Felix Dapare Dakora

List of Publications by Year
in descending order

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Version: 2024-02-01

134 papers	5,882 citations	94433 37 h-index	85541 71 g-index
138 all docs	138 docs citations	138 times ranked	5496 citing authors

#	Article	IF	Citations
1	Root exudates as mediators of mineral acquisition in low-nutrient environments. Plant and Soil, 2002, 245, 35-47.	3.7	1,054
2	The contributions of nitrogen-fixing crop legumes to the productivity of agricultural systems. Symbiosis, 2009, 48, 1-17.	2.3	613
3	Diverse functions of isoflavonoids in legumes transcend anti-microbial definitions of phytoalexins. Physiological and Molecular Plant Pathology, 1996, 49, 1-20.	2.5	246
4	Contribution of legume nitrogen fixation to sustainable agriculture in Sub-Saharan Africa. Soil Biology and Biochemistry, 1997, 29, 809-817.	8.8	178
5	Alfalfa (Medicago sativa L.) Root Exudates Contain Isoflavonoids in the Presence of Rhizobium meliloti. Plant Physiology, 1993, 101, 819-824.	4.8	142
6	Defining new roles for plant and rhizobial molecules in sole and mixed plant cultures involving symbiotic legumes. New Phytologist, 2003, 158, 39-49.	7.3	129
7	Potential use of rhizobial bacteria as promoters of plant growth for increased yield in landraces of African cereal crops. African Journal of Biotechnology, 2004, 3, 1-7.	0.6	114
8	Plant-Associated Symbiotic Burkholderia Species Lack Hallmark Strategies Required in Mammalian Pathogenesis. PLoS ONE, 2014, 9, e83779.	2.5	106
9	Legume seed flavonoids and nitrogenous metabolites as signals and protectants in early seedling development. Functional Plant Biology, 2003, 30, 729.	2.1	98
10	African legumes: a vital but under-utilized resource. Journal of Experimental Botany, 2010, 61, 1257-1265.	4.8	98
11	Symbiotic functioning and bradyrhizobial biodiversity of cowpea (Vigna unguiculataL. Walp.) in Africa. BMC Microbiology, 2010, 10, 89.	3.3	85
12	Yield and economic benefits of common bean (Phaseolus vulgaris) and soybean (Glycine max) inoculation in northern Tanzania. Australian Journal of Experimental Agriculture, 2006, 46, 571.	1.0	83
13	Assessment of N2 fixation in groundnut (Arachis hypogaea L.) and cowpea (Vigna unguiculata L. Walp) and their relative N contribution to a succeeding maize crop in Northern Ghana. MIRCEN Journal of Applied Microbiology and Biotechnology, 1987, 3, 389-399.	0.3	79
14	Nature and mechanisms of aluminium toxicity, tolerance and amelioration in symbiotic legumes and rhizobia. Biology and Fertility of Soils, 2018, 54, 309-318.	4.3	75
15	Rhizosphere ecology of lumichrome and riboflavin, two bacterial signal molecules eliciting developmental changes in plants. Frontiers in Plant Science, 2015, 6, 700.	3.6	69
16	Plant Flavonoids: Biological Molecules for Useful Exploitation. Functional Plant Biology, 1995, 22, 87.	2.1	66
17	Rhizobia as a Source of Plant Growth-Promoting Molecules: Potential Applications and Possible Operational Mechanisms. Frontiers in Sustainable Food Systems, 2021, 4, .	3.9	61
18	Synthesis, release, and transmission of alfalfa signals to rhizobial symbionts. Plant and Soil, 1994, 161, 69-80.	3.7	60

#	Article	IF	Citations
19	Symbiotic N nutrition, C assimilation, and plant water use efficiency in Bambara groundnut (Vigna) Tj ETQq1 1 0.784314 rgBT /Overlock abundance. Biology and Fertility of Soils, 2014, 50, 307-319.	4.3	60
20	Research NotesCommon Bean Root Exudates Contain Elevated Levels of Daidzein and Coumestrol in Response toRhizobium Inoculation. Molecular Plant-Microbe Interactions, 1993, 6, 665.	2.6	58
21	Title is missing!. , 1999, 209, 181-186.		54
