

Jonathan Hellin

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

4,155
citations

212478

28
h-index

162838

57
g-index

66
all docs

66
docs citations

66
times ranked

4709
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge management for innovation in agri-food systems: a conceptual framework. Knowledge Management Research and Practice, 2023, 21, 303-315.	2.7	28
2	Mitigating agriculture's contribution to air pollution in India. Lancet Planetary Health, The, 2021, 5, e186.	5.1	3
3	Rice Farming in Central Java, Indonesiaâ€™ Adoption of Sustainable Farming Practices, Impacts and Implications. Agronomy, 2021, 11, 881.	1.3	21
4	Improving Nitrogen Use Efficiencyâ€™ A Key for Sustainable Rice Production Systems. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	18
5	Scaling Climate-Smart Agriculture Through Interdisciplinary Research-for-Development: Learning from South and Southeast Asiaâ€™s Rice-Based Systems. , 2021, , 1-16.		0
6	Scaling Climate-Smart Agriculture Through Interdisciplinary Research-for-Development: Learning from South and Southeast Asiaâ€™s Rice-Based Systems. , 2021, , 1187-1202.		0
7	Reflections on Enhancing the Impact of Climate Risk Management Through Transformative Adaptation. Frontiers in Climate, 2021, 3, .	1.3	2
8	Modelos de negocio innovadores con maÃ±z nativo en MÃ©xico. InvestigaciÃ³n Y Ciencia De La Universidad AutÃ³noma De Aguascalientes, 2021, , 50-60.	0.1	0
9	Sustainable agriculture for health and prosperity: stakeholdersâ€™ roles, legitimacy and <i>modus operandi</i>. Development in Practice, 2020, 30, 965-971.	0.6	9
10	Trans-Disciplinary Responses to Climate Change: Lessons from Rice-Based Systems in Asia. Climate, 2020, 8, 35.	1.2	15
11	Why Technologies Often Fail to Scale: Policy and Market Failures behind Limited Scaling of Alternate Wetting and Drying in Rice in Bangladesh. Water (Switzerland), 2020, 12, 1510.	1.2	15
12	Decision-Making to Diversify Farm Systems for Climate Change Adaptation. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	52
13	Digital agriculture and pathways out of poverty: the need for appropriate design, targeting, and scaling. Enterprise Development and Microfinance, 2020, 31, 126-140.	0.1	10
14	Index insurance and climate risk management: Addressing social equity. Development Policy Review, 2019, 37, 581-602.	1.0	35
15	Food security and agriculture in the Western Highlands of Guatemala. Food Security, 2019, 11, 817-833.	2.4	45
16	New records of very high nitrous oxide fluxes from rice cannot be generalized for water management and climate impacts. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1464-1465.	3.3	14
17	The Achilles heel of climate-smart agriculture. Nature Climate Change, 2019, 9, 493-494.	8.1	24
18	Climate-Smart Agriculture and Non-Agricultural Livelihood Transformation. Climate, 2019, 7, 48.	1.2	36

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19	Climate risk management and rural poverty reduction. <i>Agricultural Systems</i> , 2019, 172, 28-46.	3.2	171
20	Local dynamics of native maize value chains in a peri-urban zone in Mexico: The case of San Juan Atzacualoya in the state of Mexico. <i>Journal of Rural Studies</i> , 2018, 64, 28-38.	2.1	10
21	Building pathways out of poverty through climate smart agriculture and effective targeting. <i>Development in Practice</i> , 2018, 28, 974-979.	0.6	20
22	Increasing social-ecological resilience within small-scale agriculture in conflict-affected Guatemala. <i>Ecology and Society</i> , 2018, 23, .	1.0	32
23	Inspiration from the outdoors. <i>Science</i> , 2018, 361, 818-818.	6.0	0
24	Agricultural research organisations' role in the emergence of agricultural innovation systems. <i>Development in Practice</i> , 2017, 27, 111-115.	0.6	14
25	Maize Diversity, Market Access, and Poverty Reduction in the Western Highlands of Guatemala. <i>Mountain Research and Development</i> , 2017, 37, 188-197.	0.4	27
26	Crossfire: Private sector engagement in smallholder value chains. <i>Enterprise Development and Microfinance</i> , 2017, 28, 6-9.	0.1	0
27	Addressing conflict through collective action in natural resource management. <i>International Journal of the Commons</i> , 2017, 11, 877-906.	0.6	44
28	Productivity differences and food security: a metafrontier analysis of rain-fed maize farmers in MasAgro in Mexico. <i>AIMS Agriculture and Food</i> , 2017, 2, 129-148.	0.8	8
29	The evolution of the MasAgro hubs: responsiveness and serendipity as drivers of agricultural innovation in a dynamic and heterogeneous context. <i>Journal of Agricultural Education and Extension</i> , 2016, 22, 455-470.	1.1	22
30	Soil and water conservation on Central American hillsides: if more technologies is the answer, what is the question?. <i>AIMS Agriculture and Food</i> , 2016, 1, 194-207.	0.8	14
31	Social and income trade-offs of conservation agriculture practices on crop residue use in Mexico's central highlands. <i>Agricultural Systems</i> , 2015, 134, 61-75.	3.2	22
32	Maize Landraces and Adaptation to Climate Change in Mexico. <i>Journal of Crop Improvement</i> , 2014, 28, 484-501.	0.9	67
33	Adapting maize production to climate change in sub-Saharan Africa. <i>Food Security</i> , 2013, 5, 345-360.	2.4	319
34	Beyond climate-smart agriculture: toward safe operating spaces for global food systems. <i>Agriculture and Food Security</i> , 2013, 2, .	1.6	109
35	Maize stover use and sustainable crop production in mixed crop-livestock systems in Mexico. <i>Field Crops Research</i> , 2013, 153, 12-21.	2.3	57
36	Effectiveness of hermetic systems in controlling maize storage pests in Kenya. <i>Journal of Stored Products Research</i> , 2013, 53, 27-36.	1.2	131

