

Eline Vanuytrecht

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2992485/publications.pdf>

Version: 2024-02-01

22
papers

1,137
citations

471509

17
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1663
citing authors

#	ARTICLE	IF	CITATIONS
1	AquaCrop: FAO's crop water productivity and yield response model. Environmental Modelling and Software, 2014, 62, 351-360.	4.5	221
2	Global sensitivity analysis of yield output from the water productivity model. Environmental Modelling and Software, 2014, 51, 323-332.	4.5	139
3	Improving the use of crop models for risk assessment and climate change adaptation. Agricultural Systems, 2018, 159, 296-306.	6.1	122
4	A potato model intercomparison across varying climates and productivity levels. Global Change Biology, 2017, 23, 1258-1281.	9.5	90
5	Narrowing uncertainties in the effects of elevated CO ₂ on crops. Nature Food, 2020, 1, 775-782.	14.0	67
6	Runoff and vegetation stress of green roofs under different climate change scenarios. Landscape and Urban Planning, 2014, 122, 68-77.	7.5	61
7	Considering sink strength to model crop production under elevated atmospheric CO ₂ . Agricultural and Forest Meteorology, 2011, 151, 1753-1762.	4.8	60
8	Cereal yield stabilization in Terai (Nepal) by water and soil fertility management modeling. Agricultural Water Management, 2013, 122, 53-62.	5.6	53
9	Quantifying field-scale effects of elevated carbon dioxide concentration on crops. Climate Research, 2012, 54, 35-47.	1.1	45
10	Responses to atmospheric CO_2 concentrations in crop simulation models: a review of current simple and semicomplex representations and options for model development. Global Change Biology, 2017, 23, 1806-1820.	9.5	40
11	A semi-quantitative approach for modelling crop response to soil fertility: evaluation of the AquaCrop procedure. Journal of Agricultural Science, 2015, 153, 1218-1233.	1.3	37
12	Sowing and irrigation strategies for improving rainfed tef (<i>Eragrostis tef</i> (Zucc.) Trotter) production in the water scarce Tigray region, Ethiopia. Agricultural Water Management, 2015, 150, 81-91.	5.6	32
13	Regional and global climate projections increase mid-century yield variability and crop productivity in Belgium. Regional Environmental Change, 2016, 16, 659-672.	2.9	31
14	Comparing climate change impacts on cereals based on CMIP3 and EU-ENSEMBLES climate scenarios. Agricultural and Forest Meteorology, 2014, 195-196, 12-23.	4.8	29
15	Soil functioning and conservation tillage in the Belgian Loam Belt. Soil and Tillage Research, 2012, 122, 1-11.	5.6	28
16	UNRAVELLING CROP WATER PRODUCTIVITY OF TEF (<i>ERAGROSTIS TEF</i> (ZUCC.) TROTTER) THROUGH AQUACROP IN NORTHERN ETHIOPIA. Experimental Agriculture, 2012, 48, 222-237.	0.9	26
17	Use of the FAO AquaCrop model in developing sowing guidelines for rainfed maize in Zimbabwe. Water S A, 2014, 40, 233.	0.4	22
18	The AgMIP Coordinated Climate-Crop Modeling Project (C3MP): Methods and Protocols. ICP Series on Climate Change Impacts, Adaptation, and Mitigation, 2015, , 191-220.	0.4	10

#	ARTICLE	IF	CITATIONS
19	Bridging rigorous assessment of water availability from field to catchment scale with a parsimonious agro-hydrological model. Environmental Modelling and Software, 2017, 94, 140-156.	4.5	10
20	Improved management may alleviate some but not all of the adverse effects of climate change on crop yields in smallholder farms in West Africa. Agricultural and Forest Meteorology, 2021, 308-309, 108563.	4.8	8
21	Yield Response of an Ensemble of Potato Crop Models to Elevated CO2 in Continental Europe. European Journal of Agronomy, 2021, 126, 126265.	4.1	6
22	Functional Evaluation of Digital Soil Hydraulic Property Maps through Comparison of Simulated and Remotely Sensed Maize Canopy Cover. Land, 2022, 11, 618.	2.9	0