Ken E Giller

List of Publications by Year
in descending order

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395 papers	27,040 citations	6592 79 h-index	9073 144 g-index
408 all docs	408 docs citations	408 times ranked	18752 citing authors

#	Article	IF	Citations
1	Growing cotton to produce food: Unravelling interactions between value chains in southern Mali. Development Policy Review, 2022, 40, .	1.0	1
2	Manure matters: prospects for regional banana-livestock integration for sustainable intensification in South-West Uganda. International Journal of Agricultural Sustainability, 2022, 20, 821-843.	1.3	4
3	What Farm Size Sustains a Living? Exploring Future Options to Attain a Living Income From Smallholder Farming in the East African Highlands. Frontiers in Sustainable Food Systems, 2022, 5, .	1.8	6
4	Mapping spatial distribution and geographic shifts of East African highland banana (Musa spp.) in Uganda. PLoS ONE, 2022, 17, e0263439.	1.1	6
5	Quantifying country-to-global scale nitrogen fixation for grain legumes II. Coefficients, templates and estimates for soybean, groundnut and pulses. Plant and Soil, 2022, 474, 1-15.	1.8	26
6	What is â€˜conventionalâ€™ agriculture?. Global Food Security, 2022, 32, 100617.	4.0	53
7	Soil biodiversity and nature-mimicry in agriculture; the power of metaphor?. Outlook on Agriculture, 2022, 51, 75-90.	1.8	14
8	Commodity crops in biodiversity-rich production landscapes: Friends or foes? The example of cotton in the Mid Zambezi Valley, Zimbabwe. Biological Conservation, 2022, 267, 109496.	1.9	3
9	Productivity and constraints of small-scale crop farming in the summer rainfall region of South Africa. Outlook on Agriculture, 2022, 51, 139-154.	1.8	6
10	LINTUL-Cassava-NPK: A simulation model for nutrient-limited cassava growth. Field Crops Research, 2022, 281, 108488.	2.3	5
11	Assessing the nutritional quality of stored grain legume fodders: Correlations among farmersâ€™ perceptions, sheep preferences, leaf-stem ratios and laboratory analyses. Small Ruminant Research, 2022, 210, 106673.	0.6	1
12	Change in the climate and other factors affecting agriculture, food or poverty: An opportunity, a threat or both? A personal perspective. Global Food Security, 2022, 33, 100623.	4.0	9
13	Why the Buzz on Regenerative Agriculture?. , 2022, 1, .		0
14	Indifferent to difference? Understanding the unequal impacts of farming technologies among smallholders. A review. Agronomy for Sustainable Development, 2022, 42, .	2.2	2
15	Wetlands in drylands: Use and conflict dynamics at the humanâ€“wildlife interface in Mbire District, Zimbabwe. African Journal of Ecology, 2022, 60, 1184-1200.	0.4	1
16	Living income benchmarking of rural households in low-income countries. Food Security, 2021, 13, 729-749.	2.4	16
17	Herbicide Induced Hunger? Conservation Agriculture, Ganyu Labour and Rural Poverty in Central Malawi. Journal of Development Studies, 2021, 57, 244-263.	1.2	15
18	Adapting yet not adopting? Conservation agriculture in Central Malawi. Agriculture, Ecosystems and Environment, 2021, 307, 107224.	2.5	24

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19	The effects of management practices on soil organic carbon stocks of oil palm plantations in Sumatra, Indonesia. Journal of Environmental Management, 2021, 278, 111446.	3.8	17
20	Phylogeography and Symbiotic Effectiveness of Rhizobia Nodulating Chickpea (Cicer arietinum L.) in Ethiopia. Microbial Ecology, 2021, 81, 703-716.	1.4	6
21	Intercropping of climbing bean (Phaseolus vulgaris, L.) and East African highland banana (Musa spp.) in the Ugandan highlands. Experimental Agriculture, 2021, 57, 1-14.	0.4	2
22	A recalibrated and tested LINTUL-Cassava simulation model provides insight into the high yield potential of cassava under rainfed conditions. European Journal of Agronomy, 2021, 124, 126242.	1.9	12
23	â€œThat is my farmâ€•â€“ An integrated co-learning approach for whole-farm sustainable intensification in smallholder farming. Agricultural Systems, 2021, 188, 103041.	3.2	14
