

# Bekele A Shiferaw

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

7,901  
citations

117625

34  
h-index

214800

47  
g-index

50  
all docs

50  
docs citations

50  
times ranked

6423  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.3	805
2	Crops that feed the world 10. Past successes and future challenges to the role played by wheat in global food security. <i>Food Security</i> , 2013, 5, 291-317.	5.3	709
3	Coping better with current climatic variability in the rain-fed farming systems of sub-Saharan Africa: An essential first step in adapting to future climate change?. <i>Agriculture, Ecosystems and Environment</i> , 2008, 126, 24-35.	5.3	602
4	Adoption of interrelated sustainable agricultural practices in smallholder systems: Evidence from rural Tanzania. <i>Technological Forecasting and Social Change</i> , 2013, 80, 525-540.	11.6	465
5	Adoption of Multiple Sustainable Agricultural Practices in Rural Ethiopia. <i>Journal of Agricultural Economics</i> , 2013, 64, 597-623.	3.5	437
6	Impact of modern agricultural technologies on smallholder welfare: Evidence from Tanzania and Ethiopia. <i>Food Policy</i> , 2012, 37, 283-295.	6.0	392
7	Managing vulnerability to drought and enhancing livelihood resilience in sub-Saharan Africa: Technological, institutional and policy options. <i>Weather and Climate Extremes</i> , 2014, 3, 67-79.	4.1	386
8	Agricultural Technology, Crop Income, and Poverty Alleviation in Uganda. <i>World Development</i> , 2011, 39, 1784-1795.	4.9	354
9	Adoption of improved wheat varieties and impacts on household food security in Ethiopia. <i>Food Policy</i> , 2014, 44, 272-284.	6.0	335
10	Cropping system diversification, conservation tillage and modern seed adoption in Ethiopia: Impacts on household income, agrochemical use and demand for labor. <i>Ecological Economics</i> , 2013, 93, 85-93.	5.7	254
11	Poverty, market imperfections and time preferences: of relevance for environmental policy?. <i>Environment and Development Economics</i> , 1998, 3, 105-130.	1.5	222
12	Factors that transformed maize productivity in Ethiopia. <i>Food Security</i> , 2015, 7, 965-981.	5.3	217
13	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.	2.1	208
14	Adoption and adaptation of natural resource management innovations in smallholder agriculture: reflections on key lessons and best practices. <i>Environment, Development and Sustainability</i> , 2009, 11, 601-619.	5.0	205
15	Are there systematic gender differences in the adoption of sustainable agricultural intensification practices? Evidence from Kenya. <i>Food Policy</i> , 2014, 49, 117-127.	6.0	201
16	Non-farm income, household welfare, and sustainable land management in a less-favoured area in the Ethiopian highlands. <i>Food Policy</i> , 2004, 29, 369-392.	6.0	169
17	Soil Erosion and Smallholders' Conservation Decisions in the Highlands of Ethiopia. <i>World Development</i> , 1999, 27, 739-752.	4.9	166
18	Impact of Improved Maize Adoption on Welfare of Farm Households in Malawi: A Panel Data Analysis. <i>World Development</i> , 2014, 59, 120-131.	4.9	151

