

Maryke T Labuschagne

List of Publications by Year in descending order

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165
papers

3,292
citations

159358

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44
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168
docs citations

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3298
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#	ARTICLE	IF	CITATIONS
1	Relationship between Grain Yield and Quality Traits under Optimum and Low-Nitrogen Stress Environments in Tropical Maize. <i>Agronomy</i> , 2022, 12, 438.	1.3	6
2	The impact of low nitrogen conditions on the chemical composition and flour pasting properties of quality protein maize. <i>Cereal Research Communications</i> , 2022, 50, 1117-1125.	0.8	2
3	Heritability and Associations among Grain Yield and Quality Traits in Quality Protein Maize (QPM) and Non-QPM Hybrids. <i>Plants</i> , 2022, 11, 713.	1.6	6
4	Identifying Quality Protein Maize Inbred Lines for Improved Nutritional Value of Maize in Southern Africa. <i>Foods</i> , 2022, 11, 898.	1.9	5
5	Diversity in seed protein content, selected minerals, oil content and fatty acid composition of the Southern African Bambara groundnut germplasm collection. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104477.	1.9	5
6	Does the quality protein maize trait cause hybrid yield losses? A case study in Southern Africa. <i>Euphytica</i> , 2022, 218, .	0.6	1
7	Breeding of Vegetable Cowpea for Nutrition and Climate Resilience in Sub-Saharan Africa: Progress, Opportunities, and Challenges. <i>Plants</i> , 2022, 11, 1583.	1.6	20
8	Fall Armyworm Tolerance of Maize Parental Lines, Experimental Hybrids, and Commercial Cultivars in Southern Africa. <i>Agronomy</i> , 2022, 12, 1463.	1.3	8
9	Salicylic Acid Improves Growth and Physiological Attributes and Salt Tolerance Differentially in Two Bread Wheat Cultivars. <i>Plants</i> , 2022, 11, 1853.	1.6	14
10	Interrelationship between grain yield components and nutritional quality traits in cowpea genotypes. <i>South African Journal of Botany</i> , 2022, 150, 34-43.	1.2	6
11	The evaluation of a southern African cowpea germplasm collection for seed yield and yield components. <i>Crop Science</i> , 2021, 61, 466-489.	0.8	17
12	Determining the optimum gamma irradiation dose for developing novel maize genotypes. <i>Journal of Crop Improvement</i> , 2021, 35, 568-581.	0.9	5
13	Protein quality and quantity of quality protein maize (QPM) and non-QPM hybrids under optimal and low nitrogen conditions. <i>Cereal Chemistry</i> , 2021, 98, 507-516.	1.1	5
14	Combining ability of soybean (<i>Glycine max</i> L.) yield performance and related traits under water-limited stress conditions. <i>Euphytica</i> , 2021, 217, 1.	0.6	4
15	Low nitrogen and phosphorus effects on wheat Fe, Zn, phytic acid and phenotypic traits. <i>South African Journal of Science</i> , 2021, 117, .	0.3	1
16	Multinutrient Biofortification of Maize (<i>Zea mays</i> L.) in Africa: Current Status, Opportunities and Limitations. <i>Nutrients</i> , 2021, 13, 1039.	1.7	40
17	Assessment of genetic diversity and structure of Bambara groundnut [<i>Vigna subterranea</i> (L.) verdc.] landraces in South Africa. <i>Scientific Reports</i> , 2021, 11, 7408.	1.6	14
18	Solvent Retention Capacity and Gluten Protein Composition of Durum Wheat Flour as Influenced by Drought and Heat Stress. <i>Plants</i> , 2021, 10, 1000.	1.6	8