24	Regenerative Agriculture: An agronomic perspective. Outlook on Agriculture, 2021, 50, 13-25.	1.8	185
25	Phylogeographic distribution of rhizobia nodulating common bean (Phaseolus vulgaris L.) in Ethiopia. FEMS Microbiology Ecology, 2021, 97, .	1.3	8
26	Rejoinder to letter to the editors. Geoderma, 2021, 387, 114862.	2.3	0
27	Mapping micronutrients in grain and soil unearths hidden hunger in Africa. Nature, 2021, 594, 31-32.	13.7	8
28	A Research Road Map for Responsible Use of Agricultural Nitrogen. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	48
29	Basket of options: Unpacking the concept. Outlook on Agriculture, 2021, 50, 116-124.	1.8	15
30	How sustainable is sustainable intensification? Assessing yield gaps at field and farm level across the globe. Global Food Security, 2021, 30, 100552.	4.0	30
31	Statement based on the 4ÂTH international conference on global food security â€“ December 2020: Challenges for a disruptive research Agenda. Global Food Security, 2021, 30, 100554.	4.0	4
32	Integrating the soybean-maize-chicken value chains to attain nutritious diets in Tanzania. Food Security, 2021, 13, 1595-1612.	2.4	7
33	The future of farming: Who will produce our food?. Food Security, 2021, 13, 1073-1099.	2.4	167
34	Efficacy of Nutrient Management Options for Finger Millet Production on Degraded Smallholder Farms in Eastern Uganda. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	2
35	On-farm trees are a safety net for the poorest households rather than a major contributor to food security in Rwanda. Food Security, 2021, 13, 685-699.	2.4	7
36	Dynamics of N-P-K demand and uptake in cassava. Agronomy for Sustainable Development, 2021, 41, 1.	2.2	14

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37	Quantifying country-to-global scale nitrogen fixation for grain legumes: I. Reliance on nitrogen fixation of soybean, groundnut and pulses. Plant and Soil, 2021, 469, 1-14.	1.8	32
38	Small farms and development in sub-Saharan Africa: Farming for food, for income or for lack of better options?. Food Security, 2021, 13, 1431-1454.	2.4	72
39	A Living Income for Cocoa Producers in CÃ´te d'Ivoire and Ghana?. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	14
40	Nutrient Deficiencies Are Key Constraints to Grain Legume Productivity on â€œNon-responsiveâ€•Soils in Sub-Saharan Africa. Frontiers in Sustainable Food Systems, 2021, 5, .	1.8	4
41	Should fertilizer recommendations be adapted to parkland agroforestry systems? Case studies from Ethiopia and Rwanda. Plant and Soil, 2020, 453, 173-188.	1.8	16
42	Micro-livestock in smallholder farming systems: the role, challenges and opportunities for cavies in South Kivu, eastern DR Congo. Tropical Animal Health and Production, 2020, 52, 1167-1177.	0.5	3
43	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.	4.0	60
44	Carbon-free conferencing in the age of COVID-19. Outlook on Agriculture, 2020, 49, 321-329.	1.8	3
45	Diversity in perception and management of farming risks in southern Mali. Agricultural Systems, 2020, 184, 102905.	3.2	15
46	Symbiotic interactions between chickpea (Cicer arietinum L.) genotypes and Mesorhizobium strains. Symbiosis, 2020, 82, 235-248.	1.2	9
47	Reproducibility and external validity of on-farm experimental research in Africa. Experimental Agriculture, 2020, 56, 587-607.	0.4	12
48	Reliable quantification of N2 fixation by non-legumes remains problematic. Nutrient Cycling in Agroecosystems, 2020, 118, 223-225.	1.1	8
49	Farmersâ€™ Perceptions as a Driver of Agricultural Practices: Understanding Soil Fertility Management Practices in Cocoa Agroforestry Systems in Cameroon. Human Ecology, 2020, 48, 709-720.	0.7	18
50	The Food Security Conundrum of sub-Saharan Africa. Global Food Security, 2020, 26, 100431.	4.0	84
51	The response of climbing bean to fertilizer and organic manure in the Northern Province of Rwanda. Experimental Agriculture, 2020, 56, 722-737.	0.4	5
52	Soil-based, field-specific fertilizer recommendations are a pipe-dream. Geoderma, 2020, 380, 114680.	2.3	38
