Maria S Vorontsova

List of Publications by Year
in descending order

82 papers	2,719 citations	257101 24 h-index	214527 47 g-index
87 all docs	87 docs citations	87 times ranked	3647 citing authors

#	Article	IF	Citations
1	Complex polyploid and hybrid species in an apomictic and sexual tropical forage grass group: genomic composition and evolution in Urochloa (Brachiaria) species. Annals of Botany, 2023, 131, 87-108.	1.4	15
2	New insights into intergeneric relationships of Hickeliinae (Poaceae: Bambusoideae) revealed by complete plastid genomes. Plant Diversity, 2023, 45, 125-132.	1.8	1
3	Heteropogonâ€Themeda grasses evolve to occupy either tropical grassland or wetland biomes. Journal of Systematics and Evolution, 2022, 60, 653-674.	1.6	1
4	Inequality in plant diversity knowledge and unrecorded plant extinctions: An example from the grasses of Madagascar. Plants People Planet, 2021, 3, 45-60.	1.6	13
5	Landâ€use intensification increases richness of native and exotic herbaceous plants, but not endemics, in Malagasy vanilla landscapes. Diversity and Distributions, 2021, 27, 784-798.	1.9	14
6	Shade alters the growth and architecture of tropical grasses by reducing root biomass. Biotropica, 2021, 53, 1052-1062.	0.8	6
7	Complex evolutionary history of two ecologically significant grass genera,ThemedaandHeteropogon(Poaceae: Panicoideae: Andropogoneae). Botanical Journal of the Linnean Society, 2021, 196, 437-455.	0.8	10
8	Cenchrus pseudotriticoides (Poaceae: Panicoideae), a resilient pyrophyte grass from Central Madagascar. Kew Bulletin, 2021, 76, 71-75.	0.4	0
9	Beyond ancient versus anthropogenic for Madagascar's grassy ecosystems. A Reply to: Crowley et al . (2021). Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210388.	1.2	7
10	Checklist of Kilimanjaro grasses shows that both plot and herbarium methods are necessary to record diversity . Phytotaxa, 2021, 501, 201-244.	0.1	0
11	Botanical Monography in the Anthropocene. Trends in Plant Science, 2021, 26, 433-441.	4.3	23
12	AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254.	2.4	73
13	Geographical structure of genetic diversity inLoudetia simplex(Poaceae) in Madagascar and South Africa. Botanical Journal of the Linnean Society, 2021, 196, 81-99.	0.8	16
14	Plant height and lifespan predict range size in southern African grasses. Journal of Biogeography, 2021, 48, 3047-3059.	1.4	10
15	The genus Tristachya (Poaceae: Panicoideae) in Madagascar. Kew Bulletin, 2021, 76, 751-760.	0.4	1
16	Continued Adaptation of C4 Photosynthesis After an Initial Burst of Changes in the Andropogoneae Grasses. Systematic Biology, 2020, 69, 445-461.	2.7	27
17	Late Miocene origin and recent population collapse of the Malagasy savanna olive tree (Noronhia) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	19
18	The endemic â€˜sugar canesâ€™ of Madagascar (Poaceae, Saccharinae: Lasiorhachis) are close relatives of sorghum. Botanical Journal of the Linnean Society, 2020, 192, 148-164.	0.8	13

