Thomas Denk

List of Publications by Year
in descending order

85	3,093	126858	182361
papers	citations	33 h-index	51 g-index

91	91	91	2278
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic landscape of the global oak phylogeny. New Phytologist, 2020, 226, 1198-1212.	3.5	186
2	The oaks of western Eurasia: Traditional classifications and evidence from two nuclear markers. Taxon, 2010, 59, 351-366.	0.4	181
3	Episodic migration of oaks to Iceland: Evidence for a North Atlantic â€œland bridgeâ€•in the latest Miocene. American Journal of Botany, 2010, 97, 276-287.	0.8	125
4	An Updated Infrageneric Classification of the Oaks: Review of Previous Taxonomic Schemes and Synthesis of Evolutionary Patterns. Tree Physiology, 2017, , 13-38.	0.9	117
5	Significance of Pollen Characteristics for Infrageneric Classification and Phylogeny in Quercus (Fagaceae). International Journal of Plant Sciences, 2009, 170, 926-940.	0.6	108
6	Review of the Cenozoic floras and vegetation of Greece. Review of Palaeobotany and Palynology, 2014, 204, 56-117.	0.8	96
7	Plastome data reveal multiple geographic origins ofQuercusGroup Ilex. PeerJ, 2016, 4, e1897.	0.9	82
8	Vegetational patterns and distribution of relict taxa in humid temperate forests and wetlands of Georgia (Transcaucasia). Biological Journal of the Linnean Society, 2001, 72, 287-332.	0.7	79
9	Phylogeny of Fagus L. (Fagaceae) based on morphological data. Plant Systematics and Evolution, 2003, 240, 55-81.	0.3	75
10	Reliability and resolution of the coexistence approach â€” A revalidation using modern-day data. Review of Palaeobotany and Palynology, 2012, 172, 33-47.	0.8	71
11	The Miocene floras of Iceland and their significance for late Cainozoic North Atlantic biogeography. Botanical Journal of the Linnean Society, 2005, 149, 369-417.	0.8	70
12	The biogeographic history of beech trees. Review of Palaeobotany and Palynology, 2009, 158, 83-100.	0.8	70
13	ITS Evolution in Platanus (Platanaceae): Homoeologues, Pseudogenes and Ancient Hybridization. Annals of Botany, 2008, 101, 403-419.	1.4	69
14	Fagaceae pollen from the early Cenozoic of West Greenland: revisiting Englerâ€™s and Chaneyâ€™s Arcto-Tertiary hypotheses. Plant Systematics and Evolution, 2015, 301, 809-832.	0.3	68
15	Phylogeny and biogeography of Zelkova (Ulmaceae sensu stricto) as inferred from leaf morphology, ITS sequence data and the fossil record. Botanical Journal of the Linnean Society, 2005, 147, 129-157.	0.8	66
16	Fagaceae from the early Oligocene of Central Europe: Persisting new world and emerging old world biogeographic links. Review of Palaeobotany and Palynology, 2012, 169, 7-20.	0.8	66
17	Phylogeographic structuring of plastome diversity in Mediterranean oaks (Quercus Group Ilex,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	58
18	Patterns of molecular and morphological differentiation in Fagus (Fagaceae): phylogenetic implications. American Journal of Botany, 2005, 92, 1006-1016.	0.8	57