53	Towards closing cassava yield gap in West Africa: Agronomic efficiency and storage root yield responses to NPK fertilizers. Field Crops Research, 2020, 253, 107820.	2.3	27
54	Grounding the helicopters. Geoderma, 2020, 373, 114302.	2.3	13

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55	Closing yield gaps in oil palm production systems in Ghana through Best Management Practices. European Journal of Agronomy, 2020, 115, 126011.	1.9	29
56	Evaluating the effects of storage conditions on dry matter loss and nutritional quality of grain legume fodders in West Africa. Animal Feed Science and Technology, 2020, 262, 114419.	1.1	11
57	Climate-smart crop production: understanding complexity for achieving triple-wins. Burleigh Dodds Series in Agricultural Science, 2020, , .	0.1	5
58	Grand challenges for the 21st century: what crop models can and can't (yet) do. Journal of Agricultural Science, 2020, 158, 794-805.	0.6	28
59	Sustainable intensification of agriculture in Africa. Frontiers of Agricultural Science and Engineering, 2020, 7, 371.	0.9	6
60	ARE FARMERS SEARCHING FOR AN AFRICAN GREEN REVOLUTION? EXPLORING THE SOLUTION SPACE FOR AGRICULTURAL INTENSIFICATION IN SOUTHERN MALI. Experimental Agriculture, 2019, 55, 288-310.	0.4	21
61	DO OPEN-POLLINATED MAIZE VARIETIES PERFORM BETTER THAN HYBRIDS IN AGROFORESTRY SYSTEMS?. Experimental Agriculture, 2019, 55, 649-661.	0.4	9
62	LEGUMEâ€“MAIZE ROTATION OR RELAY? OPTIONS FOR ECOLOGICAL INTENSIFICATION OF SMALLHOLDER FARMS IN THE GUINEA SAVANNA OF NORTHERN GHANA. Experimental Agriculture, 2019, 55, 673-691.	0.4	11
63	FERTILISER APPLICATION PRACTICES AND NUTRIENT DEFICIENCIES IN SMALLHOLDER OIL PALM PLANTATIONS IN INDONESIA. Experimental Agriculture, 2019, 55, 543-559.	0.4	35
64	Vulnerability and adaptation options to climate change for rural livelihoods â€“ A country-wide analysis for Uganda. Agricultural Systems, 2019, 176, 102663.	3.2	30
65	Soil greenhouse gas emissions from inorganic fertilizers and recycled oil palm waste products from Indonesian oil palm plantations. GCB Bioenergy, 2019, 11, 1056-1074.	2.5	24
66	The role of legumes in the sustainable intensification of African smallholder agriculture: Lessons learnt and challenges for the future. Agriculture, Ecosystems and Environment, 2019, 284, 106583.	2.5	118
67	Applying the Aboveground-Belowground Interaction Concept in Agriculture: Spatio-Temporal Scales Matter. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	20
68	A recipe for success? Learning from the rapid adoption of improved chickpea varieties in Ethiopia. International Journal of Agricultural Sustainability, 2019, 17, 34-48.	1.3	35
69	Is labour a major determinant of yield gaps in sub-Saharan Africa? A study of cereal-based production systems in Southern Ethiopia. Agricultural Systems, 2019, 174, 39-51.	3.2	44
70	Co-design of improved climbing bean production practices for smallholder farmers in the highlands of Uganda. Agricultural Systems, 2019, 175, 1-12.	3.2	11
71	Genome Editing, Gene Drives, and Synthetic Biology: Will They Contribute to Disease-Resistant Crops, and Who Will Benefit?. Annual Review of Phytopathology, 2019, 57, 165-188.	3.5	64
72	The influence of water and nutrient management on oil palm yield trends on a large-scale plantation in Ghana. Agricultural Water Management, 2019, 221, 377-387.	2.4	8

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73	DOING DEVELOPMENT-ORIENTED AGRONOMY: RETHINKING METHODS, CONCEPTS AND DIRECTION. Experimental Agriculture, 2019, 55, 157-162.	0.4	6
74	Current and potential role of grain legumes on protein and micronutrient adequacy of the diet of rural Ghanaian infants and young children: using linear programming. Nutrition Journal, 2019, 18, 12.	1.5	27
75	Learning from the soilâ€™s memory: Tailoring of fertilizer application based on past manure applications increases fertilizer use efficiency and crop productivity on Kenyan smallholder farms. European Journal of Agronomy, 2019, 105, 52-61.	1.9	27
