George Anthony Verboom

List of Publications by Year
in descending order

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60 papers	2,734 citations	236612 25 h-index	205818 48 g-index
60 all docs	60 docs citations	60 times ranked	3386 citing authors

#	Article	IF	Citations
1	Niche specificity influences gene flow across fineâ€scale habitat mosaics in Succulent Karoo plants. Molecular Ecology, 2021, 30, 175-192.	2.0	3
2	Coexistence and bush encroachment in African savannas: The role of the regeneration niche. Functional Ecology, 2021, 35, 764-773.	1.7	2
3	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
4	A new subfamily classification of the Citrus family (Rutaceae) based on six nuclear and plastid markers. Taxon, 2021, 70, 1035-1061.	0.4	35
5	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
6	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
7	An infrageneric classification of Thesium (Santalaceae) based on molecular phylogenetic data. Taxon, 2020, 69, 100-123.	0.4	13
8	New regionally modelled soil layers improve prediction of vegetation type relative to that based on global soil models. Diversity and Distributions, 2019, 25, 1736-1750.	1.9	14
9	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
10	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
11	Classification of the Relhania generic group (Asteraceae, Gnaphalieae) revisited using molecular phylogenetic analysis. Phytotaxa, 2018, 344, 101.	0.1	3
12	Environmental correlates of biomeâ€level floristic turnover in South Africa. Journal of Biogeography, 2017, 44, 1745-1757.	1.4	16
13	Measures of biologically relevant environmental heterogeneity improve prediction of regional plant species richness. Journal of Biogeography, 2017, 44, 579-591.	1.4	29
14	Specialization to Extremely Low-Nutrient Soils Limits the Nutritional Adaptability of Plant Lineages. American Naturalist, 2017, 189, 684-699.	1.0	29
15	Plant size: a key determinant of diversification?. New Phytologist, 2017, 216, 24-31.	3.5	25
16	(2555) Proposal to conserve the name Tetraria (Cyperaceae) with a conserved type. Taxon, 2017, 66, 1226-1227.	0.4	5
17	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		
18	Maintenance of species integrity in the context of a recent radiation: the case ofJamesbrittenia(Scrophulariaceae: Limoselleae) in southern Africa. Botanical Journal of the Linnean Society, 2016, 182, 115-139.	0.8	3

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19	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
20	Dated Plant Phylogenies Resolve Neogene Climate and Landscape Evolution in the Cape Floristic Region. PLoS ONE, 2015, 10, e0137847.	1.1	39
21	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
22	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
23	Nitrogen regulation of transpiration controls mass-flow acquisition of nutrients. Journal of Experimental Botany, 2014, 65, 159-168.	2.4	94
24	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
25	Do hydraulic redistribution and nocturnal transpiration facilitate nutrient acquisition in Aspalathus linearis?. Oecologia, 2014, 175, 1129-1142.	0.9	26
26	Diversification of C₄ grasses (Poaceae) does not coincide with their ecological dominance. American Journal of Botany, 2014, 101, 300-307.	0.8	37
27	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
28	Vegetation types of the Greater Cape Floristic Region. , 2014, , 1-25.		36
29	Cenozoic assembly of the Greater Cape flora. , 2014, , 93-118.		27
30	Speciation and extinction in the Greater Cape Floristic Region. , 2014, , 119-141.		22
31	Radiation and repeated transoceanic dispersal of Schoeneae (Cyperaceae) through the southern hemisphere. American Journal of Botany, 2013, 100, 2494-2508.	0.8	36
32	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
33	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
34	Phylogeny of the "Ifloga clade" (Asteraceae, Gnaphalieae), a lineage occurring disjointly in the Northern and Southern Hemisphere, and inclusion of Trichogyne in synonymy with Ifloga. Taxon, 2011, 60, 1065-1075.	0.4	11
35	Legume seeders of the Cape Floristic Region inhabit more fertile soils than congeneric resproutersâ€”sometimes. Plant Ecology, 2011, 212, 1979-1989.	0.7	20
36	Consistent phenological shifts in the making of a biodiversity hotspot: the Cape flora. BMC Evolutionary Biology, 2011, 11, 39.	3.2	17

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37	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
38	Does phosphate acquisition constrain legume persistence in the fynbos of the Cape Floristic Region?. Plant and Soil, 2010, 334, 33-46.	1.8	51
39	Ecophysiological significance of leaf size variation in Proteaceae from the Cape Floristic Region. Functional Ecology, 2010, 24, 485-492.	1.7	138
40	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
41	A window onto the spectacular flora of South Africa. South African Journal of Science, 2010, 106, .	0.3	1
42	A Generic Classification of the Danthonioideae (Poaceae)¹. Annals of the Missouri Botanical Garden, 2010, 97, 306-364.	1.3	53
43	The importance of nutritional regulation of plant water flux. Oecologia, 2009, 161, 15-24.	0.9	268
44	Phylogeny of Cyperaceae Based on DNA Sequence Data: Current Progress and Future Prospects. Botanical Review, The, 2009, 75, 2-21.	1.7	169
45	The origins and diversification of C₄ grasses and savannaâ€adapted ungulates. Global Change Biology, 2009, 15, 2397-2417.	4.2	103
46	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
47	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
48	Nutrient availability moderates transpiration in Ehrharta calycina. New Phytologist, 2008, 179, 1048-1057.	3.5	102
49	Determinants of savanna vegetation structure: Insights from Colophospermum mopane. Austral Ecology, 2007, 32, 429-435.	0.7	19
50	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
51	Molecular phylogeny of AfricanRytidospermaâ€“affiliated danthonioid grasses reveals generic polyphyly and convergent evolution in spikelet morphology. Taxon, 2006, 55, 337-348.	0.4	9
52	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
53	The evolutionary history of Melianthus (Melianthaceae). American Journal of Botany, 2006, 93, 1052-1064.	0.8	26
54	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

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55	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
56	A reâ€evaluation of species limits in Chaetobromus (Danthonieae: Poaceae). Nordic Journal of Botany, 1998, 18, 57-77.	0.2	9
57	H<scp>austorial synergids: an important character in the systematics of danthonioid grasses</scp> (A<scp>rundinoideae</scp>: P<scp>oaceae</scp>)?. American Journal of Botany, 1994, 81, 1601-1610.	0.8	14
58	Haustorial synergids: an important character in the systematics of danthonioid grasses (Arundinoideae: Poaceae)?. , 1994, 81, 1601.		13
59	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
60	A new sectional classification of Lachenalia (Asparagaceae) based on a multilocus <scp>DNA</scp> phylogeny. Taxon, 0, , .	0.4	1