

Pytrik Reidsma

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,097
citations

147566

31
h-index

189595

50
g-index

50
all docs

50
docs citations

50
times ranked

3799
citing authors

#	ARTICLE	IF	CITATIONS
1	Scope and strategies for sustainable intensification of potato production in Northern China. <i>Agronomy Journal</i> , 2020, 112, 3591-3604.	0.9	10
2	A framework to assess the resilience of farming systems. <i>Agricultural Systems</i> , 2019, 176, 102656.	3.2	302
3	To what extent is climate change adaptation a novel challenge for agricultural modellers?. <i>Environmental Modelling and Software</i> , 2019, 120, 104492.	1.9	10
4	Synergy or trade-off? A framework and application to benchmark yield, quality and revenue of potato production. <i>Field Crops Research</i> , 2019, 240, 116-124.	2.3	2
5	A protocol to develop Shared Socio-economic Pathways for European agriculture. <i>Journal of Environmental Management</i> , 2019, 252, 109701.	3.8	26
6	Reconciling global sustainability targets and local action for food production and climate change mitigation. <i>Global Environmental Change</i> , 2019, 59, 101983.	3.6	36
7	Multi-objective optimization as a tool to identify possibilities for future agricultural landscapes. <i>Science of the Total Environment</i> , 2019, 687, 535-545.	3.9	14
8	Is labour a major determinant of yield gaps in sub-Saharan Africa? A study of cereal-based production systems in Southern Ethiopia. <i>Agricultural Systems</i> , 2019, 174, 39-51.	3.2	44
9	Can yield variability be explained? Integrated assessment of maize yield gaps across smallholders in Ghana. <i>Field Crops Research</i> , 2019, 236, 132-144.	2.3	27
10	Sustainable development goal 2: Improved targets and indicators for agriculture and food security. <i>Ambio</i> , 2019, 48, 685-698.	2.8	162
11	Climate-smart land use requires local solutions, transdisciplinary research, policy coherence and transparency. <i>Carbon Management</i> , 2018, 9, 291-301.	1.2	16
12	Sustainability impact assessment tools for land use policy advice: A comparative analysis of five research approaches. <i>Land Use Policy</i> , 2018, 71, 75-85.	2.5	13
13	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.	3.2	87
14	Can potato add to China's food self-sufficiency? The scope for increasing potato production in China. <i>European Journal of Agronomy</i> , 2018, 101, 20-29.	1.9	29
15	Intensification of rice-based farming systems in Central Luzon, Philippines: Constraints at field, farm and regional levels. <i>Agricultural Systems</i> , 2018, 165, 55-70.	3.2	19
16	Impacts of climate change adaptation options on soil functions: A review of European case studies. <i>Land Degradation and Development</i> , 2018, 29, 2378-2389.	1.8	74
17	Exploring farmers' intentions to adopt mobile Short Message Service (SMS) for citizen science in agriculture. <i>Computers and Electronics in Agriculture</i> , 2018, 151, 295-310.	3.7	58
18	Crop and farm level adaptation under future climate challenges: An exploratory study considering multiple objectives for Flevoland, the Netherlands. <i>Agricultural Systems</i> , 2017, 152, 154-164.	3.2	19

