

A. Muthama Muasya

List of Publications by Year in descending order

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87
papers

2,784
citations

172207

29
h-index

197535

49
g-index

91
all docs

91
docs citations

91
times ranked

2606
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration of traditional plant-based medicines used for livestock ailments in northeastern Ethiopiaby. South African Journal of Botany, 2022, 146, 230-242.	1.2	9
2	Three new species in the genus <i>Ficinia</i> (Cyperaceae, tribe Cyperaeae) from the Greater Cape Floristic Region of South Africa. Phytotaxa, 2022, 550, 287-294.	0.1	0
3	Delimiting the genera of the <i>Ficinia</i> Clade (Cyperaeae, Cyperaceae) based on molecular phylogenetic data. PeerJ, 2021, 9, e10737.	0.9	4
4	The evolutionary history of sedges (Cyperaceae) in Madagascar. Journal of Biogeography, 2021, 48, 917-932.	1.4	16
5	Resolving generic limits in Cyperaceae tribe Abildgaardieae using targeted sequencing. Botanical Journal of the Linnean Society, 2021, 196, 163-187.	0.8	10
6	An updated generic circumscription for Cryptangieae (Cyperaceae, Poales) based on a molecular phylogeny and a morphological character reconstruction. Phytotaxa, 2021, 483, 211-228.	0.1	5
7	Botanical Monography in the Anthropocene. Trends in Plant Science, 2021, 26, 433-441.	4.3	23
8	An integrative monograph of <i>Carex</i> section <i>Schoenoxiphium</i> (Cyperaceae). PeerJ, 2021, 9, e11336.	0.9	4
9	Global dispersal and diversification of the genus <i>Schoenus</i> (Cyperaceae) from the Western Australian biodiversity hotspot. Journal of Systematics and Evolution, 2021, 59, 791-808.	1.6	5
10	A new classification of Cyperaceae (Poales) supported by phylogenomic data. Journal of Systematics and Evolution, 2021, 59, 852-895.	1.6	46
11	A new lectotype for <i>Isolepis levynsiana</i> (Cyperaceae). Phytotaxa, 2021, 524, 65-66.	0.1	0
12	A taxonomic revision of <i>Schoenus cuspidatus</i> and allies (Cyperaceae, tribe Schoeneae)â€™Part 2. South African Journal of Botany, 2020, 130, 327-347.	1.2	5
13	Characterisation of alternative stable vegetation assemblages in a mesic savannah in Kenya. African Journal of Ecology, 2020, 58, 492-502.	0.4	1
14	An infrageneric classification of <i>Thesium</i> (Santalaceae) based on molecular phylogenetic data. Taxon, 2020, 69, 100-123.	0.4	13
15	<p>(Cyperaceae, tribe Schoeneae): a new species from Southern Africa</p>. Phytotaxa, 2020, 440, 239-244.	0.1	3
16	Threatened medicinal and economic plants of the Sudan Savanna in Katsina State, northwestern Nigeria. Bothalia, 2019, 49, .	0.2	6
17	Revision of the Afro-Madagascan genus <i>Costularia</i> (Schoeneae, Cyperaceae): infrageneric relationships and species delimitation. PeerJ, 2019, 7, e6528.	0.9	4
18	A taxonomic revision of <i>Schoenus compar</i> - <i>Schoenus pictus</i> and allies (Cyperaceae, tribe Schoeneae) with three new species described from South Africa. South African Journal of Botany, 2018, 114, 303-315.	1.2	9