22	Silicon nutrition promotes root growth and tissue mechanical strength insymbiotic cowpea. Functional Plant Biology, 2003, 30, 947.	2.1	51
23	Distribution and Phylogeny of Microsymbionts Associated with Cowpea (Vigna unguiculata) Nodulation in Three Agroecological Regions of Mozambique. Applied and Environmental Microbiology, 2018, 84, .	3.1	51
24	Widespread Distribution of Highly Adapted Bradyrhizobium Species Nodulating Diverse Legumes in Africa. Frontiers in Microbiology, 2019, 10, 310.	3.5	51
25	Nodulation and effective nitrogen fixation of Macroptilium atropurpureum (siratro) by Burkholderia tuberum, a nodulating and plant growth promoting beta-proteobacterium, are influenced by environmental factors. Plant and Soil, 2013, 369, 543-562.	3.7	50
26	Grain yield of common bean (Phaseolus vulgaris L.) varieties is markedly increased by rhizobial inoculation and phosphorus application in Ethiopia. Symbiosis, 2018, 75, 245-255.	2.3	47
27	Title is missing!. Plant and Soil, 2003, 255, 495-502.	3.7	46
28	Adaptation of Nodulated Soybean (Glycine max L. Merr.) to Growth in Rhizospheres Containing Nonambient pO2. Plant Physiology, 1991, 96, 728-736.	4.8	45
29	The rhizosphere signal molecule lumichrome alters seedling development in both legumes and cereals. New Phytologist, 2005, 166, 439-444.	7.3	43
30	Silicon promotes nodule formation and nodule function in symbiotic cowpea (Vigna unguiculata). New Phytologist, 1999, 142, 463-467.	7.3	42
31	N2 fixation in cowpea plants grown in farmersâ€™ fields in the Upper West Region of Ghana, measured using15N natural abundance. Symbiosis, 2009, 48, 37-46.	2.3	42
32	Antibiotics Resistance in Rhizobium: Type, Process, Mechanism and Benefit for Agriculture. Current Microbiology, 2016, 72, 804-816.	2.2	42
33	Xylem transport and shoot accumulation of lumichrome, a newly recognized rhizobial signal, alters root respiration, stomatal conductance, leaf transpiration and photosynthetic rates in legumes and cereals. New Phytologist, 2005, 165, 847-855.	7.3	41
34	Effect of legume plant density and mixed culture on symbiotic N2 fixation in five cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	2.3	41
35	Elevated CO2stimulates associative N2fixation in a C3plant of the Chesapeake Bay wetland. Plant, Cell and Environment, 2000, 23, 943-953.	5.7	40
36	Symbiotic N2 fixation in 30 field-grown cowpea (Vigna unguiculata L. Walp.) genotypes in the Upper West Region of Ghana measured using 15N natural abundance. Biology and Fertility of Soils, 2010, 46, 191-198.	4.3	40

#	Article	IF	Citations
37	Rhizosphere acid and alkaline phosphatase activity as a marker of P nutrition in nodulated Cyclopia and Aspalathus species in the Cape fynbos of South Africa. South African Journal of Botany, 2013, 89, 289-295.	2.5	40
38	Microsymbiont diversity and phylogeny of native bradyrhizobia associated with soybean (Glycine max) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	40
39	Evaluation of Protein and Micronutrient Levels in Edible Cowpea (Vigna Unguiculata L. Walp.) Leaves and Seeds. Frontiers in Sustainable Food Systems, 2019, 3, .	3.9	40
40	Effects of Elevated Ultravioletâ€B Radiation on Native and Cultivated Plants of Southern Africa. Annals of Botany, 2002, 90, 127-137.	2.9	39
41	Evaluating N2 fixation by food grain legumes in farmersâ€™ fields in three agro-ecological zones of Zambia, using 15N natural abundance. Biology and Fertility of Soils, 2010, 46, 461-470.	4.3	39
42	Symbiotic nitrogen contribution and biodiversity of root-nodule bacteria nodulating Psoralea species in the Cape Fynbos, South Africa. Soil Biology and Biochemistry, 2012, 54, 68-76.	8.8	39
