David K Ferguson

List of Publications by Year
in descending order

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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	Pollen R-values in arid central Asia for quantitative palaeo-vegetation reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 596, 110993.	2.3	1
2	Phytogeographic implications of a fossil endocarp of Diploclisia (Menispermaceae) from the Miocene of eastern China. Geological Journal, 2021, 56, 758-767.	1.3	5
3	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
4	Bridging the knowledge gap on the evolution of the Asian monsoon during 26â€“16 Ma. Innovation(China), 2021, 2, 100110.	9.1	8
5	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
6	An equable subtropical climate throughout China in the Miocene based on palaeofloral evidence. Earth-Science Reviews, 2021, 218, 103649.	9.1	5
7	Dancing on the platform: Lability of floral organs of Beilschmiedia appendiculata (Lauraceae). Ecology and Evolution, 2021, 11, 17615-17624.	1.9	0
8	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
9	Reinhard Zetter, an appreciation. Grana, 2020, 59, 1-6.	0.8	0
10	A linear polyad: a distinctive pollen dispersal unit in Xyris complanata (Xyridaceae). Grana, 2020, 59, 7-18.	0.8	0
11	Asian Summer Monsoon changes the pollen flow on the Tibetan Plateau. Earth-Science Reviews, 2020, 202, 103114.	9.1	29
12	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
13	Fossil evidence reveals how plants responded to cooling during the Cretaceous-Paleogene transition. BMC Plant Biology, 2019, 19, 402.	3.6	5
14	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
15	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
16	Pollen spectrum, a cornerstone for tracing the evolution of the eastern Central Asian desert. Quaternary Science Reviews, 2018, 186, 111-122.	3.0	8
17	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
18	Macrofossil evidence unveiling evolution of male cones in Ephedraceae (Gnetidae). BMC Evolutionary Biology, 2018, 18, 125.	3.2	5

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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	A new gnetalean macrofossil from the Early Cretaceous and its evolutionary significance. Cretaceous Research, 2017, 74, 56-64.	1.4	8
21	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
22	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
23	Fire dynamics under monsoonal climate in Yunnan, SW China: past, present and future. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 465, 168-176.	2.3	21
24	Floral structure and ontogeny of Syndiclis (Lauraceae). PLoS ONE, 2017, 12, e0186358.	2.5	3
25	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
26	Utility of Surface Pollen Assemblages to Delimit Eastern Eurasian Steppe Types. PLoS ONE, 2015, 10, e0119412.	2.5	8
27	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
28	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
29	Parallel evolution of leaf morphology in gnetophytes. Organisms Diversity and Evolution, 2015, 15, 651-662.	1.6	23
30	Early Miocene elevation in northern Tibet estimated by palaeobotanical evidence. Scientific Reports, 2015, 5, 10379.	3.3	52
31	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
32	Macrofossil evidence unveiling evolution and ecology of early Ephedraceae. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 331-346.	2.7	19
33	Rubus (Rosaceae) diversity in the late Pliocene of Yunnan, southwestern China. Geobios, 2015, 48, 439-448.	1.4	6
34	Prospects of Apicultural Entrepreneurship in Coastal Districts of Eastern India: A Melissopalynological Evaluation. PLoS ONE, 2014, 9, e94572.	2.5	9
35	Tree barks as a natural trap for airborne spores and pollen grains from China. Science Bulletin, 2014, 59, 2331-2339.	1.7	6
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Vegetation and climate of the Lop Nur area, China, during the past 7 million years. Climatic Change, 2012, 113, 323-338.	3.6	21
45	Investigation of ancient noodles, cakes, and millet at the Subeixi Site, Xinjiang, China. Journal of Archaeological Science, 2011, 38, 470-479.	2.4	55
46	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
47	Late Pliocene vegetation and climate of Zhangcun region, Shanxi, North China. Global Change Biology, 2011, 17, 1850-1870.	9.5	24
48	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
49	Early Paleocene vegetation and climate in Jiayin, NE China. Climatic Change, 2010, 99, 547-566.	3.6	25
50	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
51	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
52	Climatic change during the Palaeocene to Eocene based on fossil plants from Fushun, China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 295, 323-331.	2.3	57
53	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
54	Reconstruction of paleovegetation and paleoclimate in the Early and Middle Eocene, Hainan Island, China. Climatic Change, 2009, 92, 169-189.	3.6	64

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55	Early Miocene vegetation and climate in Weichang District, North China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 47-63.	2.3	22
56	The Phytogeography of the extinct angiosperm Nordenskioeldia (Trochodendraceae) and its response to climate changes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 183-192.	2.3	8
57	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
58	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
59	Fossil coniferous wood from the Middle Jurassic of Liaoning Province, China. Review of Palaeobotany and Palynology, 2008, 150, 37-47.	1.5	25
60	Lagerstroemia (Lythraceae) pollen from the Miocene of eastern China. Grana, 2008, 47, 262-271.	0.8	26
61	Phytochemical and genetic analyses of ancient cannabis from Central Asia. Journal of Experimental Botany, 2008, 59, 4171-4182.	4.8	181
62	A Late Pleistocene palynoflora from the coastal area of Songkhla Lake, southern Thailand. ScienceAsia, 2008, 34, 137.	0.5	22
63	The need for the SEM in palaeopalynology. Comptes Rendus - Palevol, 2007, 6, 423-430.	0.2	63
64	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
65	What can pollen grains from the Terracotta Army tell us?. Journal of Archaeological Science, 2007, 34, 1153-1157.	2.4	10
66	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
67	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
68	A new species of Keteleeria (Pinaceae) in the Shanwang Miocene flora of China and its phytogeographic connection with North America. Taxon, 2006, 55, 165-171.	0.7	12
69	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
70	The Reconstruction of Paleovegetation and Paleoclimate in the Late Pliocene of West Yunnan, China. Climatic Change, 2006, 77, 431-448.	3.6	89
71	Climatic and ecological implications of Late Pliocene Palynoflora from Longling, Yunnan, China. Quaternary International, 2004, 117, 91-103.	1.5	39
72	Leaf architecture and epidermal characters in Zelkova, Ulmaceae. Botanical Journal of the Linnean Society, 2001, 136, 255-265.	1.6	33

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73	Reconstructing Tertiary plant communities: introductory remarks. Review of Palaeobotany and Palynology, 1998, 101, 3-6.	1.5	9
74	Advances in our knowledge of the Miocene plant assemblage from Kreuzau, Germany. Review of Palaeobotany and Palynology, 1998, 101, 147-177.	1.5	48
75	The contribution of micromorphology to the taxonomy and fossil record of the Myricaceae. Taxon, 1998, 47, 333-335.	0.7	10
76	Criteria to distinguish parautochthonous leaves in tertiary alluvial channel-fills. Review of Palaeobotany and Palynology, 1996, 91, 1-21.	1.5	63
77	The origin of leaf-assemblages â€" new light on an old problem. Review of Palaeobotany and Palynology, 1985, 46, 117-188.	1.5	226
78	On the taxonomy of recent and fossil species of Laurus (Lauraceae). Botanical Journal of the Linnean Society, 1974, 68, 51-72.	1.6	31
79	On the phytogeography of coniferales in the European cenozoic. Palaeogeography, Palaeoclimatology, Palaeoecology, 1967, 3, 73-110.	2.3	48