FriÃºgeir GrÃ-msson

List of Publications by Year
in descending order

79 papers	1,669 citations	279798 23 h-index	361022 35 g-index
86 all docs	86 docs citations	86 times ranked	1310 citing authors

#	Article	IF	Citations
1	Illustrated Pollen Terminology. , 2018, , .		202
2	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.	1.7	125
3	The Miocene floras of Iceland and their significance for late Cainozoic North Atlantic biogeography. Botanical Journal of the Linnean Society, 2005, 149, 369-417.	1.6	70
4	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.	0.9	68
5	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.	1.5	66
6	Assessing the Fossil Record of Asterids in the Context of Our Current Phylogenetic Framework¹. Annals of the Missouri Botanical Garden, 2015, 100, 329-363.	1.3	61
7	Pollen, fruits, and leaves ofTetracentron(Trochodendraceae) from the Cainozoic of Iceland and western North America and their palaeobiogeographic implications. Grana, 2008, 47, 1-14.	0.8	53
8	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.	0.7	52
9	Late Cainozoic Floras of Iceland. Topics in Geobiology, 2011, , .	0.5	51
10	Middle Miocene floras of Iceland â€” the early colonization of an island?. Review of Palaeobotany and Palynology, 2007, 144, 181-219.	1.5	46
11	Combined LM and SEM study of the Middle Miocene (Sarmatian) palynoflora from the Lavanttal Basin, Austria: Part II. Pinophyta (Cupressaceae, Pinaceae and Sciadopityaceae). Grana, 2011, 50, 262-310.	0.8	43
12	Evidence from "KÃ¶ppen signatures" of fossil plant assemblages for effective heat transport of Gulf Stream to subarctic North Atlantic during Miocene cooling. Biogeosciences, 2013, 10, 7927-7942.	3.3	43
13	Evolutionary trends and ecological differentiation in early Cenozoic Fagaceae of western North America. American Journal of Botany, 2014, 101, 1332-1349.	1.7	38
14	Combined LM and SEM study of the middle Miocene (Sarmatian) palynoflora from the Lavanttal Basin, Austria: part IV. Magnoliophyta 2 â€“ Fagales to Rosales. Grana, 2016, 55, 101-163.	0.8	38
15	Specialized and Generalized Pollen-Collection Strategies in an Ancient Bee Lineage. Current Biology, 2015, 25, 3092-3098.	3.9	36
16	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.	1.5	35
17	Aponogeton pollen from the Cretaceous and Paleogene of North America and West Greenland: Implications for the origin and palaeobiogeography of the genus. Review of Palaeobotany and Palynology, 2014, 200, 161-187.	1.5	34
18	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.	1.5	34