43	Seed flavonoids and anthocyanins as markers of enhanced plant defence in nodulated cowpea (Vigna) Tj ETQq1 1 0.784314 rgBT /Ov	5.1	38
44	Morphological and structural adaptation of nodules of cowpea to functioning under sub- and supra-ambient oxygen pressure. Planta, 1990, 182, 572-582.	3.2	37
45	Variation in N2 fixation and N contribution by 25 groundnut (Arachis hypogaea L.) varieties grown in different agro-ecologies, measured using 15N natural abundance. Agriculture, Ecosystems and Environment, 2014, 195, 161-172.	5.3	37
46	Nodule Function in Symbiotic Bambara Groundnut (Vigna subterraneaL.) and Kersting's Bean (Macrotyloma geocarpumL.) is Tolerant of Nitrate in the Root Medium. Annals of Botany, 1998, 82, 687-690.	2.9	35
47	Phytochemical profile of seeds from 21 Bambara groundnut landraces via UPLC-qTOF-MS. Food Research International, 2018, 112, 160-168.	6.2	35
48	Effect of pO2 on Growth and Nodule Functioning of Symbiotic Cowpea (Vigna unguiculata L. Walp.). Plant Physiology, 1990, 93, 948-955.	4.8	34
49	A functional relationship between leghaemoglobin and nitrogenase based on novel measurements of the two proteins in legume root nodules. Annals of Botany, 1995, 75, 49-54.	2.9	34
50	Effects of UV-B radiation on plant growth, symbiotic function and concentration of metabolites in three tropical grain legumes. Functional Plant Biology, 2003, 30, 309.	2.1	34
51	Isolation of Rhizobium meliloti nod Gene Inducers from Alfalfa Rhizosphere Soil. Applied and Environmental Microbiology, 1993, 59, 636-639.	3.1	34
52	Elevated levels of acid and alkaline phosphatase activity in roots and rhizosphere of cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 (Sorghum bicolor L.). Crop and Pasture Science, 2010, 61, 279.	1.5	32
53	Measurement of N2 fixation in 30 cowpea (Vigna unguiculata L. Walp.) genotypes under field conditions in Ghana, using the15N natural abundance technique. Symbiosis, 2009, 48, 47-56.	2.3	31
54	Phylogenetically diverse group of native bacterial symbionts isolated from root nodules of groundnut (Arachis hypogaea L.) in South Africa. Systematic and Applied Microbiology, 2017, 40, 215-226.	2.8	31

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55	African origin of Bradyrhizobium populations nodulating Bambara groundnut (Vigna subterranea L.) Tj ETQq1 1 0.784314 rgBT /Overl	2.5	30
56	Structural characterisation of lipo-chitin oligosaccharides isolated from Bradyrhizobium aspalati, microsymbionts of commercially important South African legumes. Carbohydrate Research, 1999, 317, 155-163.	2.3	29
57	Distribution and correlation between phylogeny and functional traits of cowpea (Vigna unguiculata) Tj ETQq1 1 0.784314 rgBT /Over	3.3	29
58	Symbiotic effectiveness and ecologically adaptive traits of native rhizobial symbionts of Bambara groundnut (Vigna subterranea L. Verdc.) in Africa and their relationship with phylogeny. Scientific Reports, 2019, 9, 12666.	3.3	29
59	Photosynthesis, water-use efficiency and Î´¹³C of five cowpea genotypes grown in mixed culture and at different densities with sorghum. Photosynthetica, 2010, 48, 143-155.	1.7	28
60	Field assessment of symbiotic N2 fixation in wild and cultivated Cyclopia species in the South African fynbos by 15N natural abundance. Tree Physiology, 2008, 29, 239-247.	3.1	27
61	Levels of nutritionally-important trace elements and macronutrients in edible leaves and grain of 27 nodulated cowpea (Vigna unguiculata L. Walp.) genotypes grown in the Upper West Region of Ghana. Food Chemistry, 2011, 125, 99-105.	8.2	26
62	Presence of diverse rhizobial communities responsible for nodulation of common bean (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	26