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19	Xenia and Deficit Nitrogen Influence the Iron and Zinc Concentration in the Grains of Hybrid Maize. <i>Agronomy</i> , 2021, 11, 1388.	1.3	1
20	Gluten protein response to heat and drought stress in durum wheat as measured by reverse phase - High performance liquid chromatography. <i>Journal of Cereal Science</i> , 2021, 100, 103267.	1.8	16
21	Bread Wheat (<i>Triticum aestivum</i>) Responses to Arbuscular Mycorrhizae Inoculation under Drought Stress Conditions. <i>Plants</i> , 2021, 10, 1756.	1.6	7
22	Genetic Analysis of Yield and Quality Characteristics in Provitamin A Hybrid Cassava Families in Ghana. <i>Agronomy</i> , 2021, 11, 1911.	1.3	0
23	Variability in the concentration of mineral elements and phytochemical contents of cowpea genotypes for crop improvement. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2021, 71, 132-144.	0.3	4
24	Influence of low soil nitrogen and phosphorus on gluten polymeric and monomeric protein distribution in two high quality spring wheat cultivars. <i>Journal of Cereal Science</i> , 2020, 91, 102867.	1.8	5
25	Efficiency of indirect selection for grain yield in maize (<i>Zea mays</i> L.) under low nitrogen conditions through secondary traits under low nitrogen and grain yield under optimum conditions. <i>Euphytica</i> , 2020, 216, 1.	0.6	12
26	Fall armyworm invasion, control practices and resistance breeding in Sub-Saharan Africa. <i>Crop Science</i> , 2020, 60, 2951-2970.	0.8	39
27	The effect of different milling procedures on dough mixing parameters of hard red bread wheat. <i>Cereal Research Communications</i> , 2020, 48, 477-483.	0.8	0
28	Combining Ability and Genetic Components of Yield Characteristics, Dry Matter Content, and Total Carotenoids in Provitamin A Cassava F1 Cross-Progeny. <i>Agronomy</i> , 2020, 10, 1850.	1.3	4
29	Proximate Composition, Cyanide Content, and Carotenoid Retention after Boiling of Provitamin A-Rich Cassava Grown in Ghana. <i>Foods</i> , 2020, 9, 1800.	1.9	13
30	The Influence of Soil Acidity on the Physiological Responses of Two Bread Wheat Cultivars. <i>Plants</i> , 2020, 9, 1472.	1.6	9
31	Genetic Dissection of Nitrogen Use Efficiency in Tropical Maize Through Genome-Wide Association and Genomic Prediction. <i>Frontiers in Plant Science</i> , 2020, 11, 474.	1.7	33
32	Proteomic Analysis of Proteins Responsive to Drought and Low Temperature Stress in a Hard Red Spring Wheat Cultivar. <i>Molecules</i> , 2020, 25, 1366.	1.7	14
33	Line \bar{A} - tester analysis of maize grain yield under acid and non-acid soil conditions. <i>Crop Science</i> , 2020, 60, 991-1003.	0.8	12
34	Genetic Dissection of Grain Yield and Agronomic Traits in Maize under Optimum and Low-Nitrogen Stressed Environments. <i>International Journal of Molecular Sciences</i> , 2020, 21, 543.	1.8	18
35	Genotype and genotype \times environment interaction effects on the grain yield performance of cowpea genotypes in dryland farming system in South Africa. <i>Euphytica</i> , 2020, 216, 1.	0.6	27
36	Solvent retention capacity and swelling index of glutenin in hard red wheat flour as possible indicators of rheological and baking quality characteristics. <i>Journal of Cereal Science</i> , 2020, 93, 102983.	1.8	9

