

Tanya E Stathers

List of Publications by Year in descending order

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Version: 2024-02-01

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	Resilience, power, culture, and climate: a case study from semi-arid Tanzania, and new research directions. <i>Gender and Development</i> , 2009, 17, 81-94.	0.9	95
2	Postharvest agriculture in changing climates: its importance to African smallholder farmers. <i>Food Security</i> , 2013, 5, 361-392.	5.3	91
3	A scoping review of interventions for crop postharvest loss reduction in sub-Saharan Africa and South Asia. <i>Nature Sustainability</i> , 2020, 3, 821-835.	23.7	90
4	The efficacy and persistence of diatomaceous earths admixed with commodity against four tropical stored product beetle pests. <i>Journal of Stored Products Research</i> , 2004, 40, 113-123.	2.6	69
5	Cashew nut production in Tanzania: Constraints and progress through integrated crop management. <i>Crop Protection</i> , 1997, 16, 5-14.	2.1	56
6	Field efficacy of hermetic and other maize grain storage options under smallholder farmer management. <i>Crop Protection</i> , 2017, 98, 198-210.	2.1	46
7	Measuring the nutritional cost of insect infestation of stored maize and cowpea. <i>Food Security</i> , 2020, 12, 285-308.	5.3	42
8	The Effect of Different Temperatures on the Viability of <i>Metarhizium flavoviride</i> Conidia Stored in Vegetable and Mineral Oils. <i>Journal of Invertebrate Pathology</i> , 1993, 62, 111-115.	3.2	39
9	Activity of male pheromone of Melanesian rhinoceros beetle <i>Scapanes australis</i> . <i>Journal of Chemical Ecology</i> , 2002, 28, 479-500.	1.8	39
10	Do diatomaceous earths have potential as grain protectants for small-holder farmers in sub-Saharan Africa? The case of Tanzania. <i>Crop Protection</i> , 2008, 27, 44-70.	2.1	38
11	Field assessment of the efficacy and persistence of diatomaceous earths in protecting stored grain on small-scale farms in Zimbabwe. <i>Crop Protection</i> , 2002, 21, 1033-1048.	2.1	35
12	Determinants of postharvest losses along smallholder producers maize and Sweetpotato value chains: an ordered Probit analysis. <i>Food Security</i> , 2019, 11, 1101-1120.	5.3	28
13	Small-scale farmer perceptions of diatomaceous earth products as potential stored grain protectants in Zimbabwe. <i>Crop Protection</i> , 2002, 21, 1049-1060.	2.1	25
14	Climate change in semi-arid Malawi: Perceptions, adaptation strategies and water governance. <i>Jamba: Journal of Disaster Risk Studies</i> , 2016, 8, 255.	0.9	24
15	Effectiveness of grain storage facilities and protectants in controlling stored-maize insect pests in a climate-risk prone area of Shire Valley, Southern Malawi. <i>Journal of Stored Products Research</i> , 2019, 83, 130-147.	2.6	22
16	Predicting <i>Prostephanus truncatus</i> (Horn) (Coleoptera: Bostrichidae) populations and associated grain damage in smallholder farmers' maize stores: A machine learning approach. <i>Journal of Stored Products Research</i> , 2020, 87, 101592.	2.6	21
17	Field efficacy and persistence of synthetic pesticidal dusts on stored maize grain under contrasting agro-climatic conditions. <i>Journal of Stored Products Research</i> , 2018, 76, 129-139.	2.6	13
18	What does global warming mean for stored-grain protection? Options for <i>Prostephanus truncatus</i> (Horn) control at increased temperatures. <i>Journal of Stored Products Research</i> , 2020, 85, 101532.	2.6	13

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19	Maize seed selection by East African smallholder farmers and resistance to Maize streak virus*. <i>Annals of Applied Biology</i> , 2005, 147, 153-159.	2.5	12
20	Blanket application rates for synthetic grain protectants across agro-climatic zones: Do they work? Evidence from field efficacy trials using sorghum grain. <i>Crop Protection</i> , 2018, 109, 51-61.	2.1	11
21	New aspects of the biology of the Melanesian rhinoceros beetle <i>Scapanes australis</i> (Col., Dynastidae) and evidence for field attraction to males. <i>Journal of Applied Entomology</i> , 2000, 124, 41-50.	1.8	10
22	Comparative performance of five hermetic bag brands during on-farm smallholder cowpea (<i>Vigna</i>) Tj ETQq0 0 0 rgBTJ/Overlock 10 Tf 50	2.6	9
23	Field evaluation of hermetic and synthetic pesticide-based technologies in smallholder sorghum grain storage in hot and arid climates. <i>Scientific Reports</i> , 2021, 11, 3692.	3.3	8
24	Facing the Food Crisis: How African Smallholders can Reduce Postharvest Cereal Losses by Supplying Better Quality Grain. <i>Outlooks on Pest Management</i> , 2013, 24, 217-221.	0.2	7
25	Climate Change and Agricultural Systems. , 2017, , 441-490.		6
26	How different hermetic bag brands and maize varieties affect grain damage and loss during smallholder farmer storage. <i>Crop Protection</i> , 2022, 153, 105861.	2.1	6
27	Smallholder grain postharvest management in a variable climate: practices and perceptions of smallholder farmers and their service-providers in semi-arid areas. <i>Environment, Development and Sustainability</i> , 2021, 23, 9196-9222.	5.0	3
28	Challenges and initiatives in reducing postharvest food losses and food waste: sub-Saharan Africa. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 729-786.	0.2	1
29	Supporting smallholder farmers in developing countries to improve postharvest management of staple grains: the role of loss reduction technologies. <i>Burleigh Dodds Series in Agricultural Science</i> , 2020, , 389-444.	0.2	0
30	Strengthening Horticultural Innovation Systems for Adaptation to Effects of Urbanisation and Climate Variability in Peri-Urban Areas. <i>Sustainable Development Goals Series</i> , 2020, , 137-156.	0.4	0