63	Yield components of nodulated cowpea (Vigna unguiculata) and maize (Zea mays) plants grown with exogenous phosphorus in different cropping systems. Australian Journal of Experimental Agriculture, 2007, 47, 583.	1.0	25
64	Distribution, diversity and population composition of soybean-nodulating bradyrhizobia from different agro-climatic regions in Ethiopia. Biology and Fertility of Soils, 2016, 52, 725-738.	4.3	25
65	Insights into the Phylogeny, Nodule Function, and Biogeographic Distribution of Microsymbionts Nodulating the Orphan Kerstingâ€™s Groundnut [Macrotyloma geocarpum (Harms) Marechal & Baudet] in African Soils. Applied and Environmental Microbiology, 2019, 85, .	3.1	25
66	Symbiotic N nutrition, bradyrhizobial biodiversity and photosynthetic functioning of six inoculated promiscuous-nodulating soybean genotypes. Journal of Plant Physiology, 2011, 168, 540-548.	3.5	24
67	Assessing host range, symbiotic effectiveness, and photosynthetic rates induced by native soybean rhizobia isolated from Mozambican and South African soils. Symbiosis, 2018, 75, 257-266.	2.3	24
68	Effect of NO3 on N2 fixation and nitrogenous solutes of xylem in two nodulated West African geocarpic legumes, Kersting's bean (Macrotyloma geocarpum L.) and Bambara groundnut (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	23
69	Evaluation of N2 fixation and agroforestry potential in selected tree legumes for sustainable use in South Africa. Soil Biology and Biochemistry, 1997, 29, 993-998.	8.8	23
70	N2 fixation, carbon accumulation, and plant water relations in soybean (Glycine max L. Merrill) varieties sampled from farmersâ€™ fields in South Africa, measured using 15N and 13C natural abundance. Agriculture, Ecosystems and Environment, 2016, 221, 174-186.	5.3	23
71	Symbiotic N2 Fixation and Grain Yield of Endangered Kersting's Groundnut Landraces in Response to Soil and Plant Associated Bradyrhizobium Inoculation to Promote Ecological Resource-Use Efficiency. Frontiers in Microbiology, 2018, 9, 2105.	3.5	23
72	Phylogeny and distribution of Bradyrhizobium symbionts nodulating cowpea (Vigna unguiculata L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Applied Microbiology, 2019, 42, 403-414.	2.8	22

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73	Effect of pO2 during Growth on the Gaseous Diffusional Properties of Nodules of Cowpea (Vigna) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	21
74	Subcellular organization of N2-fixing nodules of cowpea (Vigna unguiculata) supplied with silicon. Protoplasma, 2001, 216, 94-100.	2.1	21
75	Identification and distribution of microsymbionts associated with soybean nodulation in Mozambican soils. Systematic and Applied Microbiology, 2018, 41, 506-515.	2.8	21
76	Seed coat metabolite profiling of cowpea (Vigna unguiculata L. Walp.) accessions from Ghana using UPLC-PDA-QTOF-MS and chemometrics. Natural Product Research, 2020, 34, 1158-1162.	1.8	19
77	Nitrogen Nutrition of Nodules in Relation to `N-Hunger' in Cowpea (Vigna unguiculata L. Walp). Plant Physiology, 1989, 90, 1644-1649.	4.8	18
78	Response of purely symbiotic and NO3-fed nodulated plants of Lupinus luteus and Vicia atropurpurea to ultraviolet-B radiation. Journal of Experimental Botany, 2003, 54, 1771-1784.	4.8	18
79	Aspalathus linearis(Rooibos tea) as potential phytoremediation agent: a review on tolerance mechanisms for aluminum uptake. Environmental Reviews, 2013, 21, 85-92.	4.5	18
80	Response of promiscuous-nodulating soybean (Glycine max L. Merr.) genotypes to Bradyrhizobium inoculation at three field sites in Mozambique. Symbiosis, 2016, 69, 81-88.	2.3	17