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37	Genetic variability, stability and heritability for quality and yield characteristics in provitamin A cassava varieties. <i>Euphytica</i> , 2020, 216, 31.	0.6	14
38	Contribution of Genetic Resources to Grain Storage Protein Composition and Wheat Quality. , 2020, , 39-72.		3
39	Recent advances in banana (<i>Musa</i> spp.) biofortification to alleviate vitamin A deficiency. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3498-3510.	5.4	24
40	Effects of different fertilization levels on the concentration of high molecular weight glutenin subunits of two spring, hard red bread wheat cultivars. <i>Cereal Chemistry</i> , 2019, 96, 1004-1010.	1.1	13
41	Variability of carotenoids in a <i>Musa</i> germplasm collection and implications for provitamin A biofortification. <i>Food Chemistry: X</i> , 2019, 2, 100024.	1.8	11
42	Provitamin A Maize Hybrid Response to Drought, Heat, Low Nitrogen, and Low Phosphorous Stress. <i>Crop Science</i> , 2019, 59, 2533-2543.	0.8	1
43	Effects of In Vitro Polyploidization on Agronomic Characteristics and Fruit Carotenoid Content; Implications for Banana Genetic Improvement. <i>Frontiers in Plant Science</i> , 2019, 10, 1450.	1.7	9
44	Contribution of sugarcane crop wild relatives in the creation of improved varieties in Mauritius. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2019, 17, 151-163.	0.4	4
45	Selection of cowpea genotypes based on grain mineral and total protein content. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2019, 69, 155-166.	0.3	27
46	The development and release of maize fortified with provitamin A carotenoids in developing countries. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 1284-1293.	5.4	25
47	Physiological responses of wheat to drought stress and its mitigation approaches. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	83
48	Genotype x environment interactions and optimum resource allocation for sugarcane yield trials in Swaziland. <i>Journal of Crop Improvement</i> , 2018, 32, 441-452.	0.9	6
49	Trends and magnitudes of genotype \times environment interaction variance components for yield, quality and agronomic traits among coastal short cycle sugarcane breeding populations. <i>South African Journal of Plant and Soil</i> , 2018, 35, 41-50.	0.4	4
50	Location and crop-year effects on sugarcane genotype performance for the coastal short cycle breeding programmes in South Africa. <i>South African Journal of Plant and Soil</i> , 2018, 35, 79-87.	0.4	4
51	Genetic diversity of improved varieties of intraspecific (<i>O. sativa</i> and <i>O. glaberrima</i>) and interspecific (<i>O. sativa</i> \times <i>O. glaberrima</i>) rice. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 797-809.	0.8	3
52	Defining associations between grain yield and protein quantity and quality in wheat from the three primary production regions of South Africa. <i>Journal of Cereal Science</i> , 2018, 79, 294-302.	1.8	4
53	Quantifying sugarcane cultivar differences in tiller and stalk phenology: identifying traits suited to crop model-assisted breeding. <i>Journal of Crop Improvement</i> , 2018, 32, 847-860.	0.9	2
54	Genetic relationships and heterotic structure of quality protein maize (<i>Zea mays</i> L.) inbred lines adapted to eastern and southern Africa. <i>Euphytica</i> , 2018, 214, 1.	0.6	1

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55	Measuring the impact of plant breeding on sub-Saharan African staple crops. <i>Outlook on Agriculture</i> , 2018, 47, 163-180.	1.8	26
56	A review of cereal grain proteomics and its potential for sorghum improvement. <i>Journal of Cereal Science</i> , 2018, 84, 151-158.	1.8	34
57	Iron and Zinc in Maize in the Developing World: Deficiency, Availability, and Breeding. <i>Crop Science</i> , 2018, 58, 2200-2213.	0.8	14
58	Trends in broad-sense heritability and predicted selection gains for the coastal short cycle breeding sugarcane programmes in South Africa. <i>South African Journal of Plant and Soil</i> , 2018, 35, 89-99.	0.4	1
59	Effect of quantity of HMW-GS 1Ax1, 1Bx13, 1By16, 1Dx5 and 1Dy10 on baking quality in different genetic backgrounds and environments. <i>LWT - Food Science and Technology</i> , 2017, 78, 160-164.	2.5	8
60	Combining ability and testcross performance of drought-tolerant maize inbred lines under stress and non-stress environments in Kenya. <i>Plant Breeding</i> , 2017, 136, 197-205.	1.0	50
61	Estimation of outcrossing rates in intraspecific (<i>Oryza sativa</i>) and interspecific (<i>Oryza sativa</i> – <i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 62	0.6	3
62	Diallel analysis of acid soil tolerant and susceptible maize inbred lines for grain yield under acid and non-acid soil conditions. <i>Euphytica</i> , 2017, 213, 1.	0.6	7
63	Gains in Maize Genetic Improvement in Eastern and Southern Africa: I. CIMMYT Hybrid Breeding Pipeline. <i>Crop Science</i> , 2017, 57, 168-179.	0.8	94
64	Can Protein Quantity and Quality Predict the Breadmaking Quality of South African Wheat?. <i>Cereal Foods World</i> , 2017, 62, 196-201.	0.7	1
65	The Content of Tocols in South African Wheat; Impact on Nutritional Benefits. <i>Foods</i> , 2017, 6, 95.	1.9	6
66	Genetic Diversity among Selected Elite CIMMYT Maize Hybrids in East and Southern Africa. <i>Crop Science</i> , 2017, 57, 2395-2404.	0.8	10
67	Gains in Maize Genetic Improvement in Eastern and Southern Africa: II. CIMMYT Open-Pollinated Variety Breeding Pipeline. <i>Crop Science</i> , 2017, 57, 180-191.	0.8	63
68	Genetic variation and population structure of maize inbred lines adapted to the mid-altitude sub-humid maize agro-ecology of Ethiopia using single nucleotide polymorphic (SNP) markers. <i>BMC Genomics</i> , 2017, 18, 777.	1.2	36
69	Genetic Relationships in Malawian Cocoyam Measured by Morphological and DNA Markers. <i>Crop Science</i> , 2016, 56, 1189-1198.	0.8	2
70	Stability and genotype by environment interaction of provitamin A carotenoid and dry matter content in cassava in Uganda. <i>Breeding Science</i> , 2016, 66, 434-443.	0.9	21
71	Quantification of Mineral Composition and Total Protein Content in Sorghum [<i>Sorghum Bicolor</i> (L.) Moench] Genotypes. <i>Cereal Research Communications</i> , 2016, 44, 272-285.	0.8	18
72	Diallel analysis of provitamin A carotenoid and dry matter content in cassava (<i>Manihot) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 62	0.9	20