#	ARTICLE	IF	CITATIONS
19	Welfare impacts of maize and pigeonpea intensification in Tanzania. <i>Agricultural Economics (United Kingdom)</i> , 2011, 3, 475-489.	3.9	147
20	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.	5.3	132
21	Land degradation, drought and food security in a less-favoured area in the Ethiopian highlands: a bio-economic model with market imperfections. <i>Agricultural Economics (United Kingdom)</i> , 2004, 30, 31-49.	3.9	117
22	Technology adoption under seed access constraints and the economic impacts of improved pigeonpea varieties in Tanzania. <i>Agricultural Economics (United Kingdom)</i> , 2008, 39, 309-323.	3.9	100
23	Market imperfections, access to information and technology adoption in Uganda: challenges of overcoming multiple constraints. <i>Agricultural Economics (United Kingdom)</i> , 2015, 46, 475-488.	3.9	92
24	Maize systems under climate change in sub-Saharan Africa. <i>International Journal of Climate Change Strategies and Management</i> , 2015, 7, 247-271.	2.9	91
25	Rainfall shocks and agricultural productivity: Implication for rural household consumption. <i>Agricultural Systems</i> , 2018, 166, 79-89.	6.1	84
26	Farm-level benefits to investments for mitigating land degradation: empirical evidence from Ethiopia. <i>Environment and Development Economics</i> , 2001, 6, 335-358.	1.5	83
27	Market Imperfections and Land Productivity in the Ethiopian Highlands. <i>Journal of Agricultural Economics</i> , 2001, 52, 53-70.	3.5	81
28	Ex post impacts of improved maize varieties on poverty in rural Ethiopia. <i>Agricultural Economics (United Kingdom)</i> , 2015, 46, 515-526.	3.9	74
29	Policy instruments for sustainable land management: the case of highland smallholders in Ethiopia. <i>Agricultural Economics (United Kingdom)</i> , 2000, 22, 217-232.	3.9	65
30	Rural market imperfections and the role of institutions in collective action to improve markets for the poor. <i>Natural Resources Forum</i> , 2008, 32, 25-38.	3.6	65
31	Watershed externalities, shifting cropping patterns and groundwater depletion in Indian semi-arid villages: The effect of alternative water pricing policies. <i>Ecological Economics</i> , 2008, 67, 327-340.	5.7	59
32	Modeling the effect of a heat wave on maize production in the USA and its implications on food security in the developing world. <i>Weather and Climate Extremes</i> , 2014, 5-6, 67-77.	4.1	45
33	Tradeoffs in crop residue utilization in mixed crop-livestock systems and implications for conservation agriculture. <i>Agricultural Systems</i> , 2013, 121, 96-105.	6.1	43
34	Land ownership and technology adoption revisited: Improved maize varieties in Ethiopia. <i>Land Use Policy</i> , 2018, 72, 270-279.	5.6	42
35	Africa's Rising Demand for Wheat: Trends, Drivers, and Policy Implications. <i>Development Policy Review</i> , 2015, 33, 581-613.	1.8	41
36	Nonfarm employment, agricultural intensification, and productivity change: empirical findings from Uganda. <i>Agricultural Economics (United Kingdom)</i> , 2017, 48, 59-72.	3.9	41

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37	Agricultural technology adoption and child nutrition enhancement: improved maize varieties in rural Ethiopia. <i>Agricultural Economics (United Kingdom)</i> , 2017, 48, 573-586.	3.9	38
38	Big Constraints or Small Returns? Explaining Nonadoption of Hybrid Maize in Tanzania. <i>Applied Economic Perspectives and Policy</i> , 2016, 38, 113-131.	5.6	33
39	A Systems and Partnership Approach to Agricultural Research for Development. <i>Outlook on Agriculture</i> , 2011, 40, 213-220.	3.4	31
40	Quantifying the impact of weather extremes on global food security: A spatial bio-economic approach. <i>Weather and Climate Extremes</i> , 2014, 4, 96-108.	4.1	30
41	INTEGRATING GENETICS AND NATURAL RESOURCE MANAGEMENT FOR TECHNOLOGY TARGETING AND GREATER IMPACT OF AGRICULTURAL RESEARCH IN THE SEMI-ARID TROPICS. <i>Experimental Agriculture</i> , 2008, 44, 235-256.	0.9	22
42	The structural transformation of African agriculture and rural spaces: introduction to a special section. <i>Agricultural Economics (United Kingdom)</i> , 2017, 48, 5-10.	3.9	21
43	A bio-economic analysis of the benefits of conservation agriculture: The case of smallholder farmers in Adami Tulu district, Ethiopia. <i>Ecological Economics</i> , 2015, 120, 164-174.	5.7	19
44	The impact of conservation tillage on maize yield and input demand: the case of smallholder farmers in north-west Ethiopia. <i>Australian Journal of Agricultural and Resource Economics</i> , 2018, 62, 636-653.	2.6	7
45	Variability in agricultural productivity and rural household consumption inequality: Evidence from Nigeria and Uganda. <i>Agricultural Economics (United Kingdom)</i> , 2021, 52, 19-36.	3.9	7
46	Policy instruments for sustainable land management: the case of highland smallholders in Ethiopia. <i>Agricultural Economics (United Kingdom)</i> , 2000, 22, 217-232.	3.9	5
47	Land degradation, drought and food security in a less-favoured area in the Ethiopian highlands: a bio-economic model with market imperfections. <i>Agricultural Economics (United Kingdom)</i> , 2004, 30, 31-49.	3.9	3
48	Economy-Wide Impacts of Promising Maize and Wheat Technologies on Food Security and Welfare in Kenya. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
49	A CGE Analysis of the Implications of Technological Change in Indian Agriculture. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
50	Economy-Wide Impacts of Technological Change in Food Staples in Ethiopia: A Macro-Micro Approach. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0