Sander Janssen

List of Publications by Year
in descending order

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	Machine learning for regional crop yield forecasting in Europe. Field Crops Research, 2022, 276, 108377.	5.1	36
2	Cultivating FAIR principles for agri-food data. Computers and Electronics in Agriculture, 2022, 196, 106909.	7.7	12
3	Machine learning for large-scale crop yield forecasting. Agricultural Systems, 2021, 187, 103016.	6.1	107
4	The Missing Middle: Connected action on agriculture and nutrition across global, national and local levels to achieve Sustainable Development Goal 2. Global Food Security, 2020, 24, 100336.	8.1	60
5	AGINFRA PLUS: Running Crop Simulations on the D4Science Distributed e-Infrastructure. IFIP Advances in Information and Communication Technology, 2020, , 81-89.	0.7	3
6	25 years of the WOFOST cropping systems model. Agricultural Systems, 2019, 168, 154-167.	6.1	210
7	On the development and use of farm models for policy impact assessment in the European Union â€" A review. Agricultural Systems, 2018, 159, 111-125.	6.1	87
8	Brief history of agricultural systems modeling. Agricultural Systems, 2017, 155, 240-254.	6.1	403
9	Toward a new generation of agricultural system data, models, and knowledge products: State of agricultural systems science. Agricultural Systems, 2017, 155, 269-288.	6.1	261
10	Towards a new generation of agricultural system data, models and knowledge products: Information and communication technology. Agricultural Systems, 2017, 155, 200-212.	6.1	143
11	Analysis of Big Data technologies for use in agro-environmental science. Environmental Modelling and Software, 2016, 84, 494-504.	4.5	145
12	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
13	Crop modelling for integrated assessment of risk to food production from climate change. Environmental Modelling and Software, 2015, 72, 287-303.	4.5	230
14	Agricultural production systems modelling and software: Current status and future prospects. Environmental Modelling and Software, 2015, 72, 276-286.	4.5	165
15	Harmonization and translation of crop modeling data to ensure interoperability. Environmental Modelling and Software, 2014, 62, 495-508.	4.5	45
16	The Agricultural Model Intercomparison and Improvement Project (AgMIP): Protocols and pilot studies. Agricultural and Forest Meteorology, 2013, 170, 166-182.	4.8	715
17	Evaluating OpenMI as a model integration platform across disciplines. Environmental Modelling and Software, 2013, 39, 274-282.	4.5	42
18	Linking models for assessing agricultural land use change. Computers and Electronics in Agriculture, 2011, 76, 148-160.	7.7	40

#	Article	IF	Citations
19	Using a cropping system model at regional scale: Low-data approaches for crop management information and model calibration. Agriculture, Ecosystems and Environment, 2011, 142, 85-94.	5.3	90
20	A Generic Bio-Economic Farm Model for Environmental and Economic Assessment of Agricultural Systems. Environmental Management, 2010, 46, 862-877.	2.7	58
21	FSSIM, a bio-economic farm model for simulating the response of EU farming systems to agricultural and environmental policies. Agricultural Systems, 2010, 103, 585-597.	6.1	125
22	A Generic Farming System Simulator. , 2010, , 109-132.		9
23	A Web-Based Software System for Model Integration in Impact Assessments of Agricultural and Environmental Policies. , 2010, , 207-234.		4
24	A database for integrated assessment of European agricultural systems. Environmental Science and Policy, 2009, 12, 573-587.	4.9	63
25	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
26	Methodology to translate policy assessment problems into scenarios: the example of the SEAMLESS integrated framework. Environmental Science and Policy, 2009, 12, 619-630.	4.9	49
27	A methodology for enhanced flexibility of integrated assessment in agriculture. Environmental Science and Policy, 2009, 12, 546-561.	4.9	97
28	Ontology for Seamless Integration of Agricultural Data and Models. Communications in Computer and Information Science, 2009, , 282-293.	0.5	22
29	Assessing farm innovations and responses to policies: A review of bio-economic farm models. Agricultural Systems, 2007, 94, 622-636.	6.1	338
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