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73	Genetic variation and trait associations of yield, protein and grain micronutrients for identification of promising sorghum varieties. <i>Cereal Research Communications</i> , 2016, 44, 681-693.	0.8	5
74	Heritability and expression of selected mixograph parameters in progeny of parents varying for mixing time. <i>Cereal Research Communications</i> , 2016, 44, 472-480.	0.8	0
75	Abiotic stress induced changes in protein quality and quantity of two bread wheat cultivars. <i>Journal of Cereal Science</i> , 2016, 69, 259-263.	1.8	21
76	Genome-wide association mapping of provitamin A carotenoid content in cassava. <i>Euphytica</i> , 2016, 212, 97-110.	0.6	36
77	Quality assessment with HPLC in released varieties of tetraploid (<i>Triticum durum</i> Desf.) wheat from Ethiopia and Spain. <i>Cereal Research Communications</i> , 2016, 44, 617-627.	0.8	5
78	Dough mixing characteristics measured by Mixsmart software as possible predictors of bread making quality in three production regions of South Africa. <i>Journal of Cereal Science</i> , 2016, 70, 192-198.	1.8	3
79	GENOTYPIC VARIATION OF RIND COLOUR IN CITRUS TANGOR KIYOMI FAMILIES. <i>Acta Horticulturae</i> , 2015, , 439-447.	0.1	4
80	Comparison of Kompetitive Allele Specific PCR (KASP) and genotyping by sequencing (GBS) for quality control analysis in maize. <i>BMC Genomics</i> , 2015, 16, 908.	1.2	89
81	Multienvironment Performance of New Orange-fleshed Sweetpotato Cultivars in South Africa. <i>Crop Science</i> , 2015, 55, 1585-1595.	0.8	22
82	Relationships between heterosis, genetic distances and specific combining ability among CIMMYT and Zimbabwe developed maize inbred lines under stress and optimal conditions. <i>Euphytica</i> , 2015, 204, 635-647.	0.6	27
83	The influence of abiotic stress conditions on dough mixing characteristics of two hard red spring wheat cultivars. <i>Journal of Cereal Science</i> , 2015, 63, 134-139.	1.8	4
84	Agronomic performance of new cream to yellow-orange sweetpotato cultivars in diverse environments across South Africa. <i>South African Journal of Plant and Soil</i> , 2015, 32, 147-155.	0.4	7
85	Effect of heat stress on seed yield components and oil composition in high- and mid-oleic sunflower hybrids. <i>South African Journal of Plant and Soil</i> , 2015, 32, 121-128.	0.4	16
86	Developing Cassava Mosaic Disease resistant cassava varieties in Ghana using a marker assisted selection approach. <i>Euphytica</i> , 2015, 203, 549-556.	0.6	6
87	Genetic variability among sorghum accessions for seed starch and stalk total sugar content. <i>Scientia Agricola</i> , 2014, 71, 472-479.	0.6	13
88	Combining Ability of Certain Agronomic Traits in Quality Protein Maize under Stress and Nonstress Environments in Eastern and Southern Africa. <i>Crop Science</i> , 2014, 54, 1004-1014.	0.8	21
89	Genetic diversity assessment in sorghum accessions using qualitative morphological and amplified fragment length polymorphism markers. <i>Scientia Agricola</i> , 2014, 71, 394-401.	0.6	8
90	Tocochromanol concentration, protein composition and baking quality of white flour of South African wheat cultivars. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 127-131.	1.9	10