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19	Disentangling agronomic and economic yield gaps: An integrated framework and application. <i>Agricultural Systems</i> , 2017, 154, 90-99.	3.2	64
20	Farming systems analysis and design for sustainable intensification: New methods and assessments. <i>European Journal of Agronomy</i> , 2017, 82, 203-205.	1.9	8
21	Review of yield gap explaining factors and opportunities for alternative data collection approaches. <i>European Journal of Agronomy</i> , 2017, 82, 206-222.	1.9	92
22	Explaining rice yields and yield gaps in Central Luzon, Philippines: An application of stochastic frontier analysis and crop modelling. <i>European Journal of Agronomy</i> , 2017, 82, 223-241.	1.9	91
23	Assessing local and regional economic impacts of climatic extremes and feasibility of adaptation measures in Dutch arable farming systems. <i>Agricultural Systems</i> , 2017, 157, 216-229.	3.2	16
24	Yield gaps in Dutch arable farming systems: Analysis at crop and crop rotation level. <i>Agricultural Systems</i> , 2017, 158, 78-92.	3.2	43
25	What are the prospects for citizen science in agriculture? Evidence from three continents on motivation and mobile telephone use of resource-poor farmers. <i>PLoS ONE</i> , 2017, 12, e0175700.	1.1	70
26	Impacts of agricultural changes in response to climate and socioeconomic change on nitrogen deposition in nature reserves. <i>Landscape Ecology</i> , 2015, 30, 871-885.	1.9	12
27	Institutional constraints for adaptive capacity to climate change in Flevoland's agriculture. <i>Environmental Science and Policy</i> , 2015, 48, 147-162.	2.4	21
28	De-mystifying family farming: Features, diversity and trends across the globe. <i>Global Food Security</i> , 2015, 5, 11-18.	4.0	84
29	Sustainable agricultural development in a rural area in the Netherlands? Assessing impacts of climate and socio-economic change at farm and landscape level. <i>Agricultural Systems</i> , 2015, 141, 160-173.	3.2	49
30	Comparing conventional and organic agriculture in Karnataka, India: Where and when can organic farming be sustainable?. <i>Land Use Policy</i> , 2014, 37, 40-51.	2.5	77
31	Causal chains, policy trade offs and sustainability: Analysing land (mis)use in seven countries in the South. <i>Land Use Policy</i> , 2014, 37, 60-70.	2.5	38
32	The role of farmers' objectives in current farm practices and adaptation preferences: a case study in Flevoland, the Netherlands. <i>Regional Environmental Change</i> , 2014, 14, 1463.	1.4	29
33	Assessing climate change and associated socio-economic scenarios for arable farming in the Netherlands: An application of benchmarking and bio-economic farm modelling. <i>European Journal of Agronomy</i> , 2014, 52, 69-80.	1.9	38
34	Identifying entry points to improve fertilizer use efficiency in Taihu Basin, China. <i>Land Use Policy</i> , 2014, 37, 52-59.	2.5	102
35	The policy-relevancy of impact assessment tools: Evaluating nine years of European research funding. <i>Environmental Science and Policy</i> , 2013, 31, 85-95.	2.4	30
36	A spatially explicit scenario-driven model of adaptive capacity to global change in Europe. <i>Global Environmental Change</i> , 2013, 23, 1211-1224.	3.6	41

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37	Participatory design of farm level adaptation to climate risks in an arable region in The Netherlands. <i>European Journal of Agronomy</i> , 2013, 48, 30-42.	1.9	40
38	Scenarios of long-term farm structural change for application in climate change impact assessment. <i>Landscape Ecology</i> , 2012, 27, 509-527.	1.9	38
39	Integrated assessment of agricultural land use policies on nutrient pollution and sustainable development in Taihu Basin, China. <i>Environmental Science and Policy</i> , 2012, 18, 66-76.	2.4	58
40	Methods and tools for integrated assessment of land use policies on sustainable development in developing countries. <i>Land Use Policy</i> , 2011, 28, 604-617.	2.5	93
41	Comments to "Can an integrated farm more resilient against climate change? A micro-econometric analysis of portfolio diversification in African agriculture". <i>Food Policy</i> , 2011, 36, 452-454.	2.8	7
42	Adaptation to climate change and climate variability in European agriculture: The importance of farm level responses. <i>European Journal of Agronomy</i> , 2010, 32, 91-102.	1.9	376
43	Vulnerability and adaptation of European farmers: a multi-level analysis of yield and income responses to climate variability. <i>Regional Environmental Change</i> , 2009, 9, 25.	1.4	81
44	Economic impacts of climatic variability and subsidies on European agriculture and observed adaptation strategies. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2009, 14, 35.	1.0	36
45	Network analysis of N flows and food self-sufficiency—a comparative study of crop-livestock systems of the highlands of East and southern Africa. <i>Nutrient Cycling in Agroecosystems</i> , 2009, 85, 169-186.	1.1	34
46	Regional crop modelling in Europe: The impact of climatic conditions and farm characteristics on maize yields. <i>Agricultural Systems</i> , 2009, 100, 51-60.	3.2	78
47	Analysis of farm performance in Europe under different climatic and management conditions to improve understanding of adaptive capacity. <i>Climatic Change</i> , 2007, 84, 403-422.	1.7	64
48	Impacts of land-use change on biodiversity: An assessment of agricultural biodiversity in the European Union. <i>Agriculture, Ecosystems and Environment</i> , 2006, 114, 86-102.	2.5	293