81	Modification of rhizosphere pH by the symbiotic legume Aspalathus linearis growing in a sandy acidic soil. Functional Plant Biology, 2000, 27, 1169.	2.1	16
82	Competitive ability of selected Cyclopia Vent. rhizobia under glasshouse and field conditions. Soil Biology and Biochemistry, 2007, 39, 58-67.	8.8	16
83	Nitrogen fixation and symbiosis-induced accumulation of mineral nutrients by cowpea (Vigna) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	16
84	Effect of oxygen pressure on synthesis and export of nitrogenous solutes by nodules of cowpea. Planta, 1990, 182, 565-571.	3.2	15
85	Effects of UV-B radiation on seed yield of Glycine max and an assessment of F1 generation progeny for carryover effects. Physiologia Plantarum, 2007, 131, 378-386.	5.2	15
86	Identification and characterization of phages parasitic on bradyrhizobia nodulating groundnut () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	4.3	15
87	Effect of pO2 on the Formation and Status of Leghemoglobin in Nodules of Cowpea and Soybean. Plant Physiology, 1991, 95, 723-730.	4.8	14
88	Photosynthesis, symbiotic N and C accumulation in leaves of 30 nodulated cowpea genotypes grown in the field at Wa in the Guinea savanna of Ghana. Field Crops Research, 2011, 124, 279-287.	5.1	14
89	Commonality of root nodulation signals and nitrogen assimilation in tropical grain legumes belonging to the tribe Phaseoleae.. Functional Plant Biology, 2000, 27, 885.	2.1	14
90	Elevated Concentrations of Dietarily-Important Trace Elements and Macronutrients in Edible Leaves and Grain of 27 Cowpea (<i>Vigna unguiculata</i> L. Walp.) Genotypes: Implications for Human Nutrition and Health. Food and Nutrition Sciences (Print), 2012, 03, 377-386.	0.4	13

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91	Fastâ€growing bacteria from nodules of cowpea (Vigna unguiculata (L.) Walp.). Journal of Applied Bacteriology, 1984, 56, 327-330.	1.1	12
92	Nitrate additions enhance the photosynthetic sensitivity of a nodulated South African Mediterranean-climate legume (Podalyria calyptrata) to elevated UV-B. Environmental and Experimental Botany, 2003, 50, 197-210.	4.2	12
93	Assessing the suitability of antibiotic resistance markers and the indirect ELISA technique for studying the competitive ability of selected Cyclopia Vent. rhizobia under glasshouse and field conditions in South Africa. BMC Microbiology, 2009, 9, 142.	3.3	12
94	Nitrate inhibition of N2 fixation and its effect on micronutrient accumulation in shoots of soybean (Glycine max L. Merr.), Bambara groundnut (Vigna subterranea L. Vedc) and Kerstingâ€™s groundnut (Macrotyloma geocarpumÂHarms.). Symbiosis, 2018, 75, 205-216.	2.3	12
95	Responses to ultraviolet-B radiation by purely symbiotic and NO3-fed nodulated tree and shrub legumes indigenous to southern Africa. Tree Physiology, 2004, 24, 181-192.	3.1	11
96	Thin-layer chromatographic analysis of lumichrome, riboflavin and indole acetic acid in cell-free culture filtrate ofPsoralea nodule bacteria grown at different pH, salinity and temperature regimes. Symbiosis, 2009, 48, 173-181.	2.3	11
97	Nitrogen nutrition, carbon accumulation and Î´¹³C ofCyclopiaandAspalathusspecies in different settings of the Cape fynbos, South Africa. Journal of Plant Ecology, 2016, 9, 586-595.	2.3	11
98	Microbial community structure in the rhizosphere of the orphan legume Kerstingâ€™s groundnut [Macrotyloma geocarpum (Harms) Marechal & Baudet]. Molecular Biology Reports, 2019, 46, 4471-4481.	2.3	11
99	Rotation Benefits From N2-Fixing Grain Legumes to Cereals: From Increases in Seed Yield and Quality to Greater Household Cash-Income by a Following Maize Crop. Frontiers in Sustainable Food Systems, 2020, 4, .	3.9	11
