

Fhatuwani N Mudau

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

693
citations

623734

14
h-index

642732

23
g-index

51
all docs

51
docs citations

51
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	The synergistic potential of various teas, herbs and therapeutic drugs in health improvement: a review. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4679-4689.	3.5	108
2	Phytochemicals in Prostate Cancer: From Bioactive Molecules to Upcoming Therapeutic Agents. <i>Nutrients</i> , 2019, 11, 1483.	4.1	59
3	Metabolic profiling of four South African herbal teas using high resolution liquid chromatography-mass spectrometry and nuclear magnetic resonance. <i>Food Chemistry</i> , 2018, 257, 90-100.	8.2	40
4	Tillage, Crop Rotation and Crop Residue Management Effects on Nutrient Availability in a Sweet Sorghum-Based Cropping System in Marginal Soils of South Africa. <i>Agronomy</i> , 2020, 10, 776.	3.0	33
5	Variation in polyphenolic content of <i>Athrixia phylicoides</i> (L.) (bush tea) leaves with season and nitrogen application. <i>South African Journal of Botany</i> , 2006, 72, 398-402.	2.5	32
6	Nitrogen, phosphorus, and potassium effects on the physiology and biomass yield of baby spinach (<i>Spinacia oleracea</i> L.). <i>Journal of Plant Nutrition</i> , 2017, 40, 2033-2044.	1.9	30
7	Comparison of the Efficacy of Ground Wild Cucumber Fruits, Aldicarb and Fenamiphos on Suppression of <i>Meloidogyne incognita</i> in Tomato. <i>Journal of Phytopathology</i> , 2008, 156, 264-267.	1.0	26
8	Plants of the genus <i>Spinacia</i> : From bioactive molecules to food and phytopharmacological applications. <i>Trends in Food Science and Technology</i> , 2019, 88, 260-273.	15.1	22
9	Microbial biomass carbon and enzyme activities as influenced by tillage, crop rotation and residue management in a sweet sorghum cropping system in marginal soils of South Africa. <i>Heliyon</i> , 2020, 6, e05513.	3.2	21
10	Plants: A Genus Rich in Vital Nutra-pharmaceuticals-A Review. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 68-89.	0.5	21
11	Chemical compositions and antimicrobial activities of <i>Athrixia phylicoides</i> DC. (bush tea), <i>Monsonia burkeana</i> (special tea) and synergistic effects of both combined herbal teas. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S448-S453.	0.8	20
12	Effects of Nitrogen, Phosphorus, and Potassium Nutrition on Total Polyphenol Content of Bush Tea (<i>Athrixia phylicoides</i> L.) Leaves in Shaded Nursery Environment. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2007, 42, 334-338.	1.0	19
13	Nitrogen, Phosphorus, and Potassium Nutrition Increases Growth and Total Polyphenol Concentrations of Bush Tea in a Shaded Nursery Environment. <i>HortTechnology</i> , 2007, 17, 107-110.	0.9	18
14	Influence of Modified Atmosphere Packaging on Postharvest Quality of Baby Spinach (<i>Spinacia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 53, 224-230.	1.0	17
15	Neglected and Underutilised Crops: A Systematic Review of Their Potential as Food and Herbal Medicinal Crops in South Africa. <i>Frontiers in Pharmacology</i> , 2021, 12, 809866.	3.5	17
16	Sensory Characteristics and Volatile Compounds of Herbal Teas and Mixtures of Bush Tea with Other Selected Herbal Teas of South Africa. <i>Foods</i> , 2020, 9, 496.	4.3	16
17	Three Selected Edible Crops of the Genus <i>Momordica</i> as Potential Sources of Phytochemicals: Biochemical, Nutritional, and Medicinal Values. <i>Frontiers in Pharmacology</i> , 2021, 12, 625546.	3.5	16
18	Yield and Essential Oil Response in Coriander to Water Stress and Phosphorus Fertilizer Application. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 82-92.	1.9	15

