporation and Transpiration in Short‐Statured Croplands. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	9
9	Inferring management and predicting sub-field scale C dynamics in UK grasslands using biogeochemical modelling and satellite-derived leaf area data. Agricultural and Forest Meteorology, 2021, 307, 108466.	1.9	8
10	Estimating cropland carbon fluxes: A process-based model evaluation at a Swiss crop-rotation site. Field Crops Research, 2019, 234, 95-106.	2.3	7
11	The Effect of Antecedence on Empirical Model Forecasts of Crop Yield from Observations of Canopy Properties. Agriculture (Switzerland), 2021, 11, 258.	1.4	4
12	Impacts of reduced model complexity and driver resolution on cropland ecosystem photosynthesis estimates. Field Crops Research, 2016, 187, 74-86.	2.3	2
13	Farming from space: model-data fusion approaches for simulating crop nitrogen and yield estimates. , 2021, , .		0