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19	From terrestrial to aquatic habitats and back again: molecular insights into the evolution and phylogeny of <i>Callitriche</i> (Plantaginaceae). <i>Botanical Journal of the Linnean Society</i> , 2017, 184, 46-58.	0.8	19
20	Taxonomic revision of African <i>Psoralea pinnata</i> species complex (Psoraleeae, Leguminosae). <i>South African Journal of Botany</i> , 2017, 112, 128-179.	1.2	9
21	The wetland flora of South Africa: Occurrence patterns, frequency and dominance across a diverse landscape. <i>Aquatic Botany</i> , 2017, 142, 112-118.	0.8	9
22	The sclerophyllous wetlands on quartzite substrates in South Africa: Floristic description, classification and explanatory environmental factors. <i>South African Journal of Botany</i> , 2017, 113, 54-61.	1.2	7
23	Taxonomic realignment in the southern African <i>Tetraria</i> (Cyperaceae, tribe Schoeneae; Schoenus) Tj ETQq1 1 0.784314 rgBT /Overlook	1.2	18
24	Molecular phylogeny of the cosmopolitan aquatic plant genus <i>Limosella</i> (Scrophulariaceae) with a particular focus on the origin of the Australasian <i>L. curdieana</i> . <i>Journal of Plant Research</i> , 2017, 130, 107-116.	1.2	10
25	Spiny plants, mammal browsers, and the origin of African savannas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5572-9.	3.3	132
26	Biogeographical Patterns of Legume-Nodulating <i>Burkholderia</i> spp.: from African Fynbos to Continental Scales. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5099-5115.	1.4	71
27	Phylogenetics, ancestral state reconstruction, and a new infrageneric classification of <i>Scleria</i> (Cyperaceae) based on three DNA markers. <i>Taxon</i> , 2016, 65, 444-466.	0.4	13
28	Seven new species and notes on the genus <i>Aspalathus</i> (Crotalariaeae, Fabaceae). <i>South African Journal of Botany</i> , 2016, 104, 35-46.	1.2	8
29	Phylogeny of <i>Ruppia</i> (Ruppiaceae) Revisited: Molecular and Morphological Evidence for a New Species from Western Cape, South Africa. <i>Systematic Botany</i> , 2016, 40, 942-949.	0.2	9
30	Phylogeny of <i>Isolepis</i> (Cyperaceae) revisited: non-monophyletic nature of <i>I. fluitans</i> sensu lato and resurrection of <i>I. lenticularis</i> . <i>Plant Systematics and Evolution</i> , 2016, 302, 231-238.	0.3	2
31	The vegetation of grass lawn wetlands of floodplains and pans in semi-arid regions of South Africa: Description, classification and explanatory environmental factors. <i>South African Journal of Botany</i> , 2016, 104, 215-224.	1.2	7
32	A new delimitation of the Afro-Eurasian plant genus <i>Althenia</i> to include its Australasian relative, <i>Lepilaena</i> (Potamogetonaceae) – Evidence from DNA and morphological data. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 261-270.	1.2	10
33	Closely related allopatric <i>Podalyria</i> species from the Core Cape Subregion differ in their mechanisms for acquisition of phosphorus, growth and ecological niche. <i>Journal of Plant Ecology</i> , 2016, 9, 451-463.	1.2	3
34	Balanced allocation of organic acids and biomass for phosphorus and nitrogen demand in the fynbos legume <i>Podalyria calypttrata</i> . <i>Journal of Plant Physiology</i> , 2015, 174, 16-25.	1.6	12
35	Phylogenetic exploration of commonly used medicinal plants in South Africa. <i>Molecular Ecology Resources</i> , 2015, 15, 405-413.	2.2	47
36	Taxonomy of the southern African <i>Psoralea aphylla</i> complex (Psoraleeae, Leguminosae). <i>South African Journal of Botany</i> , 2015, 97, 77-100.	1.2	3