#	Article	IF	Citations
19	Pollen morphology and ultrastructure of Quercus with focus on Group Ilex (=Quercus) Tj ETQq1 1 0.784314 rgBT /Over Grana, 2014, 53, 255-282.	0.4	57
20	Pollen, fruits, and leaves ofTetracentron(Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana, 2008, 47, 1-14.	0.4	53
21	Cretaceous and Paleogene Fagaceae from North America and Greenland: evidence for a Late Cretaceous split between Fagus and the remaining Fagaceae. Acta Palaeobotanica, 2016, 56, 247-305.	0.2	52
22	Species relationships and divergence times in beeches: new insights from the inclusion of 53 young and old fossils in a birthâ€“death clock model. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150135.	1.8	52
23	Late Cainozoic Floras of Iceland. Topics in Geobiology, 2011, , .	0.6	51
24	From mesic to arid: Leaf epidermal features suggest preadaptation in Miocene dragon trees (Dracaena). Review of Palaeobotany and Palynology, 2014, 200, 211-228.	0.8	47
25	Middle Miocene floras of Iceland â€" the early colonization of an island?. Review of Palaeobotany and Palynology, 2007, 144, 181-219.	0.8	46
26	Comparative systematics and phylogeography ofQuercusSectionCerrisin western Eurasia: inferences from plastid and nuclear DNA variation. PeerJ, 2018, 6, e5793.	0.9	43
27	Staminate inflorescences with in situ pollen from Eocene Baltic amber reveal high diversity in Fagaceae (oak family). Willdenowia, 2020, 50, .	0.5	42
28	Comparative pollen morphology and ultrastructure ofPlatanus: Implications for phylogeny and evaluation of the fossil record. Grana, 2006, 45, 195-221.	0.4	41
29	A Late Devonian arborescent lycopsid Sublepidodendron songziense Chen emend. (Sublepidodendraceae KrÃusel et Weyland 1949) from China, with a revision of the genus Sublepidodendron (Nathorst) Hirmer 1927. Review of Palaeobotany and Palynology, 2003, 127, 269-305.	0.8	40
30	Trichome types, foliar indumentum and epicuticular wax in the Mediterranean gall oaks, Quercus subsection Galliferae (Fagaceae): implications for taxonomy, ecology and evolution. Botanical Journal of the Linnean Society, 2012, 169, 611-644.	0.8	39
31	First evidence of epidermal structures of Ginkgo from the Mediterranean Tertiary. Review of Palaeobotany and Palynology, 2002, 120, 1-15.	0.8	38
32	Herbivory in early Tertiary Arctic forests. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 283-295.	1.0	38
33	Evolutionary trends and ecological differentiation in early Cenozoic Fagaceae of western North America. American Journal of Botany, 2014, 101, 1332-1349.	0.8	38
34	Credneria and Platanus (Platanaceae) from the Late Cretaceous (Santonian) of Quedlinburg, Germany. Review of Palaeobotany and Palynology, 2008, 152, 211-236.	0.8	36
35	Taxonomy and palaeoecology of two widespread western Eurasian Neogene sclerophyllous oak species: Quercus drymeja Unger and Q. mediterranea Unger. Review of Palaeobotany and Palynology, 2017, 241, 98-128.	0.8	35
36	Miocene palynofloras of the TÄ±naz lignite mine, MuÄŸla, southwest Anatolia: Taxonomy, palaeoecology and local vegetation change. Review of Palaeobotany and Palynology, 2017, 243, 1-36.	0.8	34

