

# Leanne Dreyer

## List of Publications by Year in descending order

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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	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
2	Genetic recombination in <i>Teratosphaeria destructans</i> causing a new disease outbreak in Malaysia. Forest Pathology, 2021, 51, e12683.	1.1	9
3	Genetic response to nitrogen starvation in the aggressive Eucalyptus foliar pathogen <i>Teratosphaeria destructans</i> . Current Genetics, 2021, 67, 981-990.	1.7	2
4	Diagnostic markers for <i>Teratosphaeria destructans</i> and closely related species. Forest Pathology, 2020, 50, e12645.	1.1	3
5	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
6	<i>Knoxdaviesia capensis</i> : dispersal ecology and population genetics of a flower-associated fungus. Fungal Ecology, 2017, 26, 28-36.	1.6	4
7	Differences in physiological responses to infection by <i>Ceratocystis tsitsikammensis</i> , 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
8	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
9	Wounds on <i>Rapanea melanophloeos</i> provide habitat for a large diversity of Ophiostomatales including four new species. Antonie Van Leeuwenhoek, 2016, 109, 877-894.	1.7	8
10	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
11	Genetic basis for high population diversity in Protea-associated <i>Knoxdaviesia</i> . Fungal Genetics and Biology, 2016, 96, 47-57.	2.1	14
12	The phylogenetic significance of leaf anatomical traits of southern African <i>Oxalis</i> . BMC Evolutionary Biology, 2016, 16, 225.	3.2	12
13	Genome sequences of <i>Knoxdaviesia capensis</i> and <i>K. proteae</i> (Fungi: Ascomycota) from Protea trees in South Africa. Standards in Genomic Sciences, 2016, 11, 22.	1.5	6
14	Species-rich and polyploid-poor: Insights into the evolutionary role of whole-genome duplication from the Cape flora biodiversity hotspot. American Journal of Botany, 2016, 103, 1336-1347.	1.7	28
15	Future danger posed by fungi in the Ophiostomatales when encountering new hosts. Fungal Ecology, 2016, 22, 83-89.	1.6	6
16	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
17	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
18	<i>Knoxdaviesia proteae</i> is not the only <i>Knoxdaviesia</i> -symbiont of Protea repens. IMA Fungus, 2015, 6, 471-476.	3.8	10

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19	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
20	Long-distance dispersal and recolonization of a fire-destroyed niche by a mite-associated fungus. Fungal Biology, 2015, 119, 245-256.	2.5	17
21	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
22	An Unusual Night-Flowering <i>Oxalis</i> from South Africa (Oxalidaceae). Systematic Botany, 2014, 39, 1154-1160.	0.5	6
23	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
24	Development of polymorphic microsatellite markers for the genetic characterisation of <i>Knoxdaviesia proteae</i> (Ascomycota: Microascales) using ISSR-PCR and pyrosequencing. Mycological Progress, 2014, 13, 439-444.	1.4	13
25	Panmixia defines the genetic diversity of a unique arthropod-dispersed fungus specific to <i>Protea</i> flowers. Ecology and Evolution, 2014, 4, 3444-3455.	1.9	17
26	Bark and ambrosia beetles (Curculionidae: Scolytinae), their phoretic mites (Acari) and associated <i>Geosmithia</i> species (Ascomycota: Hypocreales) from <i>Virgilia</i> trees in South Africa. Fungal Biology, 2014, 118, 472-483.	2.5	15
27	Pre-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
28	Discovery of substantial <i>Oxalis</i> (Oxalidaceae) diversity and endemism in an arid biodiversity hotspot. Phytotaxa, 2014, 181, 79.	0.3	3
29	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
30	The spatio-ecological segregation of different cytotypes of <i>Oxalis obtusa</i> (Oxalidaceae) in contact zones. South African Journal of Botany, 2013, 88, 62-68.	2.5	8
31	Effect of soil type and climatic conditions on the growth and flowering phenology of three <i>Oxalis</i> species in the Western Cape, South Africa. South African Journal of Botany, 2013, 88, 152-163.	2.5	7
32	High ploidy diversity and distinct patterns of cytotype distribution in a widespread species of <i>Oxalis</i> in the Greater Cape Floristic Region. Annals of Botany, 2013, 111, 641-649.	2.9	51
33	Cytogeography of <i>Oxalis pes-caprae</i> in its native range: where are the pentaploids?. Biological Invasions, 2013, 15, 1189-1194.	2.4	14
34	Two new <i>Oxalis</i> (Oxalidaceae) species from the Richtersveld National Park, South Africa. Phytotaxa, 2013, 89, 53.	0.3	6
35	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
36	Two new species of <i>Oxalis</i> (Oxalidaceae) from the Greater Cape Floristic Region. Phytotaxa, 2013, 124, 13.	0.3	6