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37	Increasing nitrogen supply stimulates phosphorus acquisition mechanisms in the fynbos species <i>Aspalathus linearis</i> . <i>Functional Plant Biology</i> , 2015, 42, 52.	1.1	35
38	Towards resolving phylogenetic relationships in the <i>Ficinia</i> clade and description of the new genus <i>Afroscleroides</i> (Cyperaceae: Cyperaceae). <i>Taxon</i> , 2015, 64, 688-702.	0.4	7
39	Strong isolation by distance revealed among <i>Cyperus papyrus</i> populations in the Rift Valley lakes, Lake Victoria, and isolated wetlands of Kenya. <i>Aquatic Botany</i> , 2015, 121, 57-66.	0.8	10
40	Phylogenetic position of <i>Cyperus clandestinus</i> (Cyperaceae, Cyperaceae) clarified by morphological and molecular evidence. <i>Nordic Journal of Botany</i> , 2014, 32, 106-114.	0.2	11
41	Importance of seedling recruitment for regeneration and maintaining genetic diversity of <i>Cyperus papyrus</i> during drawdown in Lake Naivasha, Kenya. <i>Aquatic Botany</i> , 2014, 116, 93-102.	0.8	17
42	A revised evolutionary history of Poales: origins and diversification. <i>Botanical Journal of the Linnean Society</i> , 2014, 175, 4-16.	0.8	128
43	Savanna fire and the origins of the "underground forests" of Africa. <i>New Phytologist</i> , 2014, 204, 201-214.	3.5	179
44	A new classification for <i>Lipocarpa</i> and <i>Volkiella</i> as infrageneric taxa of <i>Cyperus</i> s.l. (Cyperaceae). <i>Phytotaxa</i> , 2014, 166, 1.	0.1	47
45	A conservation and floristic assessment of poorly known species rich quartz-silcrete outcrops within the <i>Renosterveld</i> (Overberg, Western Cape), with taxonomic descriptions of five new species. <i>South African Journal of Botany</i> , 2013, 87, 99-111.	1.2	22
46	Phylogenetic position of the southern African members of the tribe <i>Psoraleeae</i> based on molecular and morphological data. <i>South African Journal of Botany</i> , 2013, 89, 150-155.	1.2	13
47	Towards a new classification of the giant paraphyletic genus <i>Cyperus</i> (Cyperaceae): phylogenetic relationships and generic delimitation in <i>Cyperus</i> . <i>Botanical Journal of the Linnean Society</i> , 2013, 172, 106-126.	0.8	88
48	Radiation and repeated transoceanic dispersal of <i>Schoeneae</i> (Cyperaceae) through the southern hemisphere. <i>American Journal of Botany</i> , 2013, 100, 2494-2508.	0.8	36
49	Gynoecial anatomy and development in <i>Cyperoideae</i> (Cyperaceae, Poales): congenital fusion of carpels facilitates evolutionary modifications in pistil structure. <i>Plant Ecology and Evolution</i> , 2012, 145, 96-125.	0.3	45
50	Phylogenetic position of the Himalayan genus <i>Erioscleroides</i> (Cyperaceae) inferred from DNA sequence data. <i>Botanical Journal of the Linnean Society</i> , 2012, 170, 1-11.	0.8	21
51	<i>Dracoscleroides</i> (Cyperaceae) – A new genus from Southern Africa, its taxonomy and floral ontogeny. <i>South African Journal of Botany</i> , 2012, 78, 104-115.	1.2	19
52	Unisexual flowers as a robust synapomorphy in <i>Cariceae</i> (Cyperaceae)? Evidence for bisexual flowers in <i>Schoenoxiphium</i> . <i>South African Journal of Botany</i> , 2012, 78, 150-158.	1.2	10
53	Two new leafless species of <i>Ficinia</i> (Cyperaceae, Cyperaceae) from the Greater Cape Floristic Region of South Africa. <i>South African Journal of Botany</i> , 2012, 79, 96-101.	1.2	8
54	Morphology and development of spikelets and flowers in <i>Cyperus</i> and <i>Pycreus</i> (Cyperaceae). <i>Plant Ecology and Evolution</i> , 2011, 144, 44-63.	0.3	35

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55	The Cyperaceae in Madagascar show increased species richness in upland forest and wetland habitats. <i>Plant Ecology and Evolution</i> , 2011, 144, 357-362.	0.3	5
56	Affinities in C3 <i>Cyperus</i> lineages (Cyperaceae) revealed using molecular phylogenetic data and carbon isotope analysis. <i>Botanical Journal of the Linnean Society</i> , 2011, 167, 19-46.	0.8	65
57	<i>Isolepis namaquana</i> (Cypereae, Cyperaceae), a new endemic species from the winter rainfall area of South Africa. <i>South African Journal of Botany</i> , 2011, 77, 55-58.	1.2	1
58	<i>Aspalathus abbottii</i> (Fabaceae: Crotalariaeae), a new species from KwaZulu-Natal, South Africa. <i>South African Journal of Botany</i> , 2011, 77, 675-679.	1.2	4
59	Taxonomic changes in C3 <i>Cyperus</i> (Cyperaceae) supported by molecular data, morphology, embryography, ontogeny and anatomy. <i>Plant Ecology and Evolution</i> , 2011, 144, 327-356.	0.3	57
60	Extinction Risk and Diversification Are Linked in a Plant Biodiversity Hotspot. <i>PLoS Biology</i> , 2011, 9, e1000620.	2.6	112
61	<i>Coleochloa domensis</i> (Cyperaceae), a new epiphytic species from Cameroon. <i>Kew Bulletin</i> , 2010, 65, 323-325.	0.4	8
62	A critically endangered new species of yam (<i>Dioscorea strydomiana</i> Wilkin, Dioscoreaceae) from Mpumalanga, South Africa. <i>Kew Bulletin</i> , 2010, 65, 421-433.	0.4	5
63	Monophyly, phylogenetic position and the role of hybridization in <i>Schoenoxiphium</i> Nees (Cariceae). <i>Tj ETQq1 1 0.784314 rgBT/Overl</i>	1.2	35
64	Spikelet structure and development in Cyperoideae (Cyperaceae): a monopodial general model based on ontogenetic evidence. <i>Annals of Botany</i> , 2010, 105, 555-571.	1.4	44
65	<i>Ficinia spiralis</i> (Cyperaceae) a new genus and combination for <i>Desmoschoenus spiralis</i> . <i>New Zealand Journal of Botany</i> , 2010, 48, 31-39.	0.8	19
66	Phylogenomics of C4 Photosynthesis in Sedges (Cyperaceae): Multiple Appearances and Genetic Convergence. <i>Molecular Biology and Evolution</i> , 2009, 26, 1909-1919.	3.5	136
67	A New Species of Yam from Kenya, <i>Dioscorea kituiensis</i> Pollen Morphology, Conservation Status, and Speciation. <i>Systematic Botany</i> , 2009, 34, 652-659.	0.2	12
68	Palynological diversity and major evolutionary trends in Cyperaceae. <i>Plant Systematics and Evolution</i> , 2009, 277, 117-142.	0.3	22
69	<i>Fuirena bidgoodae</i> , a new species of Cyperaceae from East Africa. <i>Kew Bulletin</i> , 2009, 64, 685-687.	0.4	0
70	What is a Genus in Cyperaceae: Phylogeny, Character Homology Assessment and Generic Circumscription in Cyperaceae. <i>Botanical Review, The</i> , 2009, 75, 52-66.	1.7	55
71	Phylogeny of Cyperaceae Based on DNA Sequence Data: Current Progress and Future Prospects. <i>Botanical Review, The</i> , 2009, 75, 2-21.	1.7	169
72	A Floral Ontogenetic Approach to Questions of Homology within the Cyperoideae (Cyperaceae). <i>Botanical Review, The</i> , 2009, 75, 30-51.	1.7	40