76	Australian wheat beats the heat. Nature Climate Change, 2019, 9, 189-190.	8.1	4
77	Genetic Interaction Studies Reveal Superior Performance of Rhizobium tropici CIAT899 on a Range of Diverse East African Common Bean (Phaseolus vulgaris L.) Genotypes. Applied and Environmental Microbiology, 2019, 85, .	1.4	29
78	FROM BEST FIT TECHNOLOGIES TO BEST FIT SCALING: INCORPORATING AND EVALUATING FACTORS AFFECTING THE ADOPTION OF GRAIN LEGUMES IN SUB-SAHARAN AFRICA. Experimental Agriculture, 2019, 55, 226-251.	0.4	7
79	MAKING THE MOST OF IMPERFECT DATA: A CRITICAL EVALUATION OF STANDARD INFORMATION COLLECTED IN FARM HOUSEHOLD SURVEYS. Experimental Agriculture, 2019, 55, 230-250.	0.4	39
80	Sustainable development goal 2: Improved targets and indicators for agriculture and food security. Ambio, 2019, 48, 685-698.	2.8	162
81	Agricultural land use change and associated driving forces over the past 180Âyears in two municipalities of the Brazilian Cerrado. Geo Journal, 2019, 84, 555-570.	1.7	7
82	WHICH OPTIONS FIT BEST? OPERATIONALIZING THE SOCIO-ECOLOGICAL NICHE CONCEPT. Experimental Agriculture, 2019, 55, 169-190.	0.4	42
83	POOR FARMERS â€“ POOR YIELDS: SOCIO-ECONOMIC, SOIL FERTILITY AND CROP MANAGEMENT INDICATORS AFFECTING CLIMBING BEAN PRODUCTIVITY IN NORTHERN RWANDA. Experimental Agriculture, 2019, 55, 14-34.	0.4	29
84	BEYOND AVERAGES: NEW APPROACHES TO UNDERSTAND HETEROGENEITY AND RISK OF TECHNOLOGY SUCCESS OR FAILURE IN SMALLHOLDER FARMING. Experimental Agriculture, 2019, 55, 84-106.	0.4	52
85	Simulating drought impact and mitigation in cassava using the LINTUL model. Field Crops Research, 2018, 219, 256-272.	2.3	23
86	Crop vs. tree: Can agronomic management reduce trade-offs in tree-crop interactions?. Agriculture, Ecosystems and Environment, 2018, 260, 36-46.	2.5	21
87	Excessive pruning and limited regeneration: Are Faidherbia albida parklands heading for extinction in the Central Rift Valley of Ethiopia?. Land Degradation and Development, 2018, 29, 1623-1633.	1.8	12
88	Nutritional imbalance in smallholder oil palm plantations in Indonesia. Nutrient Cycling in Agroecosystems, 2018, 111, 73-86.	1.1	28
89	Climate-smart land use requires local solutions, transdisciplinary research, policy coherence and transparency. Carbon Management, 2018, 9, 291-301.	1.2	16
90	Additive yield response of chickpea (Cicer arietinum L.) to rhizobium inoculation and phosphorus fertilizer across smallholder farms in Ethiopia. Agriculture, Ecosystems and Environment, 2018, 261, 144-152.	2.5	60

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91	Understanding variability in the benefits of N2-fixation in soybean-maize rotations on smallholder farmersâ€™ fields in Malawi. Agriculture, Ecosystems and Environment, 2018, 261, 241-250.	2.5	38
92	Climate-smart agroforestry: Faidherbia albida trees buffer wheat against climatic extremes in the Central Rift Valley of Ethiopia. Agricultural and Forest Meteorology, 2018, 248, 339-347.	1.9	87
93	Sustainable intensification through rotations with grain legumes in Sub-Saharan Africa: A review. Agriculture, Ecosystems and Environment, 2018, 261, 172-185.	2.5	141
94	Farmersâ€™ use and adaptation of improved climbing bean production practices in the highlands of Uganda. Agriculture, Ecosystems and Environment, 2018, 261, 186-200.	2.5	28
95	Are traditional home gardens in southern Ethiopia heading for extinction? Implications for productivity, plant species richness and food security. Agriculture, Ecosystems and Environment, 2018, 252, 1-13.	2.5	40
96	Benefits of inoculation, P fertilizer and manure on yields of common bean and soybean also increase yield of subsequent maize. Agriculture, Ecosystems and Environment, 2018, 261, 219-229.	2.5	50
97	Soyabean response to rhizobium inoculation across sub-Saharan Africa: Patterns of variation and the role of promiscuity. Agriculture, Ecosystems and Environment, 2018, 261, 211-218.	2.5	38