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19	Research presented at the MonocotsVI/GrassesVII meeting: knowledge of Poaceae taken to a new level, largely by Brazilian scientists and by women. Botanical Journal of the Linnean Society, 2020, 192, 1-6.	0.8	3
20	Historical legacies and ecological determinants of grass naturalizations worldwide. Ecography, 2020, 43, 1373-1385.	2.1	15
21	Fire and grazing determined grasslands of central Madagascar represent ancient assemblages. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200598.	1.2	48
22	Reply to: Regional records improve data quality in determining plant extinction rates. Nature Ecology and Evolution, 2020, 4, 515-516.	3.4	5
23	Late Miocene origin and recent population collapse of the Malagasy savanna olive tree (Noronhia) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	1
24	ddRAD analyses reveal a credible phylogenetic relationship of the four main genera of Bambusa-Dendrocalamus-Gigantochloa complex (Poaceae: Bambusoideae). Molecular Phylogenetics and Evolution, 2020, 146, 106758.	1.2	19
25	Contrasted histories of organelle and nuclear genomes underlying physiological diversification in a grass species. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201960.	1.2	18
26	Indigenous Species Names in Algae, Fungi and Plants: A Comment on Gillman & Wright (2020). Taxon, 2020, 69, 1409-1410.	0.4	11
27	<p><strong>A new combination in the genus Tripidium (Poaceae:) Tj ETQq1 1 0.784314 rgBT /Overl	0.1	2
28	Tall-statured grasses: a useful functional group for invasion science. Biological Invasions, 2019, 21, 37-58.	1.2	36
29	Global dataset shows geography and life form predict modern plant extinction and rediscovery. Nature Ecology and Evolution, 2019, 3, 1043-1047.	3.4	247
30	Plastome phylogenomics of sugarcane and relatives confirms the segregation of the genus Tripidium (Poaceae: Andropogoneae). Taxon, 2019, 68, 246-267.	0.4	26
31	C₄ anatomy can evolve via a single developmental change. Ecology Letters, 2019, 22, 302-312.	3.0	40
32	Dichotomous keys to the species of Solanum L. (Solanaceae) in continental Africa, Madagascar (incl.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	7
33	Grass diversification in Madagascar: In situ radiation of two large C₃ shade clades and support for a Miocene to Pliocene origin of C₄ grassy biomes. Journal of Biogeography, 2018, 45, 750-761.	1.4	72
34	Revision of the group previously known as Panicum L. (Poaceae: Panicoideae) in Madagascar. Candollea, 2018, 73, 143.	0.1	4
35	Grass Functional Traits Differentiate Forest and Savanna in the Madagascar Central Highlands. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	45
36	Herbarium genomics retraces the origins of C4-specific carbonic anhydrase in Andropogoneae (Poaceae). Botany Letters, 2018, 165, 419-433.	0.7	11

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37	Taxonomy based on science is necessary for global conservation. PLoS Biology, 2018, 16, e2005075.	2.6	149
38	A 250 plastome phylogeny of the grass family (Poaceae): topological support under different data partitions. PeerJ, 2018, 6, e4299.	0.9	138
39	Contrasting dispersal histories of broadâ€•and fineâ€•leaved temperate Loliinae grasses: range expansion, founder events, and the roles of distance and barriers. Journal of Biogeography, 2017, 44, 1980-1993.	1.4	32
40	Does infraspecific taxonomy match species evolutionary history? A phylogeographic study of Arundo formosana (Poaceae). Botanical Journal of the Linnean Society, 2017, 183, 236-249.	0.8	15
41	Museomics resolve the systematics of an endangered grass lineage endemic to north-western Madagascar. Annals of Botany, 2017, 119, 339-351.	1.4	34
42	In search of the phylogenetic affinity of the temperate woody bamboos from Madagascar, with description of a new species (Bambusoideae, Poaceae). Journal of Systematics and Evolution, 2017, 55, 453-465.	1.6	10
43	Digitaria bosseri (Poaceae: Panicoideae), a new grass from Madagascar. Kew Bulletin, 2017, 72, 1.	0.4	0
44	Late Quaternary climate stability and the origins and future of global grass endemism. Annals of Botany, 2017, 119, 279-288.	1.4	21
45	The recent and rapid spread of Themeda triandra. Botany Letters, 2017, 164, 327-337.	0.7	22
46	Grass survey of the Itremo Massif records endemic central highland grasses. Madagascar Conservation and Development, 2017, 12, .	0.1	12
47	Negative correlation between rates of molecular evolution and flowering cycles in temperate woody bamboos revealed by plastid phylogenomics. BMC Plant Biology, 2017, 17, 260.	1.6	27
48	A revision of the â€œAfrican Non-Spinyâ€•Clade of Solanum L. (Solanum sections Afrosolanum Bitter,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	22
49	Multidimensional structure of grass functional traits among species and assemblages. Journal of Vegetation Science, 2016, 27, 1047-1060.	1.1	25
50	The global distribution of bamboos: assessing correlates of introduction and invasion. AoB PLANTS, 2016, , plw078.	1.2	69
51	Genome biogeography reveals the intraspecific spread of adaptive mutations for a complex trait. Molecular Ecology, 2016, 25, 6107-6123.	2.0	51
52	Madagascar's grasses and grasslands: anthropogenic or natural?. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152262.	1.2	83
53	Grassroots e-floras in the Poaceae: growing GrassBase and GrassWorld. PhytoKeys, 2015, 48, 73-84.	0.4	9
54	Pollen of Malagasy grasses as a potential tool for interpreting grassland palaeohistory. Grana, 2015, 54, 247-262.	0.4	7

