

Fhatuwani N Mudau

List of Publications by Year in descending order

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papers

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623734

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51
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930
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#	ARTICLE	IF	CITATIONS
1	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.). Hortscience: A Publication of the American Society for Horticultural Science, 2022, 57, 87-96.	1.0	5
2	Nematocidal activity of fermented extracts from <i>Lantana camara</i> plant parts against <i>Meloidogyne javanica</i> on tomato. International Journal of Vegetable Science, 2021, 27, 20-28.	1.3	4
3	Three Selected Edible Crops of the Genus <i>Momordica</i> as Potential Sources of Phytochemicals: Biochemical, Nutritional, and Medicinal Values. Frontiers in Pharmacology, 2021, 12, 625546.	3.5	16
4	Nitrogen levels, plant density and postharvest storage duration affect phytochemical and antioxidant properties of field-grown basil and rocket crops. International Journal of Vegetable Science, 2021, 27, 515-525.	1.3	2
5	Neglected and Underutilised Crops: A Systematic Review of Their Potential as Food and Herbal Medicinal Crops in South Africa. Frontiers in Pharmacology, 2021, 12, 809866.	3.5	17
6	Growth, yield and mineral content of basil and cultivated rocket due to plant density and nitrogen level. International Journal of Vegetable Science, 2020, 26, 558-572.	1.3	5
7	Topic: chemical compositions and mineral content of four selected South African herbal teas and the synergistic response of combined teas. British Food Journal, 2020, 122, 2769-2785.	2.9	2
8	Metabolomic Analysis for Compositional Differences of Bush Tea (<i>Athrixia phylicoides</i> DC.) Subjected to Seasonal Dynamics. Agronomy, 2020, 10, 892.	3.0	0
9	Soil Organic Carbon and Labile Carbon Pools Attributed by Tillage, Crop Residue and Crop Rotation Management in Sweet Sorghum Cropping System. Sustainability, 2020, 12, 9782.	3.2	4
10	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. Heliyon, 2020, 6, e05513.	3.2	21
11	Effects of Rhizobium Inoculation on N ₂ Fixation, Phytochemical Profiles and Rhizosphere Soil Microbes of Cancer Bush <i>Lessertia frutescens</i> (L.). Agronomy, 2020, 10, 1675.	3.0	5
12	Tillage, Crop Rotation and Crop Residue Management Effects on Nutrient Availability in a Sweet Sorghum-Based Cropping System in Marginal Soils of South Africa. Agronomy, 2020, 10, 776.	3.0	33
13	Innovative Pro-Smallholder Farmers' Permanent Mulch for Better Soil Quality and Food Security Under Conservation Agriculture. Agronomy, 2020, 10, 605.	3.0	12
14	Sensory Characteristics and Volatile Compounds of Herbal Teas and Mixtures of Bush Tea with Other Selected Herbal Teas of South Africa. Foods, 2020, 9, 496.	4.3	16
15	The developmental growth and quality assessment of five selected cultivars of baby spinach grown in Gauteng province, South Africa. South African Journal of Plant and Soil, 2020, 37, 79-86.	1.1	0
16	Insights on the anticancer potential of plant-food bioactives: A key focus to prostate cancer. Cellular and Molecular Biology, 2020, 66, 250-263.	0.9	0
17	The quality of baby spinach as affected by developmental stage as well as postharvest storage conditions. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2019, 69, 26-35.	0.6	5
18	Phytochemicals in Prostate Cancer: From Bioactive Molecules to Upcoming Therapeutic Agents. Nutrients, 2019, 11, 1483.	4.1	59

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19	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
20	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
21	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
22	Plants: A Genus Rich in Vital Nutra-pharmaceuticals-A Review. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 68-89.	0.5	21
23	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
24	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
25	Influence of Modified Atmosphere Packaging on Postharvest Quality of Baby Spinach (<i>Spinacia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 53, 224-230.	1.0	17
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	Variation in Carbohydrate Reserves and Dry Matter Production of Bush Tea (<i>Athrixia phylicoides</i>) Grown under Different Environmental Conditions. Hortscience: A Publication of the American Society for Horticultural Science, 2016, 51, 1537-1541.	1.0	4
38	Challenges Militating against Sustainable Economic Development Potential of African Aromatic, Beverage and Medicinal herbs: A South African Perspective.. Indian Journal of Pharmaceutical Education and Research, 2016, 50, 80-89.	0.6	1
39	Influence of Postharvest Storage Temperature and Duration on Quality of Baby Spinach. HortTechnology, 2015, 25, 665-670.	0.9	12
40	Yield and Essential Oil Response in Coriander to Water Stress and Phosphorus Fertilizer Application. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 82-92.	1.9	15
41	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. Asian Pacific Journal of Tropical Medicine, 2014, 7, S448-S453.	0.8	20
42	Bush Tea as a Herbal Beverage and Medicinal Plant in South Africa. , 2013, , 183-189.		2
43	Comparison of the Efficacy of Ground Wild Cucumber Fruits, Aldicarb and Fenamiphos on Suppression of <i>Meloidogyne incognita</i> in Tomato. Journal of Phytopathology, 2008, 156, 264-267.	1.0	26
44	Effects of Nitrogen, Phosphorus, and Potassium Nutrition on Total Polyphenol Content of Bush Tea (<i>Athrixia phylicoides</i> L.) Leaves in Shaded Nursery Environment. Hortscience: A Publication of the American Society for Horticultural Science, 2007, 42, 334-338.	1.0	19
45	Nitrogen, Phosphorus, and Potassium Nutrition Increases Growth and Total Polyphenol Concentrations of Bush Tea in a Shaded Nursery Environment. HortTechnology, 2007, 17, 107-110.	0.9	18
46	Variation in polyphenolic content of <i>Athrixia phylicoides</i> (L.) (bush tea) leaves with season and nitrogen application. South African Journal of Botany, 2006, 72, 398-402.	2.5	32
47	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). South African Journal of Plant and Soil, 2005, 22, 269-273.	1.1	2
48	Plant Growth and Development of Bush Tea as Affected by Nitrogen, Phosphorus, and Potassium Nutrition. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 1898-1901.	1.0	13
49	Green synthesis and characterization of Zinc oxide nanoparticles using bush tea (<i>Athrixia phylicoides</i> DC) natural extract: assessment of the synthesis process.. F1000Research, 0, 10, 1077.	1.6	4