98	Agricultural intensification and policy interventions: Exploring plausible futures for smallholder farmers in Southern Mali. Land Use Policy, 2018, 70, 623-634.	2.5	18
99	Home garden system dynamics in Southern Ethiopia. Agroforestry Systems, 2018, 92, 1579-1595.	0.9	34
100	Using household survey data to identify large-scale food security patterns across Uganda. PLoS ONE, 2018, 13, e0208714.	1.1	12
101	Editorial overview: The SDGs â€“ aspirations or inspirations for global sustainability. Current Opinion in Environmental Sustainability, 2018, 34, A1-A2.	3.1	8
102	A framework for priority-setting in climate smart agriculture research. Agricultural Systems, 2018, 167, 161-175.	3.2	95
103	The devil is in the detail!. , 2018, , 427-449.		3
104	Food and nutrient gaps in rural Northern Ghana: Does production of smallholder farming households support adoption of food-based dietary guidelines?. PLoS ONE, 2018, 13, e0204014.	1.1	19
105	Risk management options in maize cropping systems in semi-arid areas of Southern Africa. Field Crops Research, 2018, 228, 110-121.	2.3	7
106	Changes in soil organic carbon stocks after conversion from forest to oil palm plantations in Malaysian Borneo. Environmental Research Letters, 2018, 13, 105001.	2.2	30
107	Yield gap analysis and entry points for improving productivity on large oil palm plantations and smallholder farms in Ghana. Agricultural Systems, 2018, 165, 14-25.	3.2	33
108	How do climbing beans fit in farming systems of the eastern highlands of Uganda? Understanding opportunities and constraints at farm level. Agricultural Systems, 2018, 165, 97-110.	3.2	5

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109	Can farming provide a way out of poverty for smallholder farmers in central Mozambique?. Agricultural Systems, 2018, 165, 240-251.	3.2	14
110	Decision Support System for Site-Specific Fertilizer Recommendations in Cassava Production in Southern Togo. , 2018, , 125-138.		0
111	Conservation agriculture with trees amplifies negative effects of reduced tillage on maize performance in East Africa. Field Crops Research, 2018, 221, 238-244.	2.3	18
112	N2-fixation and N contribution by grain legumes under different soil fertility status and cropping systems in the Guinea savanna of northern Ghana. Agriculture, Ecosystems and Environment, 2018, 261, 201-210.	2.5	75
113	Managing Nutrients for Climatic Resilience in African Smallholder Maize Production. , 2018, 102, 29-32.		0
114	Tillage, mulch and fertiliser impacts on soil nitrogen availability and maize production in semi-arid Zimbabwe. Soil and Tillage Research, 2017, 168, 125-132.	2.6	45
115	Yield gaps in oil palm: A quantitative review of contributing factors. European Journal of Agronomy, 2017, 83, 57-77.	1.9	271
116	Is production intensification likely to make farm households food-adequate? A simple food availability analysis across smallholder farming systems from East and West Africa. Food Security, 2017, 9, 115-131.	2.4	58
117	Elevating the conversation about GE crops. Nature Biotechnology, 2017, 35, 302-304.	9.4	6
118	Tree-crop interactions in maize-eucalypt woodlot systems in southern Rwanda. European Journal of Agronomy, 2017, 86, 78-86.	1.9	10
119	Is maize-cowpea intercropping a viable option for smallholder farms in the risky environments of semi-arid southern Africa?. Field Crops Research, 2017, 209, 73-87.	2.3	43
120	Modelling cereal crops to assess future climate risk for family food self-sufficiency in southern Mali. Field Crops Research, 2017, 201, 133-145.	2.3	48
121	Precision farming for increased land and labour productivity in semi-arid West Africa. A review. Agronomy for Sustainable Development, 2017, 37, 1.	2.2	47
122	Agronomic biofortification of crops to fight hidden hunger in sub-Saharan Africa. Global Food Security, 2017, 12, 8-14.	4.0	211
123	Strong spatial-temporal patterns in maize yield response to nutrient additions in African smallholder farms. Field Crops Research, 2017, 214, 321-330.	2.3	44
