

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

471061

17
h-index

713013

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. <i>Environmental Modelling and Software</i> , 2014, 62, 351-360.	1.9	221
2	Global sensitivity analysis of yield output from the water productivity model. <i>Environmental Modelling and Software</i> , 2014, 51, 323-332.	1.9	139
3	Improving the use of crop models for risk assessment and climate change adaptation. <i>Agricultural Systems</i> , 2018, 159, 296-306.	3.2	122
4	A potato model intercomparison across varying climates and productivity levels. <i>Global Change Biology</i> , 2017, 23, 1258-1281.	4.2	90
5	Narrowing uncertainties in the effects of elevated CO ₂ on crops. <i>Nature Food</i> , 2020, 1, 775-782.	6.2	67
6	Runoff and vegetation stress of green roofs under different climate change scenarios. <i>Landscape and Urban Planning</i> , 2014, 122, 68-77.	3.4	61
7	Considering sink strength to model crop production under elevated atmospheric CO ₂ . <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1753-1762.	1.9	60
8	Cereal yield stabilization in Terai (Nepal) by water and soil fertility management modeling. <i>Agricultural Water Management</i> , 2013, 122, 53-62.	2.4	53
9	Quantifying field-scale effects of elevated carbon dioxide concentration on crops. <i>Climate Research</i> , 2012, 54, 35-47.	0.4	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. <i>Global Change Biology</i> , 2017, 23, 1806-1820.	4.2	40
11	A semi-quantitative approach for modelling crop response to soil fertility: evaluation of the AquaCrop procedure. <i>Journal of Agricultural Science</i> , 2015, 153, 1218-1233.	0.6	37
12	Sowing and irrigation strategies for improving rainfed tef (<i>Eragrostis tef</i> (Zucc.) Trotter) production in the water scarce Tigray region, Ethiopia. <i>Agricultural Water Management</i> , 2015, 150, 81-91.	2.4	32
13	Regional and global climate projections increase mid-century yield variability and crop productivity in Belgium. <i>Regional Environmental Change</i> , 2016, 16, 659-672.	1.4	31
14	Comparing climate change impacts on cereals based on CMIP3 and EU-ENSEMBLES climate scenarios. <i>Agricultural and Forest Meteorology</i> , 2014, 195-196, 12-23.	1.9	29
15	Soil functioning and conservation tillage in the Belgian Loam Belt. <i>Soil and Tillage Research</i> , 2012, 122, 1-11.	2.6	28
16	UNRAVELLING CROP WATER PRODUCTIVITY OF TEF (<i>ERAGROSTIS TEF</i> (ZUCC.) TROTTER) THROUGH AQUACROP IN NORTHERN ETHIOPIA. <i>Experimental Agriculture</i> , 2012, 48, 222-237.	0.4	26
17	Use of the FAO AquaCrop model in developing sowing guidelines for rainfed maize in Zimbabwe. <i>Water S A</i> , 2014, 40, 233.	0.2	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. <i>Environmental Modelling and Software</i> , 2017, 94, 140-156.	1.9	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. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108563.	1.9	8
21	Yield Response of an Ensemble of Potato Crop Models to Elevated CO ₂ in Continental Europe. <i>European Journal of Agronomy</i> , 2021, 126, 126265.	1.9	6
22	Functional Evaluation of Digital Soil Hydraulic Property Maps through Comparison of Simulated and Remotely Sensed Maize Canopy Cover. <i>Land</i> , 2022, 11, 618.	1.2	0