

Sander Janssen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8246866/publications.pdf>

Version: 2024-02-01

30
papers

3,623
citations

279798

23
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

4465
citing authors

#	ARTICLE	IF	CITATIONS
1	The Agricultural Model Intercomparison and Improvement Project (AgMIP): Protocols and pilot studies. <i>Agricultural and Forest Meteorology</i> , 2013, 170, 166-182.	4.8	715
2	Brief history of agricultural systems modeling. <i>Agricultural Systems</i> , 2017, 155, 240-254.	6.1	403
3	Assessing farm innovations and responses to policies: A review of bio-economic farm models. <i>Agricultural Systems</i> , 2007, 94, 622-636.	6.1	338
4	Toward a new generation of agricultural system data, models, and knowledge products: State of agricultural systems science. <i>Agricultural Systems</i> , 2017, 155, 269-288.	6.1	261
5	Crop modelling for integrated assessment of risk to food production from climate change. <i>Environmental Modelling and Software</i> , 2015, 72, 287-303.	4.5	230
6	25 years of the WOFOST cropping systems model. <i>Agricultural Systems</i> , 2019, 168, 154-167.	6.1	210
7	Agricultural production systems modelling and software: Current status and future prospects. <i>Environmental Modelling and Software</i> , 2015, 72, 276-286.	4.5	165
8	Analysis of Big Data technologies for use in agro-environmental science. <i>Environmental Modelling and Software</i> , 2016, 84, 494-504.	4.5	145
9	Towards a new generation of agricultural system data, models and knowledge products: Information and communication technology. <i>Agricultural Systems</i> , 2017, 155, 200-212.	6.1	143
10	FSSIM, a bio-economic farm model for simulating the response of EU farming systems to agricultural and environmental policies. <i>Agricultural Systems</i> , 2010, 103, 585-597.	6.1	125
11	Machine learning for large-scale crop yield forecasting. <i>Agricultural Systems</i> , 2021, 187, 103016.	6.1	107
12	A methodology for enhanced flexibility of integrated assessment in agriculture. <i>Environmental Science and Policy</i> , 2009, 12, 546-561.	4.9	97
13	Using a cropping system model at regional scale: Low-data approaches for crop management information and model calibration. <i>Agriculture, Ecosystems and Environment</i> , 2011, 142, 85-94.	5.3	90
14	On the development and use of farm models for policy impact assessment in the European Union – A review. <i>Agricultural Systems</i> , 2018, 159, 111-125.	6.1	87
15	A database for integrated assessment of European agricultural systems. <i>Environmental Science and Policy</i> , 2009, 12, 573-587.	4.9	63
16	The Missing Middle: Connected action on agriculture and nutrition across global, national and local levels to achieve Sustainable Development Goal 2. <i>Global Food Security</i> , 2020, 24, 100336.	8.1	60
17	A Generic Bio-Economic Farm Model for Environmental and Economic Assessment of Agricultural Systems. <i>Environmental Management</i> , 2010, 46, 862-877.	2.7	58
18	Methodology to translate policy assessment problems into scenarios: the example of the SEAMLESS integrated framework. <i>Environmental Science and Policy</i> , 2009, 12, 619-630.	4.9	49

#	ARTICLE	IF	CITATIONS
19	Harmonization and translation of crop modeling data to ensure interoperability. Environmental Modelling and Software, 2014, 62, 495-508.	4.5	45
20	Evaluating OpenMI as a model integration platform across disciplines. Environmental Modelling and Software, 2013, 39, 274-282.	4.5	42
21	Defining assessment projects and scenarios for policy support: Use of ontology in Integrated Assessment and Modelling. Environmental Modelling and Software, 2009, 24, 1491-1500.	4.5	40
22	Linking models for assessing agricultural land use change. Computers and Electronics in Agriculture, 2011, 76, 148-160.	7.7	40
23	Machine learning for regional crop yield forecasting in Europe. Field Crops Research, 2022, 276, 108377.	5.1	36
24	Ontology for Seamless Integration of Agricultural Data and Models. Communications in Computer and Information Science, 2009, , 282-293.	0.5	22
25	QUICKScan as a quick and participatory methodology for problem identification and scoping in policy processes. Environmental Science and Policy, 2016, 66, 47-61.	4.9	19
26	Cultivating FAIR principles for agri-food data. Computers and Electronics in Agriculture, 2022, 196, 106909.	7.7	12
27	A Generic Farming System Simulator. , 2010, , 109-132.		9
28	A Web-Based Software System for Model Integration in Impact Assessments of Agricultural and Environmental Policies. , 2010, , 207-234.		4
29	AGINFRA PLUS: Running Crop Simulations on the D4Science Distributed e-Infrastructure. IFIP Advances in Information and Communication Technology, 2020, , 81-89.	0.7	3
30	Semantic Modeling in Farming Systems Research - The Case of the Agricultural Management Definition Module. Environmental Science and Engineering, 2007, , 417-432.	0.2	1