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37	Impact of disease frequency and host density on pollination and transmission of an African anther-smut fungus. <i>Planta</i> , 2012, 236, 1677-1685.	3.2	3
38	Three-dimensional reciprocity: A new form of tristily in South African <i>Oxalis</i> (Oxalidaceae) species and its implications for reproduction. <i>South African Journal of Botany</i> , 2012, 78, 195-202.	2.5	9
39	Biotic and abiotic constraints that facilitate host exclusivity of <i>Gondwanomyces</i> and <i>Ophiostoma</i> on <i>Protea</i> . <i>Fungal Biology</i> , 2012, 116, 49-61.	2.5	16
40	Fungal Planet description sheets: 107â€“127. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2012, 28, 138-182.	4.4	163
41	Chloroplast phylogeography of threatened aquatic <i>Oxalis</i> (Oxalidaceae): significant inter-population structure, divergent haplotypes and conservation implications. <i>Conservation Genetics</i> , 2012, 13, 789-799.	1.5	3
42	Mites are the most common vectors of the fungus <i>Gondwanomyces proteae</i> in <i>Protea</i> infructescences. <i>Fungal Biology</i> , 2011, 115, 343-350.	2.5	29
43	Molecular phylogenetics and origins of southern African <i>Oxalis</i> . <i>Taxon</i> , 2011, 60, 1667-1677.	0.7	29
44	Do pollinators influence the assembly of flower colours within plant communities?. <i>Oecologia</i> , 2011, 166, 543-553.	2.0	75
45	Consistent phenological shifts in the making of a biodiversity hotspot: the Cape flora. <i>BMC Evolutionary Biology</i> , 2011, 11, 39.	3.2	17
46	Reassessment of the taxonomic status of <i>Oxalis fabaefolia</i> (Oxalidaceae) and the description of a unique variety of <i>Oxalis flava</i> from the Northern Cape Province of South Africa. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2010, 55, 253-258.	0.2	2
47	Two new <i>Ophiostoma</i> species from <i>Protea</i> & <i>caffra</i> in Zambia. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2010, 24, 18-28.	4.4	31
48	The influence of tetrad shape and intersporal callose wall formation on pollen aperture pattern ontogeny in two eudicot species. <i>Annals of Botany</i> , 2010, 106, 557-564.	2.9	30
49	New primers for single-copy nuclear-encoded chloroplast-expressed glutamine synthetase (ncpGS) in Oxalidaceae. <i>American Journal of Botany</i> , 2010, 97, e146-8.	1.7	1
50	Mite-Mediated Hyperphoretic Dispersal of <i>Ophiostoma</i> spp. from the Infructescences of South African <i>Protea</i> spp.. <i>Environmental Entomology</i> , 2009, 38, 143-152.	1.4	35
51	Genetic differentiation in <i>Oxalis</i> (Oxalidaceae): A tale of rarity and abundance in the Cape Floristic Region. <i>South African Journal of Botany</i> , 2009, 75, 27-33.	2.5	8
52	<i>Oxalis saltusbelli</i> : A new <i>Oxalis</i> (Oxalidaceae) species from the Oorlogskloof Nature Reserve, Nieuwoudtville, South Africa. <i>South African Journal of Botany</i> , 2009, 75, 110-116.	2.5	11
53	An unusual new species of <i>Oxalis</i> (Oxalidaceae) from the Knersvlakte, South Africa. <i>South African Journal of Botany</i> , 2009, 75, 239-245.	2.5	12
54	Anther-smut fungal infection of South African <i>Oxalis</i> species: Spatial distribution patterns and impacts on host fecundity. <i>South African Journal of Botany</i> , 2009, 75, 807-815.	2.5	22