124	Understanding cassava yield response to soil and fertilizer nutrient supply in West Africa. Plant and Soil, 2017, 420, 331-347.	1.8	18
125	Maize-grain legume intercropping for enhanced resource use efficiency and crop productivity in the Guinea savanna of northern Ghana. Field Crops Research, 2017, 213, 38-50.	2.3	128
126	Disentangling the positive and negative effects of trees on maize performance in smallholdings of Northern Rwanda. Field Crops Research, 2017, 213, 1-11.	2.3	26

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127	Grain legume cultivation and childrenâ€™s dietary diversity in smallholder farming households in rural Ghana and Kenya. Food Security, 2017, 9, 1053-1071.	2.4	14
128	Collective action in a smallholder oil palm production system in Indonesia: The key to sustainable and inclusive smallholder palm oil?. Journal of Rural Studies, 2017, 54, 198-210.	2.1	43
129	Co-learning cycles to support the design of innovative farm systems in southern Mali. European Journal of Agronomy, 2017, 89, 61-74.	1.9	48
130	Water and radiation use efficiencies explain the effect of potassium on the productivity of cassava. European Journal of Agronomy, 2017, 83, 28-39.	1.9	22
131	Food availability and livelihood strategies among rural households across Uganda. Food Security, 2017, 9, 1385-1403.	2.4	36
132	Where is sugarcane cropping expanding in the brazilian cerrado, and why? A case study. Anais Da Academia Brasileira De Ciencias, 2017, 89, 2485-2493.	0.3	7
133	Mineral Nutrition of Cocoa. Advances in Agronomy, 2017, , 185-270.	2.4	52
134	A Golden Age for Agronomy?. , 2017, , 150-160.		17
135	Biological Nitrogen Fixation: Forms and Regulating Factors. , 2017, , 232-234.		1
136	Population and livelihoods on the edge. , 2017, , 62-84.		0
137	Whither TFCAs and people on the edge in Southern Africa?. , 2017, , 192-203.		1
138	Drivers of household food availability in sub-Saharan Africa based on big data from small farms. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 458-463.	3.3	248
139	Climate change adaptation and mitigation in smallholder cropâ€“livestock systems in sub-Saharan Africa: a call for integrated impact assessments. Regional Environmental Change, 2016, 16, 2331-2343.	1.4	100
140	Diversity in crop residue management across an intensification gradient in southern Africa: System dynamics and crop productivity. Field Crops Research, 2016, 185, 79-88.	2.3	19
141	Adaptation of agriculture to climate change in semi-arid Borena, Ethiopia. Regional Environmental Change, 2016, 16, 2317-2330.	1.4	28
142	Unravelling the causes of variability in crop yields and treatment responses for better tailoring of options for sustainable intensification in southern Mali. Field Crops Research, 2016, 187, 113-126.	2.3	42
143	Migration and Self-Protection Against Climate Change: A Case Study of Samburu County, Kenya. World Development, 2016, 84, 55-68.	2.6	42
144	Livestock wealth and social capital as insurance against climate risk: A case study of Samburu County in Kenya. Agricultural Systems, 2016, 146, 44-54.	3.2	29

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145	Waking the Sleeping Giant: Agricultural intensification, extensification or stagnation in Mali's Guinea Savannah. Agricultural Systems, 2016, 148, 58-70.	3.2	21
146	Understanding variability in soybean yield and response to P-fertilizer and rhizobium inoculants on farmersâ€™ fields in northern Nigeria. Field Crops Research, 2016, 186, 133-145.	2.3	119
147	Fertiliser requirements for balanced nutrition of cassava across eight locations in West Africa. Field Crops Research, 2016, 185, 69-78.	2.3	56
148	Methods for Environment: Productivity Trade-Off Analysis in Agricultural Systems. , 2016, , 189-198.		0
149	CLIMATE VARIABILITY AND CHANGE IN SOUTHERN MALI: LEARNING FROM FARMER PERCEPTIONS AND ON-FARM TRIALS. Experimental Agriculture, 2015, 51, 615-634.	0.4	34
150	Milk: the new white gold? Milk production options for smallholder farmers in Southern Mali. Animal, 2015, 9, 1221-1229.	1.3	13