#	Article	IF	Citations
19	Lythrum and Peplis from the Late Cretaceous and Cenozoic of North America and Eurasia: New evidence suggesting early diversification within the Lythraceae. American Journal of Botany, 2011, 98, 1801-1815.	1.7	32
20	Fagus from the Miocene of Iceland: systematics and biogeographical considerations. Review of Palaeobotany and Palynology, 2005, 134, 27-54.	1.5	31
21	Combined LM and SEM study of the Middle Miocene (Sarmatian) palynoflora from the Lavanttal Basin, Austria: Part I. Bryophyta, Lycopodiophyta, Pteridophyta, Ginkgophyta, and Gnetophyta. Grana, 2011, 50, 102-128.	0.8	31
22	The middle Miocene palynoflora and palaeoenvironments ofÂEskihisar (YataÄŸan basin, south-western) Tj ETQq0 0 0 rgBT /Overlock 10 T 14-79.	1.6	31
23	Floristic turnover in Iceland from 15 to 6 Ma ? extracting biogeographical signals from fossil floral assemblages. Journal of Biogeography, 2007, 34, 1490-1504.	3.0	29
24	Combined LM and SEM study of the middle Miocene (Sarmatian) palynoflora from the Lavanttal Basin, Austria: part III. Magnoliophyta 1 â€“ Magnoliales to Fabales. Grana, 2015, 54, 85-128.	0.8	26
25	Evolution of pollen morphology in Loranthaceae. Grana, 2018, 57, 16-116.	0.8	25
26	Combined LM and SEM study of the middle Miocene (Sarmatian) palynoflora from the Lavanttal Basin, Austria: Part V. Magnoliophyta 3 â€“ Myrtales to Ericales. Grana, 2020, 59, 127-193.	0.8	24
27	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
28	The Biogeographic History of Iceland â€“ The North Atlantic Land Bridge Revisited. Topics in Geobiology, 2011, , 647-668.	0.5	22
29	Before the â€˜Big Chillâ€™: Patterns of plant-insect associations from the Neogene of Iceland. Global and Planetary Change, 2016, 142, 73-86.	3.5	20
30	Diverse fossil Onagraceae pollen from a Miocene palynoflora of north-east China: early steps in resolving the phytogeographic history of the family. Plant Systematics and Evolution, 2012, 298, 671-687.	0.9	18
31	Eocene palms from central Myanmar in a South-East Asian and global perspective: evidence from the palynological record. Botanical Journal of the Linnean Society, 2020, 194, 177-206.	1.6	17
32	Taxonomic description of in situ bee pollen from the middle Eocene of Germany. Grana, 2017, 56, 37-70.	0.8	15
33	A Winteraceae pollen tetrad from the early Paleocene of western Greenland, and the fossil record of Winteraceae in Laurasia and Gondwana. Journal of Biogeography, 2018, 45, 567-581.	3.0	15
34	Ecological dynamic equilibrium in an early Miocene (21.73â€˜Ma) forest, Ethiopia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 539, 109425.	2.3	14
35	Eocene Loranthaceae pollen pushes back divergence ages for major splits in the family. PeerJ, 2017, 5, e3373.	2.0	14
36	Before the â€˜Big Chillâ€™: A preliminary overview of arthropods from the middle Miocene of Iceland (Insecta, Crustacea). Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 401, 1-12.	2.3	13

#	Article	IF	Citations
37	A revised stratigraphy for the Palaeocene Agatdalen flora (Nuussuaq Peninsula, western Greenland): correlating fossiliferous outcrops, macrofossils, and palynological samples from phosphoritic nodules. Acta Palaeobotanica, 2016, 56, 307-327.	0.7	13
38	Palaeodietary traits of large mammals from the middle Miocene of GraÄanica (Bugojno Basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.5	12
39	Pollen Morphology and Ultrastructure. , 2018, , 37-65.		12
40	Tiny pollen grains: first evidence of Saururaceae from the Late Cretaceous of western North America. PeerJ, 2017, 5, e3434.	2.0	10
41	Character stateâ€based taxa erected to accommodate fossil and extant needle stoneflies (Leuctridae â€“) Tj ETQq1 1 0.784314 rgBT	3.9	9
42	Origin and divergence of Afro-Indian Picrodendraceae: linking pollen morphology, dispersal modes, fossil records, molecular dating and paleogeography. Grana, 2019, 58, 227-275.	0.8	9
43	Pollen morphology of the African Sclerosperma (Arecaceae). Grana, 2019, 58, 99-113.	0.8	9
44	The last meal of an Eocene pollen-feeding fly. Current Biology, 2021, 31, 2020-2026.e4.	3.9	8
45	The first Loranthaceae fossils from Africa. Grana, 2018, 57, 249-259.	0.8	7
46	Was the kateretid beetle Pelretes really a Cretaceous angiosperm pollinator?. Nature Plants, 2022, 8, 38-40.	9.3	7
47	The single-grain method: adding TEM to the equation. Grana, 2020, 59, 44-57.	0.8	6
48	Hagenia from the early Miocene of Ethiopia: Evidence for possible niche evolution?. Ecology and Evolution, 2021, 11, 5164-5186.	1.9	6
49	Introduction to the Nature and Geology of Iceland. Topics in Geobiology, 2011, , 1-29.	0.5	6
50	Pollen morphology of extant Winteraceae: a study allowing SEM-based affiliation of its fossil representatives. Acta Palaeobotanica, 2017, 57, 339-396.	0.7	6
51	Palynology: History and Systematic Aspects. , 2018, , 3-21.		5
52	Pliocene Lythrum (loosestrife, Lythraceae) pollen from Portugal and the Neogene establishment of European lineages. Review of Palaeobotany and Palynology, 2022, 296, 104548.	1.5	5
53	Climate Evolution in the Northern North Atlantic â€“ 15 Ma to Present. Topics in Geobiology, 2011, , 669-721.	0.5	4
54	Sclerosperma fossils from the late Oligocene of Chilga, north-western Ethiopia. Grana, 2019, 58, 81-98.	0.8	4

