# Hans Kerp

## List of Publications by Year in descending order

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|---|---|---|---|
| 63 papers | 2,439 citations | 201674 27 h-index | 206112 48 g-index |
| 67 all docs | 67 docs citations | 67 times ranked | 1229 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Study of Fossil Gymnosperms by Means of Cuticular Analysis. Palaios, 1990, 5, 548. | 1.3 | 254 |
| 2 | Life history biology of early land plants: Deciphering the gametophyte phase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5892-5897. | 7.1 | 166 |
| 3 | A cyanolichen from the Lower Devonian Rhynie chert. American Journal of Botany, 1997, 84, 992-1004. | 1.7 | 141 |
| 4 | Post-Variscan late Palaeozoic Northern Hemisphere gymnosperms: the onset to the Mesozoic. Review of Palaeobotany and Palynology, 1996, 90, 263-285. | 1.5 | 131 |
| 5 | Photography of plant fossilsâ€"New techniques, old tricks. Review of Palaeobotany and Palynology, 2011, 166, 117-151. | 1.5 | 103 |
| 6 | The so-called â€œPaleophyticâ€“Mesophyticâ€•transition in equatorial Pangea â€" Multiple biomes and vegetational tracking of climate change through geological time. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 268, 152-163. | 2.3 | 94 |
| 7 | Typical Triassic Gondwanan floral elements in the Upper Permian of the paleotropics. Geology, 2006, 34, 265. | 4.4 | 78 |
| 8 | How Paleozoic Vines and Lianas Got off the Ground: On Scrambling and Climbing Carboniferousâ€“Early Permian Pteridosperms. Botanical Review, The, 2003, 69, 204-224. | 3.9 | 76 |
| 9 | The land plant Î´13C record and plant evolution in the Late Palaeozoic. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 240, 237-252. | 2.3 | 70 |
| 10 | ï¸§The late Paleozoic ecologicalâ€“evolutionary laboratory, and land-plant fossil record perspective. The Sedimentary Record, 2014, 12, 4-10. | 0.6 | 70 |
| 11 | A Late Permian flora with Dicroidium from the Dead Sea region, Jordan. Review of Palaeobotany and Palynology, 2008, 149, 85-130. | 1.5 | 69 |
| 12 | A harvestman (Arachnida: Opiliones) from the Early Devonian Rhynie cherts, Aberdeenshire, Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 2003, 94, 341-354. | 0.7 | 66 |
| 13 | Spores of the Rhynie chert plant Aglaophyton (Rhynia) major (Kidston and Lang) D.S. Edwards, 1986. Review of Palaeobotany and Palynology, 2006, 142, 229-250. | 1.5 | 63 |
| 14 | A hidden cradle of plant evolution in Permian tropical lowlands. Science, 2018, 362, 1414-1416. | 12.6 | 61 |
| 15 | The Carnian (Late Triassic) flora from Lunz in Lower Austria: Paleoecological considerations. Palaeoworld, 2008, 17, 172-182. | 1.1 | 57 |
| 16 | Preserved organs of Devonian harvestmen. Nature, 2003, 425, 916-916. | 27.8 | 53 |
| 17 | New gametophytes from the Early Devonian Rhynie chert. Transactions of the Royal Society of Edinburgh: Earth Sciences, 2003, 94, 411-428. | 0.7 | 51 |
| 18 | Aspects of Permian palaeobotany and palynology. XV. On the oldest known peltasperms with radially symmetrical ovuliferous discs from the Kungurian (uppermost Lower Permian) of the Fore-Urals (Russia). Review of Palaeobotany and Palynology, 1996, 91, 35-62. | 1.5 | 47 |