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73	Origin and diversification of the Greater Cape flora: Ancient species repository, hot-bed of recent radiation, or both?. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 44-53.	1.2	198
74	The Predominantly South American Clade of Lobeliaceae. <i>Systematic Botany</i> , 2008, 33, 462-468.	0.2	36
75	Evolutionary Switch and Genetic Convergence on <i>rbcl</i> following the Evolution of C4 Photosynthesis. <i>Molecular Biology and Evolution</i> , 2008, 25, 2361-2368.	3.5	117
76	Phylogenetic position and relationships of <i>Lobelia glaberrima</i> (Lobeliaceae), a new alpine species from southern South Island (New Zealand). <i>New Zealand Journal of Botany</i> , 2008, 46, 77-85.	0.8	9
77	The Floral Scales in <i>Hellmuthia</i> (Cyperaceae, Cyperoideae) and <i>Paramapania</i> (Cyperaceae, Mapanioideae): An Ontogenetic Study. <i>Annals of Botany</i> , 2006, 98, 619-630.	1.4	32
78	<i>Khaosokia caricoides</i> , a new genus and species of Cyperaceae from Thailand. <i>Botanical Journal of the Linnean Society</i> , 2005, 149, 357-364.	0.8	14
79	<i>Ficinia anysbergensis</i> and <i>F. esterhuyseniae</i> (Cyperaceae), two new species from the Cape Floristic Region of South Africa. <i>South African Journal of Botany</i> , 2005, 71, 197-200.	1.2	2
80	Floral Ontogeny in <i>Ficinia</i> and <i>Isolepis</i> (Cyperaceae), with Focus on the Nature and Origin of the Gynophore. <i>Annals of Botany</i> , 2005, 96, 1247-1264.	1.4	37
81	Sedimentation and recent history of a freshwater wetland in a semi-arid environment: Loboï Swamp, Kenya, East Africa. <i>Sedimentology</i> , 2004, 51, 1301-1321.	1.6	88
82	The nature of the perianth in <i>Fuirena</i> (Cyperaceae). <i>South African Journal of Botany</i> , 2004, 70, 587-594.	1.2	20
83	<i>Zameioscirpus</i> , a new genus of Cyperaceae from South America. <i>Plant Systematics and Evolution</i> , 2003, 243, 73-84.	0.3	21
84	Plant collecting spread and densities: their potential impact on biogeographical studies in Thailand. <i>Journal of Biogeography</i> , 2003, 30, 193-209.	1.4	55
85	Phylogenetic relationships in <i>Cyperus</i> L. s.l. (Cyperaceae) inferred from plastid DNA sequence data. <i>Botanical Journal of the Linnean Society</i> , 2002, 138, 145-153.	0.8	79
86	Taxonomic studies in the <i>Fuirena pubescens</i> complex (Cyperaceae) in Kenya. <i>Nordic Journal of Botany</i> , 1995, 15, 407-410.	0.2	1
87	<i>Thesium muasyae</i> (Santalaceae), a new species from the limestone fynbos of the Overberg, South Africa. <i>PhytoKeys</i> , 0, 201, 1-14.	0.4	3