Reinhard Zetter

List of Publications by Year
in descending order

94 papers	2,328 citations	186265 28 h-index	302126 39 g-index
101 all docs	101 docs citations	101 times ranked	1741 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	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
4	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
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	The need for the SEM in palaeopalynology. Comptes Rendus - Palevol, 2007, 6, 423-430.	0.2	63
7	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
8	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
9	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
10	Late Cainozoic Floras of Iceland. Topics in Geobiology, 2011, , .	0.5	51
11	Advances in our knowledge of the Miocene plant assemblage from Kreuzau, Germany. Review of Palaeobotany and Palynology, 1998, 101, 147-177.	1.5	48
12	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
13	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
14	The fossil pollen record of Araceae. Plant Systematics and Evolution, 2007, 263, 93-115.	0.9	40
15	A multidisciplinary approach to reconstruct the Late Oligocene vegetation in central Europe. Review of Palaeobotany and Palynology, 1998, 101, 71-94.	1.5	39
16	Evolutionary trends and ecological differentiation in early Cenozoic Fagaceae of western North America. American Journal of Botany, 2014, 101, 1332-1349.	1.7	38
17	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
18	Lower Miocene leaf, palynomorph, and diaspore assemblages from the base of the lignite-bearing sequence in the opencast mine Oberdorf, N Voitsberg (Styria, Austria) as an indication of "Younger Mastixioid" vegetation.. Palaeontographica Abteilung B: Palaeophytologie, 1999, 252, 123-179.	1.6	37

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19	Specialized and Generalized Pollen-Collection Strategies in an Ancient Bee Lineage. Current Biology, 2015, 25, 3092-3098.	3.9	36
20	The grass pollen season 2014 in Vienna: A pilot study combining phenology, aerobiology and symptom data. Science of the Total Environment, 2016, 566-567, 1614-1620.	8.0	35
21	Early Eocene zona-aperturate pollen grains of the Proxapertites type with affinity to Araceae. Review of Palaeobotany and Palynology, 2001, 117, 267-279.	1.5	34
22	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
23	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
24	Leaf architecture and epidermal characters in Zelkova, Ulmaceae. Botanical Journal of the Linnean Society, 2001, 136, 255-265.	1.6	33
25	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
26	Fossil Ericaceae from New Zealand: Deconstructing the use of fossil evidence in historical biogeography. American Journal of Botany, 2010, 97, 59-70.	1.7	33
27	Upper Cretaceous sulcate pollen from the Timerdyakh Formation, Vilui Basin (Siberia). Grana, 2010, 49, 170-193.	0.8	33
28	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
29	Fruits and seeds of Craigia bronnii (Malvaceae â€“ Tilioideae) and associated flower buds from the late Miocene Inden Formation, Lower Rhine Basin, Germany. Review of Palaeobotany and Palynology, 2002, 119, 311-324.	1.5	31
30	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
31	The middle Miocene palynoflora and palaeoenvironments ofÂEskihisar (YataÄŸan basin, south-western) Tj ETQq1 1 0.784314 rgBT /Ov 14-79.	1.6	31
32	Plant mega- and microfossil assemblages from the Brunssumian of`Hambach' near DÃ¼ren, B.R.D.. Review of Palaeobotany and Palynology, 1998, 101, 209-256.	1.5	27
33	Ultrastructure and diversity of recent and fossil zona-aperturate pollen grains. Plant Systematics and Evolution, 2005, 255, 145-176.	0.9	26
34	Lagerstroemia (Lythraceae) pollen from the Miocene of eastern China. Grana, 2008, 47, 262-271.	0.8	26
35	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
36	The grass pollen season 2015: a proof of concept multi-approach study in three different European cities. World Allergy Organization Journal, 2017, 10, 31.	3.5	26

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37	The Morphology of Pollen Tetrads and Viscin Threads in Some Tertiary,Rhododendron-Like Ericaceae. Grana, 1996, 35, 285-294.	0.8	25
38	Reconstruction of Different Wetland Plant Habitats of the Pannonian Basin System (Neogene, Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	25
39	Palynoflora of the late Paleocene silicified shale at Almont, North Dakota, USA. Palynology, 2011, 35, 179-211.	1.5	25
40	Evolution of pollen morphology in Loranthaceae. Grana, 2018, 57, 16-116.	0.8	25
41	Late Pliocene vegetation and climate of Zhangcun region, Shanxi, North China. Global Change Biology, 2011, 17, 1850-1870.	9.5	24
42	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
43	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
44	The Biogeographic History of Iceland â€“ The North Atlantic Land Bridge Revisited. Topics in Geobiology, 2011, , 647-668.	0.5	22
45	A Late Pleistocene palynoflora from the coastal area of Songkhla Lake, southern Thailand. ScienceAsia, 2008, 34, 137.	0.5	22
46	Comparative investigations on the basal fossiliferous layers at the opencast mine Oberdorf (KÃ¶flach-Voitsberg lignite deposit, Styria, Austria; Early Miocene). Review of Palaeobotany and Palynology, 1998, 101, 125-145.	1.5	21
47	A combined light and scanning electron microscopy study. Grana, 2016, 55, 179-245.	0.8	21
48	Pollen information consumption as an indicator of pollen allergy burden. Wiener Klinische Wochenschrift, 2016, 128, 59-67.	1.9	21
49	The Early AngiospermPseudoasterophyllites cretaceusfrom Albianâ€”Cenomanian of Czech Republic and France Revisited. Acta Palaeontologica Polonica, 2012, 57, 437-443.	0.4	21
50	The evaluation of pollen concentrations with statistical and computational methods on rooftop and on ground level in Vienna â€“ How to include daily crowd-sourced symptom data. World Allergy Organization Journal, 2019, 12, 100036.	3.5	20
51	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
52	Notes on the exine ultrastructure of Onagraceae and Rhododendroideae (Ericaceae). Grana, 1992, 31, 119-123.	0.8	17
53	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
54	Upper Cretaceous pollen flora from the Vilui Basin, Siberia: Circumpolar and endemicAquilapollenites,Manicorpus, andAzoniaspecies. Grana, 2007, 46, 227-249.	0.8	15

