

Sunette M Laurie

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

481
citations

759233

12
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

530
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofortification of sweet potato for food and nutrition security in South Africa. Food Research International, 2015, 76, 962-970.	6.2	74
2	Incorporating orange-fleshed sweet potato into the food system as a strategy for improved nutrition: The context of South Africa. Food Research International, 2018, 104, 77-85.	6.2	57
3	Development of NIRS models for rapid quantification of protein content in sweetpotato [Ipomoea batatas (L.) LAM.]. LWT - Food Science and Technology, 2016, 72, 63-70.	5.2	46
4	Î²-Carotene yield and productivity of orange-fleshed sweet potato (Ipomoea batatas L. Lam.) as influenced by irrigation and fertilizer application treatments. Scientia Horticulturae, 2012, 142, 180-184.	3.6	39
5	Integrated community-based growth monitoring and vegetable gardens focusing on crops rich in Î²-carotene: Project evaluation in a rural community in the Eastern Cape, South Africa. Journal of the Science of Food and Agriculture, 2008, 88, 2093-2101.	3.5	35
6	The use of sensory attributes, sugar content, instrumental data and consumer acceptability in selection of sweet potato varieties. Journal of the Science of Food and Agriculture, 2013, 93, 1610-1619.	3.5	35
7	Characterization and evaluation of South African sweet potato (Ipomoea batatas (L.) LAM) land races. South African Journal of Botany, 2013, 85, 10-16.	2.5	33
8	Consumer acceptability of four products made from beta-carotene-rich sweet potato. African Journal of Food Science, 2012, 6, .	0.9	30
9	Multienvironment Performance of New Orange-fleshed Sweetpotato Cultivars in South Africa. Crop Science, 2015, 55, 1585-1595.	1.8	22
10	Employing the GGE SREG model plus Elston index values for multiple trait selection in sweetpotato. Euphytica, 2015, 204, 433-442.	1.2	14
11	Assessment of food gardens as nutrition tool in primary schools in South Africa. South African Journal of Clinical Nutrition, 2017, 30, 80-86.	0.7	14
12	Initiation and First Results of a Biofortification Program for Sweet Potato in South Africa. Journal of Crop Improvement, 2009, 23, 235-251.	1.7	12
13	Optimization of hot-air drying conditions on functional properties of flour from dried South African sweet potato cultivars (Impilo and Bophelo) using the response surface methodology. Food Science and Technology, 2021, 41, 39-46.	1.7	11
14	Analysis of the Nutritional Composition and Drought Tolerance Traits of Sweet Potato: Selection Criteria for Breeding Lines. Plants, 2022, 11, 1804.	3.5	8
15	Agronomic performance of new cream to yellow-orange sweetpotato cultivars in diverse environments across South Africa. South African Journal of Plant and Soil, 2015, 32, 147-155.	1.1	7
16	Assessment of the genetic diversity of sweetpotato germplasm collections for protein content. South African Journal of Botany, 2020, 132, 132-139.	2.5	7
17	An Evaluation of Phenolic Compounds, Carotenoids, and Antioxidant Properties in Leaves of South African Cultivars, Peruvian 199062.1 and USA's Beauregard. Frontiers in Nutrition, 2021, 8, 773550.	3.7	7
18	Morpho-agronomical characterisation of local and international sweetpotato germplasm from the South African collection. South African Journal of Plant and Soil, 2020, 37, 308-320.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Genetic diversity of South African sweetpotato germplasm using molecular markers. <i>Journal of Crop Improvement</i> , 2019, 33, 814-833.	1.7	5
20	Impact of different postharvest thermal processes on changes in antioxidant constituents, activity and nutritional compounds in sweet potato with varying flesh colour. <i>South African Journal of Botany</i> , 2022, 144, 380-388.	2.5	5
21	Comparison of Caffeoylquinic Acids and Functional Properties of Domestic Sweet Potato (<i>Ipomoea</i>) Tj ETQq1 1 0.784314 rgBT /Overl 4.3 5	4.3	5
22	Selection of Sweetpotato Parental Genotypes Using Simple Sequence Repeat Markers. <i>Plants</i> , 2022, 11, 1802.	3.5	4
23	Combining ability, heterosis and heritability of sweetpotato root protein, β^2 -carotene, sugars and mineral composition. <i>Euphytica</i> , 2021, 217, 1.	1.2	3
24	Host-status of sweet potato cultivars to South Africa root-knot nematodes. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2017, 67, 62-66.	0.6	1
25	Development and screening of Fusarium wilt resistant lines in Sweet potato [<i>Ipomoea batatas</i> (L.) Lam]. <i>Euphytica</i> , 2022, 218, 1.	1.2	1