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37	Leaf architecture and epidermal characters in Zelkova, Ulmaceae. Botanical Journal of the Linnean Society, 2001, 136, 255-265.	0.8	33
38	The early Miocene flora of GÃ¼vem (Central Anatolia, Turkey): a window into early Neogene vegetation and environments in the Eastern Mediterranean. Acta Palaeobotanica, 2017, 57, 237-338.	0.2	32
39	Fagus from the Miocene of Iceland: systematics and biogeographical considerations. Review of Palaeobotany and Palynology, 2005, 134, 27-54.	0.8	31
40	The middle Miocene palynoflora and palaeoenvironments ofÂEskihisar (YataÄŸan basin, south-western) Tj ETQq0 0 0 rgBT /Overlock 10 T 14-79.	0.8	31
41	Floristic turnover in Iceland from 15 to 6 Ma ? extracting biogeographical signals from fossil floral assemblages. Journal of Biogeography, 2007, 34, 1490-1504.	1.4	29
42	Ulmus leaves and fruits from the Earlyâ€“Middle Eocene of northwestern North America: systematics and implications for character evolution within Ulmaceae. Canadian Journal of Botany, 2005, 83, 1663-1681.	1.2	28
43	Landscape heterogeneity in the YataÄŸan Basin (southwestern Turkey) during the middle Miocene inferred from plant macrofossils. Palaeontographica Abteilung B: Palaeophytologie, 2017, 296, 113-171.	0.7	27
44	Past, present and future distributions of Oriental beech (Fagus orientalis) under climate change projections. PLoS ONE, 2020, 15, e0242280.	1.1	25
45	Systematic Significance of the Cupule/Nut Complex in Living and FossilFagus. International Journal of Plant Sciences, 2001, 162, 869-897.	0.6	24
46	Fables and foibles: A critical analysis of the Palaeoflora database and the Coexistence Approach for palaeoclimate reconstruction. Review of Palaeobotany and Palynology, 2016, 233, 216-235.	0.8	24
47	Plant fossils reveal major biomes occupied by the late Miocene Old-World Pikermian fauna. Nature Ecology and Evolution, 2018, 2, 1864-1870.	3.4	24
48	The reticulate origin of modern plane trees (Platanus, Platanaceae): A nuclear marker puzzle. Taxon, 2010, 59, 134-147.	0.4	23
49	The Colchic region as refuge for relict tree lineages: cryptic speciation in field maples. Turkish Journal of Botany, 2014, 38, 1050-1066.	0.5	23
50	The Biogeographic History of Iceland â€“ The North Atlantic Land Bridge Revisited. Topics in Geobiology, 2011, , 647-668.	0.6	22
51	Early Miocene climate and biomes of Turkey: Evidence from leaf fossils, dispersed pollen, and petrified wood. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 530, 236-248.	1.0	22
52	A combined light and scanning electron microscopy study. Grana, 2016, 55, 179-245.	0.4	21
53	The genus Mahonia in the Miocene of Turkey: Taxonomy and biogeographic implications. Review of Palaeobotany and Palynology, 2012, 175, 32-46.	0.8	19
54	Smilax (Smilacaceae) from the Miocene of western Eurasia with Caribbean biogeographic affinities. American Journal of Botany, 2015, 102, 423-438.	0.8	19