#	Article	IF	Citations
55	Middle Miocene macrofloral elements from the Lavanttal Basin, Austria, Part I. Ginkgo adiantoides (Unger) Heer. Austrian Journal of Earth Sciences, 2015, 108, 185-198.	0.5	4
56	Fossil Giraffidae (Mammalia, Artiodactyla) from the early Turolian of Kavakdere (Central Anatolia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	3
57	Pliocene Terrestrial and Marine Biota of the TjÃ¶rnes Peninsula: Warm Climates and Biogeographic Re-arrangements. Topics in Geobiology, 2011, , 491-554.	0.5	3
58	Fossil Giraffidae (Mammalia, Artiodactyla) from the late Miocene of Thermopigi (Macedonia, Greece). Palaeontologia Electronica, 0, , .	0.9	3
59	How to extract and analyze pollen from internal organs and exoskeletons of fossil insects. STAR Protocols, 2021, 2, 100923.	1.2	3
60	Bibionidae (Diptera) from the late Miocene of HrÃºtagil (MÃ³kollsdalur), Iceland. Palaontologische Zeitschrift, 2017, 91, 195-205.	1.6	2
61	The Pleistocene Floras (2.4â€“0.8 Ma) â€“ Shaping the Modern Vegetation of Iceland. Topics in Geobiology, 2011, , 555-645.	0.5	2
62	The first xiphydriid wood wasp in Cretaceous amber (Hymenoptera: Xiphydriidae) and a potential association with Cycadales. Fossil Record, 2022, 24, 445-453.	1.4	2
63	Ornamentation. , 2018, , 295-378.		1
64	Glossary of Palynological Terms. , 2018, , 439-448.		1
65	The Archaic Floras. Topics in Geobiology, 2011, , 173-231.	0.5	1
66	Misinterpretations in Palynology. , 2018, , 67-84.		1
67	Pollen- and Dispersal Units. , 2018, , 131-154.		1
68	Art Meets Science â€“ The Unpublished Drawings by Carl Hedelin and ThÃ©rÃ¨se Ekblom. Topics in Geobiology, 2011, , 723-824.	0.5	0
69	Large giraffids (Mammalia, Ruminantia) from the new late Miocene fossiliferous locality of Kemiklitepe-E (Western Anatolia, Turkey). Palaeobiodiversity and Palaeoenvironments, 2020, 101, 853-867.	1.5	0
70	Reinhard Zetter, an appreciation. Grana, 2020, 59, 1-6.	0.8	0
71	The Classic Surtarbrandur Floras. Topics in Geobiology, 2011, , 233-290.	0.5	0
72	Systematic Palaeobotany. Topics in Geobiology, 2011, , 45-171.	0.5	0

#	Article	IF	Citations
73	A Lakeland Area in the Late Miocene. Topics in Geobiology, 2011, , 415-449.	0.5	0
74	A Brief Review of Palaeobotanical Research in Iceland. Topics in Geobiology, 2011, , 31-43.	0.5	0
75	A Late Messinian Palynoflora with a Distinct Taphonomy. Topics in Geobiology, 2011, , 451-490.	0.5	0
76	The Middle Late Miocene Floras â€“ A Window into the Regional Vegetation Surrounding a Large Caldera. Topics in Geobiology, 2011, , 369-414.	0.5	0
77	The Early Late Miocene Floras â€“ First Evidence of Cool Temperate and Herbaceous Taxa. Topics in Geobiology, 2011, , 291-367.	0.5	0
78	How to Describe and Illustrate Pollen Grains. , 2018, , 85-95.		0
79	Shape and Polarity. , 2018, , 155-205.		0