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19	Sustainable production of sweet sorghum for biofuel production through conservation agriculture in South Africa. <i>Food and Energy Security</i> , 2018, 7, e00129.	4.3	15
20	Plant Growth and Development of Bush Tea as Affected by Nitrogen, Phosphorus, and Potassium Nutrition. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 1898-1901.	1.0	13
21	Influence of Postharvest Storage Temperature and Duration on Quality of Baby Spinach. <i>HortTechnology</i> , 2015, 25, 665-670.	0.9	12
22	Innovative Pro-Smallholder Farmers' Permanent Mulch for Better Soil Quality and Food Security Under Conservation Agriculture. <i>Agronomy</i> , 2020, 10, 605.	3.0	12
23	Response of Baby Spinach (<i>Spinacia oleracea</i> L.) to Photosensitive Nettings on Growth and Postharvest Quality. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 719-724.	1.0	10
24	Understanding <i>Camellia sinensis</i> using Omics Technologies along with Endophytic Bacteria and Environmental Roles on Metabolism: A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 281.	2.5	10
25	Nutritional quality of baby spinach (<i>Spinacia oleracea</i>) as affected by nitrogen, phosphorus and potassium fertilisation. <i>South African Journal of Plant and Soil</i> , 2017, 34, 79-86.	1.1	9
26	ESSENTIAL OIL COMPOSITION OF <i>ARTEMISIA VULGARIS</i> GROWN IN EGYPT. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 8, 120.	0.3	6
27	Metabolic Profiling of Cultivated Bush Tea (<i>Athrixia phylicoides</i> DC.) in Response to Different Pruning Types. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 993-998.	1.0	6
28	Anti-diabetic and anti-proliferative activities of herbal teas, <i>Athrixia phylicoides</i> DC and <i>Monsonia burkeana</i> Planch. ex Harv, indigenous to South Africa. <i>British Food Journal</i> , 2019, 121, 964-974.	2.9	6
29	Response of Phytochemicals in Bush Tea (<i>Athrixia phylicoides</i> DC.) as Influenced by Selected Micronutrients. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 965-971.	1.0	5
30	The quality of baby spinach as affected by developmental stage as well as postharvest storage conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2019, 69, 26-35.	0.6	5
31	Growth, yield and mineral content of basil and cultivated rocket due to plant density and nitrogen level. <i>International Journal of Vegetable Science</i> , 2020, 26, 558-572.	1.3	5
32	Effects of Rhizobium Inoculation on N ₂ Fixation, Phytochemical Profiles and Rhizosphere Soil Microbes of Cancer Bush <i>Lessertia frutescens</i> (L.). <i>Agronomy</i> , 2020, 10, 1675.	3.0	5
33	Response of Plant Growth and Development, and Accumulation of Hydroxyl-cinnamoyl Acid Derivatives to Selected Shade Nets and Seasonality of Field-grown Bush Tea (<i>Athrixia phylicoides</i> DC.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022, 57, 87-96.	1.0	5
34	Variation in Carbohydrate Reserves and Dry Matter Production of Bush Tea (<i>Athrixia phylicoides</i>) Grown under Different Environmental Conditions. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 1537-1541.	1.0	4
35	Prevalence of <i>Bacillus</i> in the interior tissues of <i>Monsonia burkeana</i> and other medicinal plants in South Africa. <i>South African Journal of Botany</i> , 2017, 113, 19-22.	2.5	4
36	Nitrogen application influences quality, pharmacological activities and metabolite profiles of <i>Athrixia phylicoides</i> DC. (Bush tea) cultivated under greenhouse and field conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2018, 68, 388-400.	0.6	4

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37	Soil Organic Carbon and Labile Carbon Pools Attributed by Tillage, Crop Residue and Crop Rotation Management in Sweet Sorghum Cropping System. <i>Sustainability</i> , 2020, 12, 9782.	3.2	4
38	Nematocidal activity of fermented extracts from <i>Lantana camara</i> plant parts against <i>Meloidogyne javanica</i> on tomato. <i>International Journal of Vegetable Science</i> , 2021, 27, 20-28.	1.3	4
39	Green synthesis and characterization of zinc oxide nanoparticles using bush tea (<i>Athrixia phylicoides</i>) natural extract: assessment of the synthesis process. <i>F1000Research</i> , 0, 10, 1077.	1.6	4
40	Rind texture and juice acid content of Citrus spp. as affected by foliar sprays of mono-potassium phosphate (MKP), urea ammonium phosphate (UAP) and mono-ammonium phosphate (MAP). <i>South African Journal of Plant and Soil</i> , 2005, 22, 269-273.	1.1	2
41	Bush Tea as a Herbal Beverage and Medicinal Plant in South Africa. , 2013, , 183-189.		2
42	Topic: chemical compositions and mineral content of four selected South African herbal teas and the synergistic response of combined teas. <i>British Food Journal</i> , 2020, 122, 2769-2785.	2.9	2
43	Nitrogen levels, plant density and postharvest storage duration affect phytochemical and antioxidant properties of field-grown basil and rocket crops. <i>International Journal of Vegetable Science</i> , 2021, 27, 515-525.	1.3	2
44	Challenges Militating against Sustainable Economic Development Potential of African Aromatic, Beverage and Medicinal herbs: A South African Perspective. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2016, 50, 80-89.	0.6	1
45	Effect of Season on Growth, Productivity, and Postharvest Quality of Baby Spinach. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 835-839.	1.0	1
46	Effect of Timing and Rates of Nitrogen Application on Yield, Chemical Compositions, Pharmacologic Activities, and Cytotoxicity of Herbal Bush Tea (<i>Athrixia phylicoides</i> DC.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1332-1339.	1.0	0
47	Metabolomic Analysis for Compositional Differences of Bush Tea (<i>Athrixia phylicoides</i> DC.) Subjected to Seasonal Dynamics. <i>Agronomy</i> , 2020, 10, 892.	3.0	0
48	The developmental growth and quality assessment of five selected cultivars of baby spinach grown in Gauteng province, South Africa. <i>South African Journal of Plant and Soil</i> , 2020, 37, 79-86.	1.1	0
49	Insights on the anticancer potential of plant-food bioactives: A key focus to prostate cancer. <i>Cellular and Molecular Biology</i> , 2020, 66, 250-263.	0.9	0