100	Symbiotic performance of selectedCyclopia Vent. (honeybush) rhizobia under nursery and field conditions. Symbiosis, 2009, 48, 143-153.	2.3	10
101	Accumulation of mineral elements in the rhizosphere and shoots of Cyclopia and Aspalathus species under different settings of the Cape fynbos. South African Journal of Botany, 2017, 110, 103-109.	2.5	10
102	Assessing the relationship between photosynthetic C accumulation and symbiotic N nutrition in leaves of field-grown nodulated cowpea (Vigna unguiculata L. Walp.) genotypes. Photosynthetica, 2015, 53, 562-571.	1.7	9
103	Selecting elite groundnut (Arachis hypogaea L) genotypes for symbiotic N nutrition, water-use efficiency and pod yield at three field sites, using 15N and 13C natural abundance. Symbiosis, 2018, 75, 229-243.	2.3	8
104	An assessment of plant growth and N2 fixation in soybean genotypes grown inÂuninoculated soils collected from different locations in Ethiopia. Symbiosis, 2018, 75, 189-203.	2.3	8
105	Root phenolic accumulation and loss of autoregulation of root nodule formation in Bambara groundnut (Vigna subterranea) following boron nutrition and cotyledon excision. Functional Plant Biology, 1999, 26, 435.	2.1	7
106	Effect of N and P nutrition on extracellular secretion of lumichrome, riboflavin and indole acetic acid by N2-fixing bacteria and endophytes isolated from Psoralea nodules. Symbiosis, 2012, 57, 15-22.	2.3	7
107	Role of Flavonoid and Isoflavonoid Molecules in Symbiotic Functioning and Host-Plant Defence in the Leguminosae. , 2013, , 33-48.		7
108	Plant growth and N2 fixation in Cyclopia longifolia (Vogel L.) supplied with mineral nutrients in pot and field experiments. South African Journal of Botany, 2017, 110, 97-102.	2.5	7

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109	Phylogenetic evidence of allopatric speciation of bradyrhizobia nodulating cowpea (Vigna) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.7	7
110	Studies of Phylogeny, Symbiotic Functioning and Ecological Traits of Indigenous Microsymbionts Nodulating Bambara Groundnut (Vigna subterranea L. Verdc)Âin EswatiniÂ. Microbial Ecology, 2021, 82, 688-703.	2.8	7
111	Elemental distribution in tissue components of N2-fixing nodules of Psoralea pinnata plants growing naturally in wetland and upland conditions in the Cape Fynbos of South Africa. Protoplasma, 2014, 251, 869-879.	2.1	6
112	Relationship between acid phosphatase activity and P concentration in organs of Cyclopia and Aspalathus species, and a non-legume of the Cape Floristic Region. Journal of Plant Ecology, 2019, 12, 387-392.	2.3	6
113	Functional and genetic diversity of native rhizobial isolates nodulating cowpea (Vigna unguiculata L.) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	6
114	ALTERATION IN THE MINERAL NUTRITION OF PURELY SYMBIOTIC AND NITRATE-FED NODULATED LEGUMES EXPOSED TO ELEVATED UV-B RADIATION. Journal of Plant Nutrition, 2012, 35, 1-20.	1.9	5
115	Identification and quantification of anthocyanins in seeds of Kerstingâ€™s groundnut [Macrotyloma geocarpum (Harms) Marechal & Baudet] landraces of varying seedÂcoat pigmentation. Journal of Food Measurement and Characterization, 2019, 13, 2310-2317.	3.2	5
116	Accumulation of phosphorus and carbon and the dependency on biological N2 fixation for nitrogen nutrition in Polhillia, Wiborgia and Wiborgiella species growing in natural stands in cape fynbos, South Africa. Symbiosis, 2020, 81, 65-78.	2.3	5