151	Understanding farm trajectories and development pathways: Two decades of change in southern Mali. Agricultural Systems, 2015, 139, 210-222.	3.2	36
152	Which smallholder farmers benefit most from biomass production for food and biofuel? The case of Gondola district, central Mozambique. Biomass and Bioenergy, 2015, 83, 257-268.	2.9	10
153	Climate change and maize yield in southern Africa: what can farm management do?. Global Change Biology, 2015, 21, 4588-4601.	4.2	81
154	Integrated soil fertility management in sub-Saharan Africa: unravelling local adaptation. Soil, 2015, 1, 491-508.	2.2	263
155	Beyond conservation agriculture. Frontiers in Plant Science, 2015, 6, 870.	1.7	269
156	Labour not land constrains agricultural production and food self-sufficiency in maize-based smallholder farming systems in Mozambique. Food Security, 2015, 7, 857-874.	2.4	37
157	PRACT (Prototyping Rotation and Association with Cover crop and no Till) â€“ a tool for designing conservation agriculture systems. European Journal of Agronomy, 2015, 69, 21-31.	1.9	12
158	Fuelwood collection and its impacts on a protected tropical mountain forest in Uganda. Forest Ecology and Management, 2015, 354, 56-67.	1.4	45
159	DIVERSITY IN SMALLHOLDER FARMS GROWING COFFEE AND THEIR USE OF RECOMMENDED COFFEE MANAGEMENT PRACTICES IN UGANDA. Experimental Agriculture, 2015, 51, 594-614.	0.4	10
160	Relationships among Jatropha curcas seed yield and vegetative plant components under different management and cropping systems in Indonesia. Biomass and Bioenergy, 2015, 80, 128-139.	2.9	13
161	De-mystifying family farming: Features, diversity and trends across the globe. Global Food Security, 2015, 5, 11-18.	4.0	84
162	Water use by short rotation Eucalyptus woodlots in southern Rwanda. Agroforestry Systems, 2015, 89, 1119-1139.	0.9	7

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163	Maize crop residue uses and trade-offs on smallholder crop-livestock farms in Zimbabwe: Economic implications of intensification. Agriculture, Ecosystems and Environment, 2015, 214, 31-45.	2.5	30
164	Evaluating coffee yield gaps and important biotic, abiotic, and management factors limiting coffee production in Uganda. European Journal of Agronomy, 2015, 63, 1-11.	1.9	88
165	Trade-offs around the use of biomass for livestock feed and soil cover in dairy farms in the Alaotra lake region of Madagascar. Agricultural Systems, 2015, 134, 36-47.	3.2	29
166	Feeding, crop residue and manure management for integrated soil fertility management â€“ A case study from Kenya. Agricultural Systems, 2015, 134, 24-35.	3.2	71
167	Key role of China and its agriculture in global sustainable phosphorus management. Environmental Research Letters, 2014, 9, 054003.	2.2	65
168	Response to Sommer et al. (2014) â€œFertilizer use is not required as a fourth principle to define Conservation Agricultureâ€: Field Crops Research, 2014, 169, 149.	2.3	2
169	Resource use and food self-sufficiency at farm scale within two agro-ecological zones of Rwanda. Food Security, 2014, 6, 609-628.	2.4	18
170	A fourth principle is required to define Conservation Agriculture in sub-Saharan Africa: The appropriate use of fertilizer to enhance crop productivity. Field Crops Research, 2014, 155, 10-13.	2.3	265
171	Three Interwoven Dimensions of Natural Resource Use: Quantity, Quality and Access in the Great Limpopo Transfrontier Conservation Area. Human Ecology, 2014, 42, 199-215.	0.7	19
172	Comparative assessment of maize, finger millet and sorghum for household food security in the face of increasing climatic risk. European Journal of Agronomy, 2014, 55, 29-41.	1.9	51
173	Achieving global food security whilst reconciling demands on the environment: report of the First International Conference on Global Food Security. Food Security, 2014, 6, 299-302.	2.4	15
174	Analysis of trade-offs in agricultural systems: current status and way forward. Current Opinion in Environmental Sustainability, 2014, 6, 110-115.	3.1	105
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