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91	From sugar industry to cane industry: Evaluation and simultaneous selection of different types of high biomass canes. <i>Biomass and Bioenergy</i> , 2014, 61, 82-92.	2.9	35
92	The influence of storage conditions on starch and amylose content of South African quality protein maize and normal maize hybrids. <i>Journal of Stored Products Research</i> , 2014, 56, 16-20.	1.2	9
93	The relationship between selected mixogram parameters and rheological and baking characteristics in hard red bread wheat grown in South Africa. <i>Journal of Cereal Science</i> , 2014, 59, 219-223.	1.8	1
94	Genotype \times Environment Interaction of Maize Grain Yield Using AMMI Biplots. <i>Crop Science</i> , 2014, 54, 1992-1999.	0.8	30
95	Association of parental genetic distance with heterosis and specific combining ability in quality protein maize. <i>Euphytica</i> , 2013, 191, 205-216.	0.6	48
96	Grain and milling characteristics and their relationship with selected mixogram parameters in hard red bread wheat. <i>Journal of Cereal Science</i> , 2013, 57, 56-60.	1.8	5
97	Combining ability of cassava genotypes for cassava mosaic disease and cassava bacterial blight, yield and its related components in two ecological zones in Ghana. <i>Euphytica</i> , 2013, 194, 13-24.	0.6	24
98	Variation of fruit size and shape in Kiyomi tangor families. <i>Scientia Horticulturae</i> , 2013, 162, 357-364.	1.7	9
99	Genetic diversity of cassava (<i>Manihot esculenta</i> Crantz) landraces and cultivars from southern, eastern and central Africa. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2013, 11, 170-181.	0.4	32
100	The use of sensory attributes, sugar content, instrumental data and consumer acceptability in selection of sweet potato varieties. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1610-1619.	1.7	35
101	Stability of seed oil quality traits in high and mid-oleic acid sunflower hybrids. <i>Euphytica</i> , 2013, 193, 157-168.	0.6	25
102	Assessment of genetic diversity in sorghum using phenotypic markers. <i>Cereal Research Communications</i> , 2013, 41, 509-518.	0.8	4
103	Integrating Empirical and Analytical Approaches to Investigate Genotype \times Environment Interactions in Sugarcane. <i>Crop Science</i> , 2012, 52, 2153-2165.	0.8	15
104	Diallel analysis of field resistance to brown streak disease in cassava (<i>Manihot esculenta</i> Crantz) landraces from Tanzania. <i>Euphytica</i> , 2012, 187, 277-288.	0.6	37
105	Diversity in starch, protein and mineral composition of sorghum landrace accessions from Ethiopia. <i>Journal of Crop Science and Biotechnology</i> , 2012, 15, 275-280.	0.7	45
106	The interaction of stem strength with plant density and nitrogen application in wheat progeny from parents with varying stem strength. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2012, 62, 251-255.	0.3	0
107	Sprouting tolerance and falling number in South African hybrid bread wheat cultivars and their parent lines. <i>Journal of Cereal Science</i> , 2012, 56, 754-759.	1.8	3
108	Trans- β -carotene, selected mineral content and potential nutritional contribution of 12 sweetpotato varieties. <i>Journal of Food Composition and Analysis</i> , 2012, 27, 151-159.	1.9	57

