Tanya E Stathers

List of Publications by Year
in descending order

30 papers	859 citations	516710 16 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	741 citing authors

#	Article	IF	Citations
1	How different hermetic bag brands and maize varieties affect grain damage and loss during smallholder farmer storage. Crop Protection, 2022, 153, 105861.	2.1	6
2	Smallholder grain postharvest management in a variable climate: practices and perceptions of smallholder farmers and their service-providers in semi-arid areas. Environment, Development and Sustainability, 2021, 23, 9196-9222.	5.0	3
3	Field evaluation of hermetic and synthetic pesticide-based technologies in smallholder sorghum grain storage in hot and arid climates. Scientific Reports, 2021, 11, 3692.	3.3	8
4	What does global warming mean for stored-grain protection? Options for Prostephanus truncatus (Horn) control at increased temperatures. Journal of Stored Products Research, 2020, 85, 101532.	2.6	13
5	A scoping review of interventions for crop postharvest loss reduction in sub-Saharan Africa and South Asia. Nature Sustainability, 2020, 3, 821-835.	23.7	90
6	Comparative performance of five hermetic bag brands during on-farm smallholder cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	9
7	Measuring the nutritional cost of insect infestation of stored maize and cowpea. Food Security, 2020, 12, 285-308.	5.3	42
8	Predicting Prostephanus truncatus (Horn) (Coleoptera: Bostrichidae) populations and associated grain damage in smallholder farmersâ€™ maize stores: A machine learning approach. Journal of Stored Products Research, 2020, 87, 101592.	2.6	21
9	Supporting smallholder farmers in developing countries to improve postharvest management of staple grains: the role of loss reduction technologies. Burleigh Dodds Series in Agricultural Science, 2020, , 389-444.	0.2	0
10	Strengthening Horticultural Innovation Systems for Adaptation to Effects of Urbanisation and Climate Variability in Peri-Urban Areas. Sustainable Development Goals Series, 2020, , 137-156.	0.4	0
11	Challenges and initiatives in reducing postharvest food losses and food waste: sub-Saharan Africa. Burleigh Dodds Series in Agricultural Science, 2020, , 729-786.	0.2	1
12	Effectiveness of grain storage facilities and protectants in controlling stored-maize insect pests in a climate-risk prone area of Shire Valley, Southern Malawi. Journal of Stored Products Research, 2019, 83, 130-147.	2.6	22
13	Determinants of postharvest losses along smallholder producers maize and Sweetpotato value chains: an ordered Probit analysis. Food Security, 2019, 11, 1101-1120.	5.3	28
14	Field efficacy and persistence of synthetic pesticidal dusts on stored maize grain under contrasting agro-climatic conditions. Journal of Stored Products Research, 2018, 76, 129-139.	2.6	13
15	Blanket application rates for synthetic grain protectants across agro-climatic zones: Do they work? Evidence from field efficacy trials using sorghum grain. Crop Protection, 2018, 109, 51-61.	2.1	11
16	Field efficacy of hermetic and other maize grain storage options under smallholder farmer management. Crop Protection, 2017, 98, 198-210.	2.1	46
17	Climate Change and Agricultural Systems. , 2017, , 441-490.		6
18	Climate change in semi-arid Malawi: Perceptions, adaptation strategies and water governance. Jamba: Journal of Disaster Risk Studies, 2016, 8, 255.	0.9	24

#	Article	IF	Citations
19	Postharvest agriculture in changing climates: its importance to African smallholder farmers. Food Security, 2013, 5, 361-392.	5.3	91
20	Facing the Food Crisis: How African Smallholders can Reduce Postharvest Cereal Losses by Supplying Better Quality Grain. Outlooks on Pest Management, 2013, 24, 217-221.	0.2	7
21	Resilience, power, culture, and climate: a case study from semi-arid Tanzania, and new research directions. Gender and Development, 2009, 17, 81-94.	0.9	95
22	Do diatomaceous earths have potential as grain protectants for small-holder farmers in sub-Saharan Africa? The case of Tanzania. Crop Protection, 2008, 27, 44-70.	2.1	38
23	Maize seed selection by East African smallholder farmers and resistance to Maize streak virus*. Annals of Applied Biology, 2005, 147, 153-159.	2.5	12
24	The efficacy and persistence of diatomaceous earths admixed with commodity against four tropical stored product beetle pests. Journal of Stored Products Research, 2004, 40, 113-123.	2.6	69
25	Field assessment of the efficacy and persistence of diatomaceous earths in protecting stored grain on small-scale farms in Zimbabwe. Crop Protection, 2002, 21, 1033-1048.	2.1	35
26	Small-scale farmer perceptions of diatomaceous earth products as potential stored grain protectants in Zimbabwe. Crop Protection, 2002, 21, 1049-1060.	2.1	25
27	Activity of male pheromone of Melanesian rhinoceros beetle Scapanes australis. Journal of Chemical Ecology, 2002, 28, 479-500.	1.8	39
28	New aspects of the biology of the Melanesian rfhinoceros beetle Scapanes australis (Col., Dynastidae) and evidence for field attraction to males. Journal of Applied Entomology, 2000, 124, 41-50.	1.8	10
29	Cashew nut production in Tanzania: Constraints and progress through integrated crop management. Crop Protection, 1997, 16, 5-14.	2.1	56
30	The Effect of Different Temperatures on the Viability of Metarhizium flavoviride Conidia Stored in Vegetable and Mineral Oils. Journal of Invertebrate Pathology, 1993, 62, 111-115.	3.2	39