Leanne Dreyer

List of Publications by Year
in descending order

75 papers	1,658 citations	304743 22 h-index	330143 37 g-index
76 all docs	76 docs citations	76 times ranked	1925 citing authors

#	Article	IF	Citations
1	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.	2.7	198
2	Fungal Planet description sheets: 107â€“127. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2012, 28, 138-182.	4.4	163
3	Phylogenetic marker development for target enrichment from transcriptome and genome skim data: the pipeline and its application in southern African <i>Oxalis</i> (Oxalidaceae). Molecular Ecology Resources, 2016, 16, 1124-1135.	4.8	101
4	Do pollinators influence the assembly of flower colours within plant communities?. Oecologia, 2011, 166, 543-553.	2.0	75
5	High ploidy diversity and distinct patterns of cytotype distribution in a widespread species of Oxalis in the Greater Cape Floristic Region. Annals of Botany, 2013, 111, 641-649.	2.9	51
6	Multiple Developmental Pathways Leading to a Single Morph: Monosulcate Pollen (Examples From the) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.9	46
7	<i>Ophiostoma gemellus</i>and<i>Sporothrix variecibatus</i>from mites infesting<i>Protea</i>infructescences in South Africa. Mycologia, 2008, 100, 496-510.	1.9	44
8	Phylogenetic relationships, character evolution and biogeography of southern African members of Zygophyllum (Zygophyllaceae) based on three plastid regions. Molecular Phylogenetics and Evolution, 2008, 47, 932-949.	2.7	41
9	Low-phosphorus conditions affect the nitrogen nutrition and associated carbon costs of two legume tree species from a Mediterranean-type ecosystem. Australian Journal of Botany, 2014, 62, 1.	0.6	41
10	Postâ€meiotic cytokinesis and pollen aperture pattern ontogeny: comparison of development in four species differing in aperture pattern. American Journal of Botany, 2005, 92, 576-583.	1.7	35
11	Mite-Mediated Hyperphoretic Dispersal of <I>Ophiostoma</I> spp. from the Infructescences of South African <I>Protea</I> spp.. Environmental Entomology, 2009, 38, 143-152.	1.4	35
12	A model of bulb evolution in the eudicot genus Oxalis (Oxalidaceae). Molecular Phylogenetics and Evolution, 2009, 51, 54-63.	2.7	34
13	Fungal radiation in the Cape Floristic Region: An analysis based on Gondwanamyces and Ophiostoma. Molecular Phylogenetics and Evolution, 2009, 51, 111-119.	2.7	32
14	Two new <I>Ophiostoma</I> species from <I>Protea</I> <I>caffra</I> in Zambia. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2010, 24, 18-28.	4.4	31
15	The influence of tetrad shape and intersporal callose wall formation on pollen aperture pattern ontogeny in two eudicot species. Annals of Botany, 2010, 106, 557-564.	2.9	30
16	New species of Ophiostomatales from Scolytinae and Platypodinae beetles in the Cape Floristic Region, including the discovery of the sexual state of Raffaelea. Antonie Van Leeuwenhoek, 2015, 108, 933-950.	1.7	30
17	Mites are the most common vectors of the fungus Gondwanamyces proteae in Protea infructescences. Fungal Biology, 2011, 115, 343-350.	2.5	29
18	Molecular phylogenetics and origins of southern African <i>Oxalis</i>. Taxon, 2011, 60, 1667-1677.	0.7	29