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55	Middle Miocene climate of southwestern Anatolia from multiple botanical proxies. Climate of the Past, 2018, 14, 1427-1440.	1.3	19
56	Phylogeny of Schisandraceae based on morphological data: evidence from modern plants and the fossil record. Plant Systematics and Evolution, 2005, 256, 113-145.	0.3	17
57	The Pliocene flora of Frankfurt am Main, Germany: taxonomy, palaeoenvironments and biogeographic affinities. Palaeobiodiversity and Palaeoenvironments, 2020, 100, 647-703.	0.6	17
58	5Sâ€IGS rDNA in windâ€pollinated trees (Fagus L.) encapsulates 55 million years of reticulate evolution and hybrid origins of modern species. Plant Journal, 2022, 109, 909-926.	2.8	16
59	Coding of intraspecific nucleotide polymorphisms: A tool to resolve reticulate evolutionary relationships in the ITS of beech trees(FagusL., Fagaceae). Systematics and Biodiversity, 2007, 5, 291-309.	0.5	14
60	Synchrotron Xâ€ray imaging of a dichasium cupule of Castanopsis from Eocene Baltic amber. American Journal of Botany, 2018, 105, 2025-2036.	0.8	14
61	Patterns of insect damage types reflect complex environmental signal in Miocene forest biomes of Central Europe and the Mediterranean. Global and Planetary Change, 2021, 199, 103451.	1.6	10
62	Messinian vegetation and climate of the intermontane Florinaâ€“Ptolemaisâ€“Servia Basin, NW Greece inferred from palaeobotanical data: how well do plant fossils reflect past environments?. Royal Society Open Science, 2020, 7, 192067.	1.1	9
63	Palaeoecological interpretation of the late Miocene landscapes and vegetation of northern Greece: A comment to Merceron et al., 2016 (Geobios 49, 135â€“146). Geobios, 2016, 49, 423-431.	0.7	8
64	Late Oligocene leaf and pollen flora of Southwestern Siberia: taxonomy, biogeography and palaeoenvironments. Historical Biology, 2021, 33, 2951-2976.	0.7	7
65	The Pleistocene flora of Bezhan, southeast Albania: early appearance of extant tree species. Historical Biology, 2021, 33, 283-305.	0.7	7
66	Highâ€throughput sequencing of 5Sâ€IGS in oaks: Exploring intragenomic variation and algorithms to recognize target species in pure and mixed samples. Molecular Ecology Resources, 2021, 21, 495-510.	2.2	7
67	New Fagaceous pollen taxa from the Miocene SÃ by flora of Denmark and their biogeographic implications. American Journal of Botany, 2021, 108, 1500-1524.	0.8	7
68	Low taxonomic resolution of papillate Cupressaceae pollen (former Taxodiaceae) impairs their applicability for palaeo-habitat reconstruction. Grana, 2020, 59, 71-93.	0.4	7
69	Introduction to the Nature and Geology of Iceland. Topics in Geobiology, 2011, , 1-29.	0.6	6
70	Catalogue of revised and new plant macrofossils from the Aquitanian-Burdigalian of Soma (W Turkey) â€“ Biogeographic and palaeoclimatic implications. Review of Palaeobotany and Palynology, 2022, 296, 104550.	0.8	6
71	Vegetational patterns and distribution of relict taxa in humid temperate forests and wetlands of Georgia (Transcaucasia). Biological Journal of the Linnean Society, 2001, 72, 287-332.	0.7	4
72	Revision of TertiaryFagus cupules from Russia, Transcaucasia and western Siberia. Feddes Repertorium, 2002, 113, 193-210.	0.2	3

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73	When field botany meets history: taxonomy ofPlatanus mexicanain Mexico. Willdenowia, 2012, 42, 99-115.	0.5	3
74	Comment on â€œEocene Fagaceae from Patagonia and Gondwanan legacy in Asian rainforestsâ€• Science, 2019, 366, .	6.0	3
75	Dispersed pollen and calyx remains ofDiospyros(Ebenaceae) from the middle Miocene â€œPlant bedsâ€•of SÃ¸by, Denmark. Gff, 2021, 143, 292-304.	0.4	3
76	In Search of the Earliest Flowers: Introduction. International Journal of Plant Sciences, 2008, 169, 815-815.	0.6	1
77	Leaf architecture and epidermal characters in Zelkova, Ulmaceae. Botanical Journal of the Linnean Society, 2001, 136, 255-265.	0.8	1
78	The Archaic Floras. Topics in Geobiology, 2011, , 173-231.	0.6	1
79	The Classic Surtarbrandur Floras. Topics in Geobiology, 2011, , 233-290.	0.6	0
80	Systematic Palaeobotany. Topics in Geobiology, 2011, , 45-171.	0.6	0
81	A Lakeland Area in the Late Miocene. Topics in Geobiology, 2011, , 415-449.	0.6	0
82	A Brief Review of Palaeobotanical Research in Iceland. Topics in Geobiology, 2011, , 31-43.	0.6	0
83	A Late Messinian Palynoflora with a Distinct Taphonomy. Topics in Geobiology, 2011, , 451-490.	0.6	0
84	The Middle Late Miocene Floras â€“ A Window into the Regional Vegetation Surrounding a Large Caldera. Topics in Geobiology, 2011, , 369-414.	0.6	0
85	The Early Late Miocene Floras â€“ First Evidence of Cool Temperate and Herbaceous Taxa. Topics in Geobiology, 2011, , 291-367.	0.6	0