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55	Plant identification is key to conservation. Nature, 2015, 521, 161-161.	13.7	16
56	Fewer than three percent of land plant species named by women: Author gender over 260 years. Taxon, 2015, 64, 209-215.	0.4	19
57	Photosynthetic innovation broadens the niche within a single species. Ecology Letters, 2015, 18, 1021-1029.	3.0	75
58	The Genus <I>Sartidia</I> (Poaceae: Aristidoideae) in Madagascar. Systematic Botany, 2015, 40, 448-453.	0.2	6
59	From museums to genomics: old herbarium specimens shed light on a C3 to C4 transition. Journal of Experimental Botany, 2014, 65, 6711-6721.	2.4	109
60	Three New Grass Records for Madagascar. Candollea, 2014, 69, 85.	0.1	3
61	A global database of <scp>C</scp>₄ photosynthesis in grasses. New Phytologist, 2014, 204, 441-446.	3.5	123
62	Two new species of Panicum sensu lato (Poaceae: Panicoideae) from Madagascar. Kew Bulletin, 2014, 69, 1.	0.4	5
63	Anatomical enablers and the evolution of C ₄ photosynthesis in grasses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1381-1386.	3.3	239
64	Revision of Andropogon and Diectomis (Poaceae: Sacchareae) in Madagascar and the new Andropogon itremoensis from the Itremo Massif. Kew Bulletin, 2013, 68, 193-207.	0.4	13
65	African spinySolanum(subgenusLeptostemonum, Solanaceae): a thorny phylogenetic tangle. Botanical Journal of the Linnean Society, 2013, 173, 176-193.	0.8	96
66	Phylogenomics and taxonomy of Lecomtelleae (Poaceae), an isolated panicoid lineage from Madagascar. Annals of Botany, 2013, 112, 1057-1066.	1.4	51
67	From introduced American weed to Cape Verde Islands endemic: the case of Solanum rigidum Lam. (Solanaceae, Solanum subgenus Leptostemonum). PhytoKeys, 2013, 25, 35-46.	0.4	7
68	Variable morphology of the Madagascar endemic <i>Aristida tenuissima</i> (Poaceae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Phytotaxa, 2013, 92, 55.	0.1	3
69	Wild Relatives of the Eggplant (Solanum melongena L.: Solanaceae): New Understanding of Species Names in a Complex Group. PLoS ONE, 2013, 8, e57039.	1.1	134
70	A new species of Solanum (Solanaceae) from South Africa related to the cultivated eggplant. PhytoKeys, 2012, 8, 1.	0.4	17
71	Updating classifications to reflect monophyly: 10 to 20 percent of species names change in Poaceae. Taxon, 2012, 61, 735-746.	0.4	11
72	Phylogenetically Distinct and Critically Endangered New Tree Species of Phyllanthus from Cameroon (Phyllanthaceae, Euphorbiaceae s. l.). Systematic Botany, 2011, 36, 933-938.	0.2	1

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73	Three New Species of <I>Solanum</I> from Kenya: Using Herbarium Specimens to Document Environmental Change. Systematic Botany, 2010, 35, 894-906.	0.2	6
74	Lost Berlin (B) types of Solanum (Solanaceae) found in GÃ¶ttingen (GOET). Taxon, 2010, 59, 1585-1601.	0.4	11
75	NewSolanumSpecies from Tanzanian Coastal Forests May Already be Extinct. Journal of the East Africa Natural History Society and National Museum, 2010, 99, 227-234.	1.0	3
76	Revision of the genus Leptopus (Phyllanthaceae, Euphorbiaceae sensu lato). Kew Bulletin, 2009, 64, 627-644.	0.4	9
77	A phylogenetic classification of tribe Poranthereae (Phyllanthaceae, Euphorbiaceae sensu lato). Kew Bulletin, 2008, 63, 41-59.	0.4	11
78	Molecular phylogenetics of tribe Poranthereae (Phyllanthaceae; Euphorbiaceae sensu lato). American Journal of Botany, 2007, 94, 2026-2040.	0.8	17
79	Effect of 5-azacytidine and trichostatin A on somatic centromere association in wheat. Genome, 2004, 47, 399-403.	0.9	8
80	Native or Exotic? Double or Single? Evaluating Plants for Pollinator-friendly Gardens. Annals of Botany, 2001, 87, 219-232.	1.4	121
81	Andrachne cuneifolia (Phyllanthaceae; Euphorbiaceae s.l.) is a Phyllanthus. Botanical Journal of the Linnean Society, 0, 155, 519-525.	0.8	4
82	Phylogeny, classification, and biogeography of Afrotrichloris, Apochiton, Coelachyrum, Dinebra, Eleusine, Leptochloa, Schoenefeldia , and a new genus, Schoenefeldiella (Poaceae: Chloridoideae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		