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19	Seasonal trends in colonisation of Protea infructescences by Gondwanamyces and Ophiostoma spp.. South African Journal of Botany, 2005, 71, 307-311.	2.5	28
20	Flowering phenology of South African Oxalisâ€"possible indicator of climate change?. South African Journal of Botany, 2006, 72, 150-156.	2.5	28
21	Speciesâ€rich and polyploidâ€poor: Insights into the evolutionary role of wholeâ€genome duplication from the Cape flora biodiversity hotspot. American Journal of Botany, 2016, 103, 1336-1347.	1.7	28
22	Discovery of Fungus-Mite Mutualism in a Unique Niche. Environmental Entomology, 2007, 36, 1226-1237.	1.4	27
23	Systematic relationships in southern African <i>Oxalis</i> L. (Oxalidaceae): congruence between palynological and plastid <i>trnL</i>Â<i>F</i> evidence. Taxon, 2004, 53, 977-985.	0.7	23
24	Subdivision ofPelargonium sect.Cortusina (Geraniaceae). Plant Systematics and Evolution, 1992, 183, 83-97.	0.9	22
25	Anther-smut fungal infection of South African Oxalis species: Spatial distribution patterns and impacts on host fecundity. South African Journal of Botany, 2009, 75, 807-815.	2.5	22
26	Invasive plant species may serve as a biological corridor for the invertebrate fauna of naturally isolated hosts. Journal of Insect Conservation, 2015, 19, 863-875.	1.4	20
27	Section Reniformia, a new section in the genus Pelargonium (Geraniaceae). South African Journal of Botany, 2000, 66, 44-51.	2.5	18
28	Consistent phenological shifts in the making of a biodiversity hotspot: the Cape flora. BMC Evolutionary Biology, 2011, 11, 39.	3.2	17
29	Panmixia defines the genetic diversity of a unique arthropodâ€dispersed fungus specific to <i>Protea</i> flowers. Ecology and Evolution, 2014, 4, 3444-3455.	1.9	17
30	Long-distance dispersal and recolonization of a fire-destroyed niche by a mite-associated fungus. Fungal Biology, 2015, 119, 245-256.	2.5	17
31	Biotic and abiotic constraints that facilitate host exclusivity of Gondwanamyces and Ophiostoma on Protea. Fungal Biology, 2012, 116, 49-61.	2.5	16
32	<i>Thecaphora capensis</i> sp. nov., an unusual new anther smut on <i>Oxalis</i> in South Africa. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2008, 21, 147-152.	4.4	15
33	Bark and ambrosia beetles (Curculionidae: Scolytinae), their phoretic mites (Acari) and associated Geosmithia species (Ascomycota: Hypocreales) from Virgilia trees in South Africa. Fungal Biology, 2014, 118, 472-483.	2.5	15
34	Reproductive biology and ecology of selected rare and endangered Oxalis L. (Oxalidaceae) plant species. Biological Conservation, 2008, 141, 1475-1483.	4.1	14
35	Cytogeography of Oxalis pes-caprae in its native range: where are the pentaploids?. Biological Invasions, 2013, 15, 1189-1194.	2.4	14
36	The role of phosphorus deficiency in nodule microbial composition, and carbon and nitrogen nutrition of a native legume tree in the Cape fynbos ecosystem. Australian Journal of Botany, 2015, 63, 379.	0.6	14

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37	Genetic basis for high population diversity in Protea-associated Knoxdaviesia. Fungal Genetics and Biology, 2016, 96, 47-57.	2.1	14
38	A PCR-based method to detect species of Gondwanamyces and Ophiostoma on surfaces of insects colonizing Protea flowers. Canadian Journal of Botany, 2006, 84, 989-994.	1.1	13
39	Development of polymorphic microsatellite markers for the genetic characterisation of Knoxdaviesia proteae (Ascomycota: Microascales) using ISSR-PCR and pyrosequencing. Mycological Progress, 2014, 13, 439-444.	1.4	13
40	An unusual new species of Oxalis (Oxalidaceae) from the Knersvlakte, South Africa. South African Journal of Botany, 2009, 75, 239-245.	2.5	12
41	Understanding the origins and evolution of the worldâ€™s biodiversity hotspots: The biota of the African â€˜Cape Floristic Regionâ€™ as a case study. Molecular Phylogenetics and Evolution, 2009, 51, 1-4.	2.7	12
42	The phylogenetic significance of leaf anatomical traits of southern African Oxalis. BMC Evolutionary Biology, 2016, 16, 225.	3.2	12
43	Oxalis saltusbelli: A new Oxalis (Oxalidaceae) species from the Oorlogskloof Nature Reserve, Nieuwoudtville, South Africa. South African Journal of Botany, 2009, 75, 110-116.	2.5	11
44	Aberrant pollen in southern African<i>Oxalis</i>(Oxalidaceae). Grana, 1998, 37, 337-342.	0.8	10
45	Knoxdaviesia proteae is not the only Knoxdaviesia-symbiont of Protea repens. IMA Fungus, 2015, 6, 471-476.	3.8	10
46	Three-dimensional reciprocity: A new form of tristyly in South African Oxalis (Oxalidaceae) species and its implications for reproduction. South African Journal of Botany, 2012, 78, 195-202.	2.5	9
47	Low genetic diversity and strong geographic structure in introduced populations of the <i>Eucalyptus</i> foliar pathogen <i>Teratosphaeria destructans</i>. Plant Pathology, 2020, 69, 1540-1550.	2.4	9
48	Genetic recombination in <i>Teratosphaeria</i><i>destructans</i> causing a new disease outbreak in Malaysia. Forest Pathology, 2021, 51, e12683.	1.1	9
49	New chromosome number records of South African Oxalis species. South African Journal of Botany, 2000, 66, 130-132.	2.5	8
50	Genetic differentiation in Oxalis (Oxalidaceae): A tale of rarity and abundance in the Cape Floristic Region. South African Journal of Botany, 2009, 75, 27-33.	2.5	8
51	The spatio-ecological segregation of different cytotypes of Oxalis obtusa (Oxalidaceae) in contact zones. South African Journal of Botany, 2013, 88, 62-68.	2.5	8
52	Death of endemic <i>Virgilia oroboides</i> trees in South Africa caused by <i>Diaporthe virgiliae</i> sp. nov.. Plant Pathology, 2015, 64, 1149-1156.	2.4	8
53	Wounds on Rapanea melanophloeos provide habitat for a large diversity of Ophiostomatales including four new species. Antonie Van Leeuwenhoek, 2016, 109, 877-894.	1.7	8
54	A subspecific division of Pelargonium reniforme Curt. (Geraniaceae). South African Journal of Botany, 1995, 61, 325-330.	2.5	7