117	Symbiotic functioning, structural adaptation, and subcellular organization of root nodules from Psoralea pinnata (L.) plants grown naturally under wetland and upland conditions in the Cape Fynbos of South Africa. Protoplasma, 2017, 254, 137-145.	2.1	4
118	Insights into nitrogen fixing traits and population structure analyses in cowpea (Vigna unguiculata L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.1	4
119	Diverse symbiovars nodulating cowpea (Vigna unguiculata L. Walp.) in highly adaptable agro-ecological zones in Mozambique. Systematic and Applied Microbiology, 2021, 44, 126220.	2.8	4
120	Black Seedcoat Pigmentation Is a Marker for Enhanced Nodulation and N2 Fixation in Bambara Groundnut (Vigna Subterranea L. Verdc.) Landraces. Frontiers in Agronomy, 2021, 3, .	3.3	4
121	Metabolite Fingerprinting of Kersting's Groundnut [Macrotyloma geocarpum (Harms) MarÃ©chal & Baudet] Seeds Using UPLC-qTOF-MS Reveals the Nutraceutical and Antioxidant Potentials of the Orphan Legume. Frontiers in Nutrition, 2020, 7, 593436.	3.7	4
122	Phylogenetic Relationship, Symbiotic Effectiveness, and Biochemical Traits of Native Rhizobial Symbionts of Cowpea (Vigna unguiculata L. Walp) in South African Soil. Journal of Soil Science and Plant Nutrition, 0, , 1.	3.4	4
123	Multienvironment Testing for Trait Stability and G Ã— E Interaction on N2 Fixation, Plant Development, and Water-Use Efficiency of 21 Elite Groundnut (Arachis hypogaea L.) Genotypes in the Guinea Savanna. Frontiers in Plant Science, 2019, 10, 1070.	3.6	3
124	Inhibition of N2 Fixation by N Fertilization of Common Bean (Phaseolus vulgaris L.) Plants Grown on Fields of Farmers in the Eastern Cape of South Africa, Measured Using 15N Natural Abundance and Tissue Ureide Analysis. Frontiers in Agronomy, 2021, 3, .	3.3	3
125	Harnessing ecosystem services from biological nitrogen fixation. , 2020, , 73-94.		2
126	Cowpea Genotypic Variations in N2 Fixation, Water Use Efficiency (Î´13C), and Grain Yield in Response to Bradyrhizobium Inoculation in the Field, Measured Using Xylem N Solutes, 15N, and 13C Natural Abundance. Frontiers in Agronomy, 2022, 4, .	3.3	2

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127	Phylogenetic relationships among Bradyrhizobium species nodulating groundnut (Arachis hypogea L.), jack bean (Canavalia ensiformis L.) and soybean (Glycine max Merr.) in Eswatini. Scientific Reports, 2022, 12, .	3.3	2
128	Effects of biostimulants on tissue and rhizospheric acid phosphatase activity of chickpea genotypes. South African Journal of Plant and Soil, 2021, 38, 180-183.	1.1	1
129	Rhizosphere P-Enzyme Activity, Mineral Nutrient Concentrations, and Microbial Community Structure Are Altered by Intra-Hole Cropping of Cowpea With Cereals. Frontiers in Agronomy, 2021, 3, .	3.3	1
130	Adaptability to local conditions and phylogenetic differentiation of microsymbionts of TGx soybean genotypes in the semi-arid environments of Ghana and South Africa. Systematic and Applied Microbiology, 2021, 44, 126264.	2.8	1
131	Ecological Significance of Lumichrome and Riboflavin as Signals in the Rhizosphere of Plants. , 2005, , 253-256.		1
132	Bradyrhizobium Inoculation of Field-Grown Kersting's Groundnut [Macrotyloma geocarpum (Harms) Marechal & Baudet] Increased Grain Yield and N2 Fixation, Measured Using the Ureide, and 15N Natural Abundance Techniques. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	1
133	Ecological adaptation and phylogenetic analysis of microsymbionts nodulating Polhillia, Wiborgia and Wiborgiella species in the Cape fynbos, South Africa. Scientific Reports, 2021, 11, 23614.	3.3	1
134	DnaK protein interaction of phage marked Bradyrhizobium of soybean. Annals of Microbiology, 2014, 64, 1535-1542.	2.6	0