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37	Diverse Varieties and Diverse Markets: Scale-related Maize Profitability Crossover in the Central Mexican Highlands. <i>Human Ecology</i> , 2013, 41, 683-705.	0.7	31
38	LA IMPORTANCIA DE LOS NICHOS DE MERCADO. UN ESTUDIO DE CASO DEL MAÍZ AZUL Y DEL MAÍZ PARA POZOLE EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2013, 36, 315.	0.0	11
39	Enhancing Crop Diversity and Livelihood Security in the Andes Through the Emergence of Agricultural Innovation Systems. , 2013, , 39-50.		0
40	Global crop improvement networks to bridge technology gaps. <i>Journal of Experimental Botany</i> , 2012, 63, 1-12.	2.4	47
41	Conservation Agriculture in Maize- and Wheat-Based Systems in the (Sub)tropics: Lessons from Adaptation Initiatives in South Asia, Mexico, and Southern Africa. <i>Agroecology and Sustainable Food Systems</i> , 2012, 36, 180-206.	0.9	115
42	Agricultural Extension, Collective Action and Innovation Systems: Lessons on Network Brokering from Peru and Mexico. <i>Journal of Agricultural Education and Extension</i> , 2012, 18, 141-159.	1.1	64
43	Planting Hybrids, Keeping Landraces: Agricultural Modernization and Tradition Among Small-Scale Maize Farmers in Chiapas, Mexico. <i>World Development</i> , 2011, 39, 1434-1443.	2.6	78
44	The metal silo: An effective grain storage technology for reducing post-harvest insect and pathogen losses in maize while improving smallholder farmers' food security in developing countries. <i>Crop Protection</i> , 2011, 30, 240-245.	1.0	208
45	Assessing the vulnerability of traditional maize seed systems in Mexico to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13432-13437.	3.3	138
46	Crops that feed the world 6. Past successes and future challenges to the role played by maize in global food security. <i>Food Security</i> , 2011, 3, 307-327.	2.4	805
47	Improving market access and agricultural productivity growth in Africa: what role for producer organizations and collective action institutions?. <i>Food Security</i> , 2011, 3, 475-489.	2.4	132
48	High-Value Agricultural Products and Poverty Reduction: Smallholder Farmer Access to Maize Markets. <i>Journal of Crop Improvement</i> , 2011, 25, 371-391.	0.9	10
49	Maize diversity and gender: research from Mexico. <i>Gender and Development</i> , 2010, 18, 427-437.	0.4	14
50	Smallholder Farmers and Maize in Mexico: A Value-Chain Approach to Improved Targeting of Crop-Breeding Programs. <i>Journal of New Seeds</i> , 2010, 11, 262-280.	0.3	2
51	Livelihoods-based impact assessment in the rice-wheat farming system of South Asia. <i>Development in Practice</i> , 2010, 20, 933-945.	0.6	0
52	Poverty mapping based on livelihood assets: A meso-level application in the Indo-Gangetic Plains, India. <i>Applied Geography</i> , 2010, 30, 112-125.	1.7	84
53	Maize-Poultry Value Chains in India: Implications for Research and Development. <i>Journal of New Seeds</i> , 2009, 10, 245-263.	0.3	28
54	Specialty Maize Varieties in Mexico: A Case Study in Market-Driven Agro-Biodiversity Conservation. <i>Journal of Latin American Geography</i> , 2009, 8, 147-174.	0.0	33

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55	Maize diversity, rural development policy, and farmers'™ practices: lessons from Chiapas, Mexico. <i>Geographical Journal</i> , 2009, 175, 52-70.	1.6	55
56	Collective action for smallholder market access. <i>Food Policy</i> , 2009, 34, 1-7.	2.8	458
57	Farmer organization, collective action and market access in Meso-America. <i>Food Policy</i> , 2009, 34, 16-22.	2.8	237
58	Maize diversity, poverty, and market access: lessons from Mexico. <i>Development in Practice</i> , 2009, 19, 187-199.	0.6	16
59	Operationalising participatory research and farmer-to-farmer extension: the <i>Kamayoq</i> in Peru. <i>Development in Practice</i> , 2008, 18, 627-632.	0.6	24
60	Adoption and economic impact of improved wheat varieties in the developing world. <i>Journal of Agricultural Science</i> , 2006, 144, 489-502.	0.6	47
61	Crop diversity and livelihood security in the andes. <i>Development in Practice</i> , 2005, 15, 165-174.	0.6	55
62	Headwater deforestation: a challenge for environmental management. <i>Global Environmental Change</i> , 2004, 14, 51-61.	3.6	30
63	Where there is no doctor. <i>Lancet, The</i> , 2002, 360, 96.	6.3	0
64	Coca Eradication in the Andes: Lessons from Bolivia. <i>Capitalism, Nature, Socialism</i> , 2001, 12, 139-157.	0.9	3
65	Rainfall characteristics of hurricane Mitch. <i>Nature</i> , 1999, 399, 316-316.	13.7	33