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55	Effect of soil type and climatic conditions on the growth and flowering phenology of three Oxalis species in the Western Cape, South Africa. South African Journal of Botany, 2013, 88, 152-163.	2.5	7
56	Two new <i>Oxalis</i> (Oxalidaceae) species from the Richtersveld National Park, South Africa. Phytotaxa, 2013, 89, 53.	0.3	6
57	Two new species of Oxalis (Oxalidaceae) from the Greater Cape Floristic Region. Phytotaxa, 2013, 124, 13.	0.3	6
58	An Unusual Night-Flowering <I>Oxalis</I> from South Africa (Oxalidaceae). Systematic Botany, 2014, 39, 1154-1160.	0.5	6
59	Preâ€Pleistocene origin of an endangered habitat: links between vernal pools and aquatic <i>Oxalis</i> in the Greater Cape Floristic Region of South Africa. Journal of Biogeography, 2014, 41, 1572-1582.	3.0	6
60	Genome sequences of Knoxdaviesia capensis and K. proteae (Fungi: Ascomycota) from Protea trees in South Africa. Standards in Genomic Sciences, 2016, 11, 22.	1.5	6
61	Future danger posed by fungi in the Ophiostomatales when encountering new hosts. Fungal Ecology, 2016, 22, 83-89.	1.6	6
62	Sarcocaulon: genus or section of Monsonia (Geraniaceae)?. South African Journal of Botany, 1997, 63, 240.	2.5	5
63	Knoxdaviesia capensis : dispersal ecology and population genetics of a flower-associated fungus. Fungal Ecology, 2017, 26, 28-36.	1.6	4
64	Impact of disease frequency and host density on pollination and transmission of an African anther-smut fungus. Planta, 2012, 236, 1677-1685.	3.2	3
65	Chloroplast phylogeography of threatened aquatic Oxalis (Oxalidaceae): significant inter-population structure, divergent haplotypes and conservation implications. Conservation Genetics, 2012, 13, 789-799.	1.5	3
66	Discovery of substantial Oxalis (Oxalidaceae) diversity and endemism in an arid biodiversity hotspot. Phytotaxa, 2014, 181, 79.	0.3	3
67	The Importance of Maintaining a Mosaic of Different Plant Communities for Arthropod Biodiversity Conservation at the Vaalputs Radioactive Waste-Disposal Site, Bushmanland, South Africa. African Entomology, 2016, 24, 1-15.	0.6	3
68	Diagnostic markers for <i>Teratosphaeria destructans</i> and closely related species. Forest Pathology, 2020, 50, e12645.	1.1	3
69	Reassessment of the taxonomic status of <I>Oxalis fabaefolia</I> (<I>Oxalidaceae</I>) and the description of a unique variety of <I>Oxalis flava</I> from the Northern Cape Province of South Africa. Blumea: Journal of Plant Taxonomy and Plant Geography, 2010, 55, 253-258.	0.2	2
70	Genetic response to nitrogen starvation in the aggressive Eucalyptus foliar pathogen Teratosphaeria destructans. Current Genetics, 2021, 67, 981-990.	1.7	2
71	Early colonization of Protea flowers enable dominance of competitively weak saprobic fungi in seed cones, benefitting their hosts. Fungal Biology, 2022, 126, 122-131.	2.5	2
72	New primers for singleâ€copy nuclearâ€encoded chloroplastâ€expressed glutamine synthetase (ncpGS) in Oxalidaceae. American Journal of Botany, 2010, 97, e146-8.	1.7	1

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73	Two new <I>Oxalis</I> species (<I>Oxalidaceae</I>) from the Ai-Ais / Richtersveld Transfrontier Park, South Africa. Blumea: Journal of Plant Taxonomy and Plant Geography, 2013, 57, 229-235.	0.2	1
74	New relatives of <I>Oxalis pes-caprae</I> (<I>Oxalidaceae</I>) from South Africa. Blumea: Journal of Plant Taxonomy and Plant Geography, 2014, 59, 131-138.	0.2	1
75	Differences in physiological responses to infection by Ceratocystis tsitsikammensis , a native ophiostomatoid pathogen, between a native forest and an exotic forestry tree in South Africa. Fungal Ecology, 2017, 27, 107-115.	1.6	1