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55	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.	2.7	198
56	Fungal radiation in the Cape Floristic Region: An analysis based on Gondwanamyces and Ophiostoma. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 111-119.	2.7	32
57	A model of bulb evolution in the eudicot genus <i>Oxalis</i> (Oxalidaceae). <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 54-63.	2.7	34
58	Understanding the origins and evolution of the world's biodiversity hotspots: The biota of the African "Cape Floristic Region" as a case study. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 1-4.	2.7	12
59	Phylogenetic relationships, character evolution and biogeography of southern African members of <i>Zygophyllum</i> (Zygophyllaceae) based on three plastid regions. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 932-949.	2.7	41
60	Reproductive biology and ecology of selected rare and endangered <i>Oxalis</i> L. (Oxalidaceae) plant species. <i>Biological Conservation</i> , 2008, 141, 1475-1483.	4.1	14
61	<i>Ophiostoma gemellus</i> and <i>Sporothrix variecibatus</i> from mites infesting <i>Protea</i> infructescences in South Africa. <i>Mycologia</i> , 2008, 100, 496-510.	1.9	44
62	<i>Thecaphora capensis</i> sp. nov., an unusual new anther smut on <i>Oxalis</i> in South Africa. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2008, 21, 147-152.	4.4	15
63	Discovery of Fungus-Mite Mutualism in a Unique Niche. <i>Environmental Entomology</i> , 2007, 36, 1226-1237.	1.4	27
64	A PCR-based method to detect species of Gondwanamyces and Ophiostoma on surfaces of insects colonizing <i>Protea</i> flowers. <i>Canadian Journal of Botany</i> , 2006, 84, 989-994.	1.1	13
65	Flowering phenology of South African <i>Oxalis</i> "possible indicator of climate change?. <i>South African Journal of Botany</i> , 2006, 72, 150-156.	2.5	28
66	Seasonal trends in colonisation of <i>Protea</i> infructescences by Gondwanamyces and Ophiostoma spp.. <i>South African Journal of Botany</i> , 2005, 71, 307-311.	2.5	28
67	Multiple Developmental Pathways Leading to a Single Morph: Monosulcate Pollen (Examples From the) Tj ETQq1 1 0,784314,rgBT /Ov 2,9 46	2.9	46
68	Post-meiotic cytokinesis and pollen aperture pattern ontogeny: comparison of development in four species differing in aperture pattern. <i>American Journal of Botany</i> , 2005, 92, 576-583.	1.7	35
69	Systematic relationships in southern African <i>Oxalis</i> L. (Oxalidaceae): congruence between palynological and plastid <i>trnL</i> evidence. <i>Taxon</i> , 2004, 53, 977-985.	0.7	23
70	Section <i>Reniformia</i> , a new section in the genus <i>Pelargonium</i> (Geraniaceae). <i>South African Journal of Botany</i> , 2000, 66, 44-51.	2.5	18
71	New chromosome number records of South African <i>Oxalis</i> species. <i>South African Journal of Botany</i> , 2000, 66, 130-132.	2.5	8
72	Aberrant pollen in southern African <i>Oxalis</i> (Oxalidaceae). <i>Grana</i> , 1998, 37, 337-342.	0.8	10

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73	Sarcocaulon: genus or section of Monsonia (Geraniaceae)?. South African Journal of Botany, 1997, 63, 240.	2.5	5
74	A subspecific division of Pelargonium reniforme Curt. (Geraniaceae). South African Journal of Botany, 1995, 61, 325-330.	2.5	7
75	Subdivision of Pelargonium sect. Cortusina (Geraniaceae). Plant Systematics and Evolution, 1992, 183, 83-97.	0.9	22