David K Ferguson

List of Publications by Year
in descending order

79 papers	2,516 citations	218677 26 h-index	214800 47 g-index
79 all docs	79 docs citations	79 times ranked	2020 citing authors

#	Article	IF	Citations
1	The origin of leaf-assemblages â€" new light on an old problem. Review of Palaeobotany and Palynology, 1985, 46, 117-188.	1.5	226
2	Phytochemical and genetic analyses of ancient cannabis from Central Asia. Journal of Experimental Botany, 2008, 59, 4171-4182.	4.8	181
3	Quantitative reconstruction of the Late Miocene monsoon climates of southwest China: A case study of the Lincang flora from Yunnan Province. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 304, 318-327.	2.3	150
4	A new insight into Cannabis sativa (Cannabaceae) utilization from 2500-year-old Yanghai Tombs, Xinjiang, China. Journal of Ethnopharmacology, 2006, 108, 414-422.	4.1	149
5	The Reconstruction of Paleovegetation and Paleoclimate in the Late Pliocene of West Yunnan, China. Climatic Change, 2006, 77, 431-448.	3.6	89
6	The discovery of Capparis spinosa L. (Capparidaceae) in the Yanghai Tombs (2800 years b.p.), NW China, and its medicinal implications. Journal of Ethnopharmacology, 2007, 113, 409-420.	4.1	87
7	Late Miocene vegetation and climate of the LÃ¼he region in Yunnan, southwestern China. Review of Palaeobotany and Palynology, 2008, 148, 36-59.	1.5	73
8	Discriminating fossil evergreen and deciduous Quercus pollen: A case study from the Miocene of eastern China. Review of Palaeobotany and Palynology, 2007, 145, 289-303.	1.5	67
9	Vegetation and climatic changes of SW China in response to the uplift of Tibetan Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 363-364, 23-36.	2.3	66
10	Evidence for early viticulture in China: proof of a grapevine (Vitis vinifera L., Vitaceae) in the Yanghai Tombs, Xinjiang. Journal of Archaeological Science, 2009, 36, 1458-1465.	2.4	65
11	Reconstruction of paleovegetation and paleoclimate in the Early and Middle Eocene, Hainan Island, China. Climatic Change, 2009, 92, 169-189.	3.6	64
12	Criteria to distinguish parautochthonous leaves in tertiary alluvial channel-fills. Review of Palaeobotany and Palynology, 1996, 91, 1-21.	1.5	63
13	The need for the SEM in palaeopalynology. Comptes Rendus - Palevol, 2007, 6, 423-430.	0.2	63
14	Climatic change during the Palaeocene to Eocene based on fossil plants from Fushun, China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 295, 323-331.	2.3	57
15	Investigation of ancient noodles, cakes, and millet at the Subeixi Site, Xinjiang, China. Journal of Archaeological Science, 2011, 38, 470-479.	2.4	55
16	Early Miocene elevation in northern Tibet estimated by palaeobotanical evidence. Scientific Reports, 2015, 5, 10379.	3.3	52
17	On the phytogeography of coniferales in the European cenozoic. Palaeogeography, Palaeoclimatology, Palaeoecology, 1967, 3, 73-110.	2.3	48
18	Advances in our knowledge of the Miocene plant assemblage from Kreuzau, Germany. Review of Palaeobotany and Palynology, 1998, 101, 147-177.	1.5	48

