

Paramu L Mafongoya

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,127
citations

471509

17
h-index

434195

31
g-index

51
all docs

51
docs citations

51
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	The Potential Role of Neglected and Underutilised Crop Species as Future Crops under Water Scarce Conditions in Sub-Saharan Africa. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5685-5711.	2.6	297
2	Who is using the new technology? The association of wealth status and gender with the planting of improved tree fallows in Eastern Province, Zambia. <i>Agricultural Systems</i> , 2004, 79, 131-144.	6.1	83
3	The role of institutions in managing local level climate change adaptation in semi-arid Zimbabwe. <i>Climate Risk Management</i> , 2017, 16, 93-105.	3.2	57
4	Adaptation to climate change and the impacts on household food security among rural farmers in uMzinyathi District of Kwazulu-Natal, South Africa. <i>Food Security</i> , 2016, 8, 597-608.	5.3	49
5	Maize productivity and profitability in Conservation Agriculture systems across agro-ecological regions in Zimbabwe: A review of knowledge and practice. <i>Agriculture, Ecosystems and Environment</i> , 2016, 220, 211-225.	5.3	44
6	Soyabeans and sustainable agriculture in southern Africa. <i>International Journal of Agricultural Sustainability</i> , 2011, 9, 50-58.	3.5	39
7	Stoichiometry of animal manure and implications for nutrient cycling and agriculture in sub-Saharan Africa. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 107, 91-105.	2.2	39
8	Farmer participatory evaluation of agroforestry trees in eastern Zambia. <i>Agricultural Systems</i> , 2005, 84, 39-53.	6.1	33
9	Drought and its impacts on small-scale farmers in sub-Saharan Africa: a review. <i>Southern African Geographical Journal</i> , 2021, 103, 319-341.	1.8	31
10	The Impacts of Climate Change on the Livelihood and Food Security of Small-Scale Fishers in Lake Kariba, Zimbabwe. <i>Journal of Asian and African Studies</i> , 2020, 55, 298-313.	1.5	29
11	Mixed-species legume fallows affect faunal abundance and richness and N cycling compared to single species in maize-fallow rotations. <i>Soil Biology and Biochemistry</i> , 2008, 40, 3065-3075.	8.8	27
12	Termite prevalence and crop lodging under conservation agriculture in sub-humid Zimbabwe. <i>Crop Protection</i> , 2016, 82, 60-64.	2.1	22
13	Local-level climate change adaptation decision-making and livelihoods in semi-arid areas in Zimbabwe. <i>Environment, Development and Sustainability</i> , 2017, 19, 2377-2403.	5.0	22
14	The threat of alien invasive insect and mite species to food security in Africa and the need for a continent-wide response. <i>Food Security</i> , 2019, 11, 763-775.	5.3	22
15	PARTICIPATORY EVALUATION OF TEPHROSIA SPECIES AND PROVENANCES FOR SOIL FERTILITY IMPROVEMENT AND OTHER USES USING FARMER CRITERIA IN EASTERN ZAMBIA. <i>Experimental Agriculture</i> , 2005, 41, 69-80.	0.9	21
16	A survey of whitefly-transmitted viruses on tomato crops in South Africa. <i>Crop Protection</i> , 2019, 123, 21-29.	2.1	21
17	Perceptions of Climate Change and Drivers of Insect Pest Outbreaks in Vegetable Crops in Limpopo Province of South Africa. <i>Climate</i> , 2020, 8, 27.	2.8	19
18	Breeding tepary bean (<i>Phaseolus acutifolius</i>) for drought adaptation: A review. <i>Plant Breeding</i> , 2020, 139, 821-833.	1.9	18