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55	Combined LM and SEM study of the upper Oligocene/lower Miocene palynoflora from Altmittweida (Saxony): Providing new insights into Cenozoic vegetation evolution of Central Europe. Review of Palaeobotany and Palynology, 2013, 195, 1-18.	1.5	15
56	Taxonomic description of in situ bee pollen from the middle Eocene of Germany. Grana, 2017, 56, 37-70.	0.8	15
57	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
58	Pollen, Pollenkitt, and Orbicules in Craigia bronnii Flower Buds (Tilioideae, Malvaceae) from the Miocene of Hambach, Germany. International Journal of Plant Sciences, 2002, 163, 1067-1071.	1.3	14
59	Eocene Loranthaceae pollen pushes back divergence ages for major splits in the family. PeerJ, 2017, 5, e3373.	2.0	14
60	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
61	A re-examination of Cenozoic Polypodium in North America. Review of Palaeobotany and Palynology, 2004, 128, 219-227.	1.5	12
62	Pollen degradation in mangrove sediments: A short-term experiment. Review of Palaeobotany and Palynology, 2015, 221, 106-116.	1.5	12
63	Pollen Morphology and Ultrastructure. , 2018, , 37-65.		12
64	New details on the morphology of fossil onagraceous pollen grains. Plant Systematics and Evolution, 1987, 157, 1-7.	0.9	11
65	Pollen distribution and deposition in mangrove sediments of the Ranong Biosphere Reserve, Thailand. Review of Palaeobotany and Palynology, 2016, 233, 22-43.	1.5	11
66	Tiny pollen grains: first evidence of Saururaceae from the Late Cretaceous of western North America. PeerJ, 2017, 5, e3434.	2.0	10
67	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
68	Pollen morphology of the African Sclerosperma (Arecaceae). Grana, 2019, 58, 99-113.	0.8	9
69	The last meal of an Eocene pollen-feeding fly. Current Biology, 2021, 31, 2020-2026.e4.	3.9	8
70	The first Loranthaceae fossils from Africa. Grana, 2018, 57, 249-259.	0.8	7
71	Pollen record of megathermal and mesothermal elements in the late Pliocene from west Portugal revealed by combined light and scanning electron microscopy studies. Grana, 2020, 59, 114-126.	0.8	6
72	Hagenia from the early Miocene of Ethiopia: Evidence for possible niche evolution?. Ecology and Evolution, 2021, 11, 5164-5186.	1.9	6

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73	Pollen morphology of extant Winteraceae: a study allowing SEM-based affiliation of its fossil representatives. Acta Palaeobotanica, 2017, 57, 339-396.	0.7	6
74	Palynology: History and Systematic Aspects. , 2018, , 3-21.		5
75	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
76	Sclerosperma fossils from the late Oligocene of Chilga, north-western Ethiopia. Grana, 2019, 58, 81-98.	0.8	4
77	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
78	How to extract and analyze pollen from internal organs and exoskeletons of fossil insects. STAR Protocols, 2021, 2, 100923.	1.2	3
79	Morphological and harmomegathic characters of pollen of Gnetum species (Gnetaceae) in Thailand: studies with light and scanning electron microscopy. Botanical Journal of the Linnean Society, 2018, 187, 653-671.	1.6	2
80	A farewell to Wilhelm Klaus. Review of Palaeobotany and Palynology, 1988, 56, 1-4.	1.5	1
81	Leaf architecture and epidermal characters in Zelkova, Ulmaceae. Botanical Journal of the Linnean Society, 2001, 136, 255-265.	1.6	1
82	Ornamentation. , 2018, , 295-378.		1
83	Glossary of Palynological Terms. , 2018, , 439-448.		1
84	The Archaic Floras. Topics in Geobiology, 2011, , 173-231.	0.5	1
85	Misinterpretations in Palynology. , 2018, , 67-84.		1
86	Pollen- and Dispersal Units. , 2018, , 131-154.		1
87	A linear polyad: a distinctive pollen dispersal unit in Xyris complanata (Xyridaceae). Grana, 2020, 59, 7-18.	0.8	0
88	Systematic Palaeobotany. Topics in Geobiology, 2011, , 45-171.	0.5	0
89	A Lakeland Area in the Late Miocene. Topics in Geobiology, 2011, , 415-449.	0.5	0
90	A Late Messinian Palynoflora with a Distinct Taphonomy. Topics in Geobiology, 2011, , 451-490.	0.5	0

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91	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
92	The Early Late Miocene Floras â€“ First Evidence of Cool Temperate and Herbaceous Taxa. Topics in Geobiology, 2011, , 291-367.	0.5	0
93	How to Describe and Illustrate Pollen Grains. , 2018, , 85-95.		0
94	Shape and Polarity. , 2018, , 155-205.		0