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19	Ancient plant use and palaeoenvironmental analysis at the Gumugou Cemetery, Xinjiang, China: implication from desiccated plant remains. Archaeological and Anthropological Sciences, 2017, 9, 145-152.	1.8	42
20	Ancient plant use at the site of Yuergou, Xinjiang, China: implications from desiccated and charred plant remains. Vegetation History and Archaeobotany, 2013, 22, 129-140.	2.1	41
21	Climatic and ecological implications of Late Pliocene Palynoflora from Longling, Yunnan, China. Quaternary International, 2004, 117, 91-103.	1.5	39
22	Leaf architecture and epidermal characters in Zelkova, Ulmaceae. Botanical Journal of the Linnean Society, 2001, 136, 255-265.	1.6	33
23	The taphonomy of a remarkable leaf bed assemblage from the Late Oligoceneâ€"Early Miocene Gore Lignite Measures, southern New Zealand. International Journal of Coal Geology, 2010, 83, 173-181.	5.0	33
24	On the taxonomy of recent and fossil species of Laurus (Lauraceae). Botanical Journal of the Linnean Society, 1974, 68, 51-72.	1.6	31
25	Asian Summer Monsoon changes the pollen flow on the Tibetan Plateau. Earth-Science Reviews, 2020, 202, 103114.	9.1	29
26	Fossil Equisetum from the Lower Cretaceous in Jiuquan Basin, Gansu, Northwest China and its paleoclimatic significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 385, 202-212.	2.3	28
27	Lagerstroemia (Lythraceae) pollen from the Miocene of eastern China. Grana, 2008, 47, 262-271.	0.8	26
28	Fossil coniferous wood from the Middle Jurassic of Liaoning Province, China. Review of Palaeobotany and Palynology, 2008, 150, 37-47.	1.5	25
29	Early Paleocene vegetation and climate in Jiayin, NE China. Climatic Change, 2010, 99, 547-566.	3.6	25
30	Paleo-environment and paleo-diet inferred from Early Bronze Age cow dung at Xiaohe Cemetery, Xinjiang, NW China. Quaternary International, 2014, 349, 167-177.	1.5	25
31	Late Pliocene vegetation and climate of Zhangcun region, Shanxi, North China. Global Change Biology, 2011, 17, 1850-1870.	9.5	24
32	Morphological Trends in the Fossil Pollen ofDecodonand the Paleobiogeographic History of the Genus. International Journal of Plant Sciences, 2012, 173, 297-317.	1.3	23
33	Parallel evolution of leaf morphology in gnetophytes. Organisms Diversity and Evolution, 2015, 15, 651-662.	1.6	23
34	Early Miocene vegetation and climate in Weichang District, North China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 47-63.	2.3	22
35	Late Pliocene temperatures and their spatial variation at the southeastern border of the Qinghaiâ€"Tibet Plateau. Journal of Asian Earth Sciences, 2015, 111, 44-53.	2.3	22
36	Habitat, climate and potential plant food resources for the late Miocene Shuitangba hominoid in Southwest China: Insights from carpological remains. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 470, 63-71.	2.3	22

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37	A Late Pleistocene palynoflora from the coastal area of Songkhla Lake, southern Thailand. ScienceAsia, 2008, 34, 137.	0.5	22
38	Equisetum cf. pratense (Equisetaceae) from the Miocene of Yunnan in Southwestern China and Its Paleoecological Implications. International Journal of Plant Sciences, 2007, 168, 351-359.	1.3	21
39	Leaf epidermal structures of extant plants of Cunninghamia and Taiwania (Cupressaceae sensu lato) and their taxonomic application. Review of Palaeobotany and Palynology, 2009, 155, 15-24.	1.5	21
40	Vegetation and climate of the Lop Nur area, China, during the past 7 million years. Climatic Change, 2012, 113, 323-338.	3.6	21
41	Fire dynamics under monsoonal climate in Yunnan, SW China: past, present and future. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 465, 168-176.	2.3	21
42	Macrofossil evidence unveiling evolution and ecology of early Ephedraceae. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 331-346.	2.7	19
43	Comptonia naumannii (Myricaceae) from the early Miocene of Weichang, China, and the palaeobiogeographical implication of the genus. Review of Palaeobotany and Palynology, 2010, 163, 52-63.	1.5	16
44	The fossil record of Berberis (Berberidaceae) from the Palaeocene of NE China and interpretations of the evolution and phytogeography of the genus. Review of Palaeobotany and Palynology, 2010, 160, 10-31.	1.5	15
45	Pollen and Phytoliths from Fired Ancient Potsherds as Potential Indicators for Deciphering Past Vegetation and Climate in Turpan, Xinjiang, NW China. PLoS ONE, 2012, 7, e39780.	2.5	14
46	A new Celastrus species from the middle Miocene of Yunnan, China and its palaeoclimatic and palaeobiogeographic implications. Review of Palaeobotany and Palynology, 2016, 225, 43-52.	1.5	13
47	New pollen classification of Chenopodiaceae for exploring and tracing desert vegetation evolution in eastern arid central Asia. Journal of Systematics and Evolution, 2019, 57, 190-199.	3.1	13
48	A new species of <i>Keteleeria</i> (Pinaceae) in the Shanwang Miocene flora of China and its phytogeographic connection with North America. Taxon, 2006, 55, 165-171.	0.7	12
49	Fossil evidence reveals uplift of the central Tibetan Plateau and differentiated ecosystems during the Late Oligocene. Science Bulletin, 2021, 66, 1164-1167.	9.0	12
50	Protognetaceae: A new gnetoid macrofossil family from the Jurassic of northeastern China. Perspectives in Plant Ecology, Evolution and Systematics, 2017, 28, 67-77.	2.7	11
51	The contribution of micromorphology to the taxonomy and fossil record of the Myricaceae. Taxon, 1998, 47, 333-335.	0.7	10
52	What can pollen grains from the Terracotta Army tell us?. Journal of Archaeological Science, 2007, 34, 1153-1157.	2.4	10
53	A new approach to interpret vegetation and ecosystem changes through time by establishing a correlation between surface pollen and vegetation types in the eastern central Asian desert. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 551, 109762.	2.3	10
54	Reconstructing Tertiary plant communities: introductory remarks. Review of Palaeobotany and Palynology, 1998, 101, 3-6.	1.5	9