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19	Livelihood strategies and their determinants among smallholder farming households in KwaZulu-Natal province, South Africa. <i>Agrekon</i> , 2019, 58, 340-353.	1.3	17
20	Evaluation of agroforestry systems for maize (<i>Zea mays</i>) productivity in South Africa. <i>South African Journal of Plant and Soil</i> , 2019, 36, 65-67.	1.1	16
21	Indigenous strategies used by selected farming communities in KwaZulu Natal, South Africa, to manage soil, water, and climate extremes and to make weather predictions. <i>Land Degradation and Development</i> , 2019, 30, 1999-2008.	3.9	16
22	Behaviour of smallholder farmers towards adoption of conservation agriculture in Zimbabwe. <i>Soil Use and Management</i> , 2019, 35, 561-575.	4.9	16
23	Climate Change and Variability Impacts on Sub-Saharan African Fisheries: A Review. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 706-720.	9.1	16
24	The impact of tillage system and herbicides on weed density, diversity and yield of cotton (<i>Gossipium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 15	2.1	15
25	Small-scale fishersâ€™ perceptions of climate change and its consequences on fisheries: the case of Sanyathi fishing basin, Lake Kariba, Zimbabwe. <i>Transactions of the Royal Society of South Africa</i> , 2019, 74, 248-257.	1.1	11
26	Effects of improved pigeonpea fallows on biological and physical soil properties and their relationship with maize yield. <i>Agroforestry Systems</i> , 2021, 95, 443-457.	2.0	11
27	Heritability and genetic gain for grain yield and path coefficient analysis of some agronomic traits in early-maturing maize hybrids. <i>Euphytica</i> , 2015, 206, 225-244.	1.2	10
28	Climate Change Perceptions, Impacts and Adaptation Strategies: Insights of Fishers in Zambezi River Basin, Zimbabwe. <i>Sustainability</i> , 2022, 14, 3456.	3.2	10
29	Soil macrofauna order diversity and abundance under improved fallows and organic matter transfer system in Zimbabwe. <i>African Journal of Ecology</i> , 2014, 52, 506-513.	0.9	9
30	Using Sentinel-2 Multispectral Images to Map the Occurrence of the Cossid Moth (<i>Coryphodema</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 9	4.0	9
31	Development of Potato virus Y (PVY) resistant pepper (<i>Capsicum annuum</i> L.) lines using marker-assisted selection (MAS). <i>Physiological and Molecular Plant Pathology</i> , 2019, 105, 96-101.	2.5	9
32	Assessing the social vulnerability of small-scale farmer's to drought in uMsinga, KwaZulu-Natal. <i>International Journal of Disaster Risk Reduction</i> , 2021, 65, 102568.	3.9	9
33	Unlocking the Potential of Fish to Improve Food and Nutrition Security in Sub-Saharan Africa. <i>Sustainability</i> , 2022, 14, 318.	3.2	9
34	Prevalence, epidemiology and molecular studies of Tomato chlorosis virus (ToCV) in South Africa. <i>PLoS ONE</i> , 2019, 14, e0220298.	2.5	8
35	Localized Institutional Actors and Smallholder Irrigation Scheme Performance in Limpopo Province of South Africa. <i>Agriculture (Switzerland)</i> , 2020, 10, 418.	3.1	7
36	Monitoring of Soil Water Content in Maize Rotated with Pigeonpea Fallows in South Africa. <i>Water (Switzerland)</i> , 2020, 12, 2761.	2.7	6

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37	Contribution of Conservation Agriculture to Soil Security. <i>Sustainability</i> , 2021, 13, 9857.	3.2	6
38	Sub-Saharan Africa Freshwater Fisheries under Climate Change: A Review of Impacts, Adaptation, and Mitigation Measures. <i>Fishes</i> , 2022, 7, 131.	1.7	6
39	Characterisation of pigeon pea (<i>Cajanus cajan</i>) landraces grown in two climatic zones in KwaZulu-Natal province, South Africa. <i>South African Journal of Plant and Soil</i> , 2017, 34, 191-199.	1.1	5
40	Soil nitrogen and physical properties and maize yields after mixed planted fallows of tree and herbaceous legumes. <i>Nutrient Cycling in Agroecosystems</i> , 2016, 105, 75-84.	2.2	4
41	Assessing Vulnerability to Climate Change in Smallholder Irrigation Schemes of Zimbabwe. <i>Sustainability</i> , 2021, 13, 10023.	3.2	4
42	Remote sensing equivalent water thickness of grass treated with different fertiliser regimes using resample HypSIRI and EnMAP data. <i>Physics and Chemistry of the Earth</i> , 2019, 112, 246-254.	2.9	3
43	The influence of pruning height on symbiotic nitrogen fixation in a tree-based fodder production system. <i>African Journal of Range and Forage Science</i> , 2019, 36, 197-201.	1.4	3
44	Weed community responses to soil type during transition to no-till practice on smallholder farms in Zimbabwe. <i>Weed Research</i> , 2020, 60, 334-342.	1.7	3
45	The 5As: assessing access to animal-drawn conservation agriculture planting equipment by smallholder farmers. <i>Environment, Development and Sustainability</i> , 2021, 23, 4881-4898.	5.0	3
46	Pigeonpea Yield and Water Use Efficiency: A Savior under Climate Change-Induced Water Stress. <i>Agronomy</i> , 2021, 11, 5.	3.0	3
47	Risks of Climate Change on Future Water Supply in Smallholder Irrigation Schemes in Zimbabwe. <i>Water (Switzerland)</i> , 2022, 14, 1682.	2.7	3
48	Litter- and soil carbohydrate-carbon stocks in 2-, 4- and 10-year-old improved fallows in eastern Zambia. <i>Biogeochemistry</i> , 2013, 112, 477-493.	3.5	2
49	Gender and Resilience to Climate Variability in Pastoralists Livelihoods System: Two Case Studies in Kenya. <i>Journal of Sustainable Development</i> , 2017, 10, 218.	0.3	2
50	The challenges experienced by small-scale fishing communities of Lake Kariba, Zimbabwe. <i>The Journal for Transdisciplinary Research in Southern Africa</i> , 2020, 16, .	0.5	2
51	Farmer Perceptions on Vegetable Diseases and Their Control in Sub-Humid Areas in Zimbabwe. <i>Change and Adaptation in Socio-Ecological Systems</i> , 2019, 5, 1-11.	1.5	1