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109	Local scale patterns of gene flow and genetic diversity in a crop-wild-weedy complex of sorghum (<i>Sorghum bicolor</i> (L.) Moench) under traditional agricultural field conditions in Kenya. <i>Conservation Genetics</i> , 2012, 13, 1059-1071.	0.8	21
110	Increased storage protein from interspecific F1 hybrids between cassava (<i>Manihot esculenta</i> Crantz) and its wild progenitor (<i>M. esculenta</i> ssp. <i>flabellifolia</i>). <i>Euphytica</i> , 2012, 185, 303-311.	0.6	6
111	From sugar industry to cane industry: investigations on multivariate data analysis techniques in the identification of different high biomass sugarcane varieties. <i>Euphytica</i> , 2012, 185, 543-558.	0.6	30
112	QTL Analysis for Root Protein in a Backcross Family of Cassava Derived from <i>Manihot esculenta</i> ssp. <i>flabellifolia</i> . <i>Tropical Plant Biology</i> , 2012, 5, 161-172.	1.0	6
113	Investigating test site similarity, trait relations and causes of genotype-environment interactions of sugarcane in the Midlands region of South Africa. <i>Field Crops Research</i> , 2012, 129, 71-80.	2.3	24
114	Introgression of whitefly (<i>Aleurotrachelus socialis</i>) resistance gene from F1 inter-specific hybrids into commercial cassava. <i>Euphytica</i> , 2012, 183, 19-26.	0.6	13
115	Allelic variation of HMW glutenin subunits of Ethiopian bread wheat cultivars and their quality. <i>African Crop Science Journal</i> , 2011, 19, .	0.1	8
116	Genetic diversity among South African cactus pear genebank accessions using AFLP markers. <i>Bradleya</i> , 2011, 29, 103-114.	0.0	3
117	Protein quality and endosperm modification of quality protein maize (<i>Zea mays</i> L.) under two contrasting soil nitrogen environments. <i>Field Crops Research</i> , 2011, 121, 408-415.	2.3	11
118	Variation in qualitative and quantitative traits of cassava germplasm from selected national breeding programmes in sub-Saharan Africa. <i>Field Crops Research</i> , 2011, 122, 151-156.	2.3	22
119	Interpretation of genotype-environment interactions of sugarcane: Identifying significant environmental factors. <i>Field Crops Research</i> , 2011, 124, 392-399.	2.3	53
120	Genetic structure and relationships within and between cultivated and wild sorghum (<i>Sorghum</i>) Tj ETQqO O O rgBT /Overlock 10 Tf 50 30 2011, 122, 989-1004.	1.8	48
121	Relationship Between Malting Quality Traits and Hordeins as Affected by Timing of Nitrogen Fertilizer Application. <i>Cereal Chemistry</i> , 2010, 87, 393-397.	1.1	1
122	The Effect of Variety and Location on Cactus Pear (<i>Opuntia ficus-indica</i>) Fruit Quality. <i>Plant Foods for Human Nutrition</i> , 2010, 65, 136-145.	1.4	53
123	Diallel analysis of cassava brown streak disease, yield and yield related characteristics in Mozambique. <i>Euphytica</i> , 2010, 176, 309-320.	0.6	19
124	Ecogeographical distribution of wild, weedy and cultivated <i>Sorghum bicolor</i> (L.) Moench in Kenya: implications for conservation and crop-to-wild gene flow. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 243-253.	0.8	49
125	Influencing factors of sodium dodecyl sulfate sedimentation in bread wheat. <i>Journal of Cereal Science</i> , 2010, 52, 96-99.	1.8	15
126	Isolation and physicochemical characterisation of starch from cocoyam (<i>Colocasia esculenta</i>) grown in Malawi. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, n/a-n/a.	1.7	25

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127	OIL CONTENT AND FATTY ACID COMPOSITION OF CACTUS PEAR SEED COMPARED WITH COTTON AND GRAPE SEED. <i>Journal of Food Biochemistry</i> , 2010, 34, 93-100.	1.2	34
128	Microsatellite-based assessment of five <i>Solanum nigrum</i> complex species and their progeny. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2010, 60, 494-499.	0.3	2
129	Yield traits as selection indices in seedling populations of cassava. <i>Crop Breeding and Applied Biotechnology</i> , 2010, 10, 191-196.	0.1	21
130	The influence of temperature extremes on some quality and starch characteristics in bread, biscuit and durum wheat. <i>Journal of Cereal Science</i> , 2009, 49, 184-189.	1.8	83
131	The influence of environment and season on stalk yield in kenaf. <i>Industrial Crops and Products</i> , 2009, 29, 377-380.	2.5	21
132	Identification, characterisation and application of single nucleotide polymorphisms for diversity assessment in cassava (<i>Manihot esculenta</i> Crantz). <i>Molecular Breeding</i> , 2009, 23, 669-684.	1.0	59
133	Combining ability for yield and fibre characteristics in Tanzanian cotton germplasm. <i>Euphytica</i> , 2008, 161, 383-389.	0.6	29
134	Genetic diversity and correlation of bean caffeine content with cup quality and green bean physical characteristics in coffee (<i>Coffea arabica</i> L.). <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1726-1730.	1.7	39
135	Fatty acid and oil variation in seed from kenaf (<i>Hibiscus cannabinus</i> L.). <i>Industrial Crops and Products</i> , 2008, 27, 104-109.	2.5	40
136	The evaluation of oil and fatty acid composition in seed of cotton accessions from various countries. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 340-347.	1.7	41
137	The impact of cold temperatures during grain maturation on selected quality parameters of wheat. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1783-1793.	1.7	9
138	The Influence of Environment on Starch Content and Amylose to Amylopectin Ratio in Wheat. <i>Starch/Staerke</i> , 2007, 59, 234-238.	1.1	20
139	Components of resistance to banana weevil (<i>Cosmopolites sordidus</i>) in <i>Musa</i> germplasm in Uganda. <i>Entomologia Experimentalis Et Applicata</i> , 2007, 122, 27-35.	0.7	14
140	The Use of SE-HPLC for Quality Prediction in Two African Countries. <i>Special Publication - Royal Society of Chemistry</i> , 2007, , 105-108.	0.0	0
141	Genetic diversity analysis in sorghum germplasm as estimated by AFLP, SSR and morpho-agronomical markers. <i>Biodiversity and Conservation</i> , 2006, 15, 3251-3265.	1.2	81
142	The influence of different nitrogen treatments on the size distribution of protein fractions in hard and soft wheat. <i>Journal of Cereal Science</i> , 2006, 43, 315-321.	1.8	25
143	Combining ability and heritability for vitamin C and total soluble solids in pepper (<i>Capsicum annuum</i>) Tj ETQq1 1 0.784314 r ² BT /Overlo	1.7	38
144	Plant and fruit characteristics of cactus pear (<i>Opuntia</i> spp.) cultivars in South Africa. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 1921-1925.	1.7	8

