G Anthony Verboom

List of Publications by Year
in descending order

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51 papers	2,652 citations	236833 25 h-index	214721 47 g-index
51 all docs	51 docs citations	51 times ranked	3344 citing authors

#	Article	IF	Citations
1	The importance of nutritional regulation of plant water flux. Oecologia, 2009, 161, 15-24.	0.9	268
2	Phylogenetic Relatedness Limits Coâ€occurrence at Fine Spatial Scales: Evidence from the Schoenoid Sedges (Cyperaceae: Schoeneae) of the Cape Floristic Region, South Africa. American Naturalist, 2006, 168, 14-27.	1.0	219
3	Origin and diversification of the Greater Cape flora: Ancient species repository, hot-bed of recent radiation, or both?. Molecular Phylogenetics and Evolution, 2009, 51, 44-53.	1.2	198
4	Biogeography of the grasses (Poaceae): a phylogenetic approach to reveal evolutionary history in geographical space and geological time. Botanical Journal of the Linnean Society, 0, 162, 543-557.	0.8	195
5	Phylogeny of Cyperaceae Based on DNA Sequence Data: Current Progress and Future Prospects. Botanical Review, The, 2009, 75, 2-21.	1.7	169
6	Ecophysiological significance of leaf size variation in Proteaceae from the Cape Floristic Region. Functional Ecology, 2010, 24, 485-492.	1.7	138
7	PHYLOGENETICS OF THE GRASS GENUS EHRHARTA: EVIDENCE FOR RADIATION IN THE SUMMER-ARID ZONE OF THE SOUTH AFRICAN CAPE. Evolution; International Journal of Organic Evolution, 2003, 57, 1008-1021.	1.1	103
8	The origins and diversification of C₄ grasses and savannaâ€adapted ungulates. Global Change Biology, 2009, 15, 2397-2417.	4.2	103
9	Nutrient availability moderates transpiration in Ehrharta calycina. New Phytologist, 2008, 179, 1048-1057.	3.5	102
10	Nitrogen regulation of transpiration controls mass-flow acquisition of nutrients. Journal of Experimental Botany, 2014, 65, 159-168.	2.4	94
11	Testing the adaptive nature of radiation: growth form and life history divergence in the African grass genusEhrharta(Poaceae: Ehrhartoideae). American Journal of Botany, 2004, 91, 1364-1370.	0.8	82
12	Phylogenetic ecology of foliar N and P concentrations and N:P ratios across mediterraneanâ€type ecosystems. Global Ecology and Biogeography, 2012, 21, 1147-1156.	2.7	75
13	A novel supermatrix approach improves resolution of phylogenetic relationships in a comprehensive sample of danthonioid grasses. Molecular Phylogenetics and Evolution, 2008, 48, 1106-1119.	1.2	64
14	A Generic Classification of the Danthonioideae (Poaceae)¹. Annals of the Missouri Botanical Garden, 2010, 97, 306-364.	1.3	53
15	Does phosphate acquisition constrain legume persistence in the fynbos of the Cape Floristic Region?. Plant and Soil, 2010, 334, 33-46.	1.8	51
16	Topography as a driver of diversification in the <scp>C</scp>ape <scp>F</scp>loristic <scp>R</scp>egion of <scp>S</scp>outh <scp>A</scp>frica. New Phytologist, 2015, 207, 368-376.	3.5	48
17	Dated Plant Phylogenies Resolve Neogene Climate and Landscape Evolution in the Cape Floristic Region. PLoS ONE, 2015, 10, e0137847.	1.1	39
18	Diversification of C₄ grasses (Poaceae) does not coincide with their ecological dominance. American Journal of Botany, 2014, 101, 300-307.	0.8	37