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55	Prospects of Apicultural Entrepreneurship in Coastal Districts of Eastern India: A Melissopalynological Evaluation. PLoS ONE, 2014, 9, e94572.	2.5	9
56	Evaluation of the realism of climate reconstruction using the Coexistence Approach with modern pollen samples from the Qinghaiâ€"Tibetan Plateau. Review of Palaeobotany and Palynology, 2015, 219, 172-182.	1.5	9
57	The Phytogeography of the extinct angiosperm Nordenskioeldia (Trochodendraceae) and its response to climate changes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 183-192.	2.3	8
58	Fruit stones from Tiao Lei's tomb of Jiangxi in China, and their palaeoethnobotanical significance. Journal of Archaeological Science, 2013, 40, 1911-1917.	2.4	8
59	Utility of Surface Pollen Assemblages to Delimit Eastern Eurasian Steppe Types. PLoS ONE, 2015, 10, e0119412.	2.5	8
60	A new gnetalean macrofossil from the Early Cretaceous and its evolutionary significance. Cretaceous Research, 2017, 74, 56-64.	1.4	8
61	Pollen spectrum, a cornerstone for tracing the evolution of the eastern Central Asian desert. Quaternary Science Reviews, 2018, 186, 111-122.	3.0	8
62	Drilling wood for fire: discoveries and studies of the fire-making tools in the Yanghai cemetery of ancient Turpan, China. Vegetation History and Archaeobotany, 2018, 27, 197-206.	2.1	8
63	Bridging the knowledge gap on the evolution of the Asian monsoon during 26â€"16 Ma. Innovation(China), 2021, 2, 100110.	9.1	8
64	Tree barks as a natural trap for airborne spores and pollen grains from China. Science Bulletin, 2014, 59, 2331-2339.	1.7	6
65	Diatom-inferred salinity changes from the Yushe paleolake indicate an aridification during the Plioceneâ€"Pleistocene transition in north China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 417, 544-553.	2.3	6
66	Rubus (Rosaceae) diversity in the late Pliocene of Yunnan, southwestern China. Geobios, 2015, 48, 439-448.	1.4	6
67	Climate Reconstruction based on Pollen Analysis in Inner Mongolia, North China from 51.9 to 30.6 kaBP. Acta Geologica Sinica, 2013, 87, 1444-1459.	1.4	5
68	Macrofossil evidence unveiling evolution of male cones in Ephedraceae (Gnetidae). BMC Evolutionary Biology, 2018, 18, 125.	3.2	5
69	Fossil evidence reveals how plants responded to cooling during the Cretaceous-Paleogene transition. BMC Plant Biology, 2019, 19, 402.	3.6	5
70	Phytogeographic implications of a fossil endocarp of <i>Diploclisia</i> (Menispermaceae) from the Miocene of eastern China. Geological Journal, 2021, 56, 758-767.	1.3	5
71	An equable subtropical climate throughout China in the Miocene based on palaeofloral evidence. Earth-Science Reviews, 2021, 218, 103649.	9.1	5
72	Dataset of pollen morphological traits of 56 dominant species among desert vegetation in the eastern arid central Asia. Data in Brief, 2018, 18, 1022-1046.	1.0	4

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73	Archaeobotanical evidence reveals the humanâ€“environment interactions during the 9thâ€“13th centuries at Turpan, Xinjiang on the ancient Silk Road. Vegetation History and Archaeobotany, 2020, 29, 539-552.	2.1	4
74	Floral structure and ontogeny of Syndiclis (Lauraceae). PLoS ONE, 2017, 12, e0186358.	2.5	3
75	Compressions of Sequoia (Cupressaceae sensu lato) from the Middle Jurassic of Daohugou, Ningcheng, Inner Mongolia, China. Palaeobiodiversity and Palaeoenvironments, 2021, 101, 25-33.	1.5	1
76	Pollen R-values in arid central Asia for quantitative palaeo-vegetation reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 596, 110993.	2.3	1
77	Reinhard Zetter, an appreciation. Grana, 2020, 59, 1-6.	0.8	0
78	A linear polyad: a distinctive pollen dispersal unit in <i>Xyris complanata</i> (Xyridaceae). Grana, 2020, 59, 7-18.	0.8	0
79	Dancing on the platform: Lability of floral organs of <i>Beilschmiedia appendiculata</i> (Lauraceae). Ecology and Evolution, 2021, 11, 17615-17624.	1.9	0