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145	Components of resistance to banana weevil (<i>Cosmopolites sordidus</i>) in <i>Musa</i> germplasm in Uganda. <i>Entomologia Experimentalis Et Applicata</i> , 2006, .	0.7	0
146	Chromosome locations of leaf rust resistance genes in selected tetraploid wheats through substitution lines. <i>Euphytica</i> , 2005, 141, 209-216.	0.6	13
147	Qualitative Traits Variation in Sorghum (<i>Sorghum Bicolor</i> (L.) Moench) Germplasm from, Eastern Highlands of Ethiopia. <i>Biodiversity and Conservation</i> , 2005, 14, 3055-3064.	1.2	31
148	Genetic Variability in Pepper (<i>Capsicum annum</i> L.) Estimated by Morphological Data and Amplified Fragment Length Polymorphism Markers. <i>Biodiversity and Conservation</i> , 2005, 14, 2361-2375.	1.2	59
149	Phenotypic variation in barley (<i>Hordeum vulgare</i> L.) landraces from north Shewa in Ethiopia. <i>Biodiversity and Conservation</i> , 2004, 13, 1441-1451.	1.2	24
150	Inheritance of evapotranspiration and transpiration efficiencies in diallel F1 hybrids of durum wheat (<i>Triticum turgidum</i> L. var. durum). <i>Euphytica</i> , 2004, 136, 69-79.	0.6	15
151	Characterization and genetic distance analysis of cassava (<i>Manihot esculenta</i> Crantz) germplasm from Mozambique using RAPD fingerprinting. <i>Euphytica</i> , 2004, 138, 49-53.	0.6	33
152	Variability in oil content and fatty acid composition of Ethiopian and introduced cultivars of linseed. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 601-607.	1.7	42
153	Stability of native starch quality parameters, starch extraction and root dry matter of cassava genotypes in different environments. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 1381-1388.	1.7	61
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155	Title is missing!. <i>Euphytica</i> , 2003, 132, 109-113.	0.6	24
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157	Parametric and nonparametric measures of phenotypic stability in linseed (<i>Linum usitatissimum</i> L.). <i>Euphytica</i> , 2003, 129, 211-218.	0.6	22
158	The influence of eyespot resistance genes on baking quality and yield in wheat. <i>Journal of the Science of Food and Agriculture</i> , 2002, 82, 1537-1540.	1.7	13
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160	Heritability estimates of bread wheat quality traits in the Western Cape province of South Africa. <i>Euphytica</i> , 2002, 127, 115-122.	0.6	36
161	Multivariate assessment of canning quality, chemical characteristics and yield of small white canning beans (<i>Phaseolus vulgaris</i> L.) in South Africa. <i>Journal of the Science of Food and Agriculture</i> , 2001, 81, 30-35.	1.7	18
162	The inheritance and expression of grain texture in wheat, as measured by a microtome procedure. <i>Euphytica</i> , 2000, 112, 261-265.	0.6	0

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164	Biscuit-making quality of backcross derivatives of wheat differing in kernel hardness. Euphytica, 1997, 96, 263-266.	0.6	13
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