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19	Radiation and repeated transoceanic dispersal of Schoeneae (Cyperaceae) through the southern hemisphere. American Journal of Botany, 2013, 100, 2494-2508.	0.8	36
20	The Evolution of Regional Species Richness: The History of the Southern African Flora. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 393-412.	3.8	36
21	Vegetation types of the Greater Cape Floristic Region. , 2014, , 1-25.		36
22	Topography as a driver of cryptic speciation in the high-elevation cape sedge Tetraria triangularis (Boeck.) C. B. Clarke (Cyperaceae: Schoeneae). Molecular Phylogenetics and Evolution, 2014, 77, 96-109.	1.2	31
23	A phylogeny of the schoenoid sedges (Cyperaceae: Schoeneae) based on plastid DNA sequences, with special reference to the genera found in Africa. Molecular Phylogenetics and Evolution, 2006, 38, 79-89.	1.2	30
24	Phylogenetics and biogeography of the parasitic genusThesiumL. (Santalaceae), with an emphasis on the Cape of South Africa. Botanical Journal of the Linnean Society, 2010, 162, 435-452.	0.8	29
25	Measures of biologically relevant environmental heterogeneity improve prediction of regional plant species richness. Journal of Biogeography, 2017, 44, 579-591.	1.4	29
26	Specialization to Extremely Low-Nutrient Soils Limits the Nutritional Adaptability of Plant Lineages. American Naturalist, 2017, 189, 684-699.	1.0	29
27	Cenozoic assembly of the Greater Cape flora. , 2014, , 93-118.		27
28	The evolutionary history of Melianthus (Melianthaceae). American Journal of Botany, 2006, 93, 1052-1064.	0.8	26
29	Do hydraulic redistribution and nocturnal transpiration facilitate nutrient acquisition in Aspalathus linearis?. Oecologia, 2014, 175, 1129-1142.	0.9	26
30	Erosive processes after tectonic uplift stimulate vicariant and adaptive speciation: evolution in an Afrotemperate-endemic paper daisy genus. BMC Evolutionary Biology, 2014, 14, 27.	3.2	25
31	Plant size: a key determinant of diversification?. New Phytologist, 2017, 216, 24-31.	3.5	25
32	Does a tradeoff between trait plasticity and resource conservatism contribute to the maintenance of alternative stable states?. New Phytologist, 2019, 223, 1809-1819.	3.5	22
33	Speciation and extinction in the Greater Cape Floristic Region. , 2014, , 119-141.		22
34	Legume seeders of the Cape Floristic Region inhabit more fertile soils than congeneric resproutersâ€"sometimes. Plant Ecology, 2011, 212, 1979-1989.	0.7	20
35	Consistent phenological shifts in the making of a biodiversity hotspot: the Cape flora. BMC Evolutionary Biology, 2011, 11, 39.	3.2	17
36	Extreme hydroclimate response gradients within the western Cape Floristic region of South Africa since the Last Glacial Maximum. Quaternary Science Reviews, 2019, 219, 297-307.	1.4	17

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37	Environmental correlates of biomeâ€level floristic turnover in South Africa. Journal of Biogeography, 2017, 44, 1745-1757.	1.4	16
38	Ecology limits the diversity of the Cape flora: Phylogenetics and diversification of the genus Tetraria. Molecular Phylogenetics and Evolution, 2014, 72, 61-70.	1.2	15
39	An infrageneric classification of Thesium (Santalaceae) based on molecular phylogenetic data. Taxon, 2020, 69, 100-123.	0.4	13
40	Haustorial Synergids: An Important Character in the Systematics of Danthonioid Grasses (Arundinoideae: Poaceae)?. American Journal of Botany, 1994, 81, 1601.	0.8	13
41	Diversification rate vs. diversification density: Decoupled consequences of plant height for diversification of Alooideae in time and space. PLoS ONE, 2020, 15, e0233597.	1.1	10
42	A reâ€evaluation of species limits in Chaetobromus (Danthonieae: Poaceae). Nordic Journal of Botany, 1998, 18, 57-77.	0.2	9
43	Molecular phylogeny of AfricanRytidospermaâ€“affiliated danthonioid grasses reveals generic polyphyly and convergent evolution in spikelet morphology. Taxon, 2006, 55, 337-348.	0.4	9
44	Species Selection Regime and Phylogenetic Tree Shape. Systematic Biology, 2020, 69, 774-794.	2.7	9
45	Anomalous capitulum structure and monoecy may confer flexibility in sex allocation and life history evolution in the Ifloga lineage of paper daisies (Compositae: Gnaphalieae). American Journal of Botany, 2011, 98, 1113-1127.	0.8	8
46	Evolutionary history of the arid climateâ€adapted Helichrysum (Asteraceae: Gnaphalieae): Cape origin and association between annual lifeâ€history and low chromosome numbers. Journal of Systematics and Evolution, 2019, 57, 468-487.	1.6	7
47	The roles of climate and soil nutrients in shaping the life histories of grasses native to the Cape Floristic Region. Plant and Soil, 2012, 355, 323-340.	1.8	6
48	Environmental heterogeneity explains contrasting plant species richness between the South African Cape and southwestern Australia. Journal of Biogeography, 2021, 48, 1875-1888.	1.4	6
49	Speciesâ€level phylogenetic analysis in the Relhania clade of â€œeverlastingsâ€•and a new generic treatment of species previously assigned to Macowania and Arrowsmithia (Asteraceae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T		
50	Niche specificity influences gene flow across fineâ€scale habitat mosaics in Succulent Karoo plants. Molecular Ecology, 2021, 30, 175-192.	2.0	3
51	The role of shade in maintaining alternative stable states between openâ€•and closedâ€canopy vegetation. Journal of Ecology, 2021, 109, 3835-3848.	1.9	3