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|---|---|---|---|
| 19 | Revision of the Pterophyllum species (Cycadophytina: Bennettitales) in the Carnian (Late Triassic) flora from Lunz, Lower Austria. Review of Palaeobotany and Palynology, 2007, 147, 3-27. | 1.5 | 44 |
| 20 | Trichomes of the seed fern Blanzyopteris praedentata: implications for plantâ€“insect interactions in the Late Carboniferous. Botanical Journal of the Linnean Society, 2003, 141, 133-149. | 1.6 | 41 |
| 21 | A contribution to the knowledge of the pteridosperm genera Pseudomariopteris DanzÃ©-Corsin nov. emend. and Helenopteris nov. gen.. Review of Palaeobotany and Palynology, 2000, 111, 145-195. | 1.5 | 40 |
| 22 | FIRST RECORD OFNILSSONIOPTERIS(GYMNOSPERMOPHYTA, BENNETTITALES) FROM THE CARNIAN (UPPER TRIASSIC) OF LUNZ, LOWER AUSTRIA. Palaeontology, 2007, 50, 1299-1318. | 2.2 | 35 |
| 23 | Organs and tissues of Rhynie chert plants. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160495. | 4.0 | 35 |
| 24 | Reproductive Organs and In Situ Spores of Asteroxylon mackiei Kidston & Lang, the Most Complex Plant from the Lower Devonian Rhynie Chert. International Journal of Plant Sciences, 2013, 174, 293-308. | 1.3 | 32 |
| 25 | Sphenophytes, pteridosperms and possible cycads from the Wuchiapingian (Lopingian, Permian) of Bletterbach (Dolomites, Northern Italy). Review of Palaeobotany and Palynology, 2014, 208, 65-82. | 1.5 | 30 |
| 26 | Morphology and epidermal anatomy of Nilssonia (cycadalean foliage) from the Upper Triassic of Lunz (Lower Austria). Review of Palaeobotany and Palynology, 2007, 143, 197-217. | 1.5 | 29 |
| 27 | Reconstruction of a bennettitalean flower from the Carnian (Upper Triassic) of Lunz, Lower Austria. Review of Palaeobotany and Palynology, 2010, 159, 94-111. | 1.5 | 29 |
| 28 | Conifer-dominated palynofloras in the Middle Pennsylvanian strata of the De Lutte-6 borehole, The Netherlands: Implications for evolution, palaeoecology and biostratigraphy. Review of Palaeobotany and Palynology, 2013, 188, 18-37. | 1.5 | 29 |
| 29 | Auritifolia gen. nov., Probable Seed Plant Foliage with Comioid Affinities from the Early Permian of Texas, U.S.A.. International Journal of Plant Sciences, 2009, 170, 247-266. | 1.3 | 28 |
| 30 | Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding â€œFossils from conflict zones and reproducibility of fossil-based scientific dataâ€• Myanmar amber. Palaontologische Zeitschrift, 2020, 94, 431-437. | 1.6 | 28 |
| 31 | A surface microrelief on the leaves of Glossophyllum florinii (?Ginkgoales) from the Upper Triassic of Lunz, Austria. Botanical Journal of the Linnean Society, 2007, 153, 87-95. | 1.6 | 26 |
| 32 | Epidermal anatomy of Glenopteris splendens Sellards nov. emend., an enigmatic seed plant from the Lower Permian of Kansas (U.S.A.). Review of Palaeobotany and Palynology, 2005, 136, 159-180. | 1.5 | 25 |
| 33 | Callipterid peltasperms of the Dunkard Group, Central Appalachian Basin. International Journal of Coal Geology, 2013, 119, 56-78. | 5.0 | 25 |
| 34 | Sea-level changes in the Lopingian (late Permian) of the northwestern Tethys and their effects on the terrestrial palaeoenvironments, biota and fossil preservation. Global and Planetary Change, 2017, 148, 166-180. | 3.5 | 22 |
| 35 | Aspects of Permian palaeobotany and palynology. XIV. A new form-genus of broad-leaved late carboniferous and early Permian Northern hemisphere conifers. Review of Palaeobotany and Palynology, 1994, 83, 241-251. | 1.5 | 21 |
| 36 | Early Permian (Asselian) vegetation from a seasonally dry coast in western equatorial Pangea: Paleoecology and evolutionary significance. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 433, 158-173. | 2.3 | 20 |

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|---|---|---|---|
| 37 | Leaf anatomy of a late Palaeozoic cycad. Biology Letters, 2017, 13, 20170456. | 2.3 | 20 |
| 38 | Cycadalean and bennettitalean foliage from the Triassic Madygen LagerstÃtte (SW Kyrgyzstan, Central) Tj ETQq0 0 0 rgBT /Overlock 10 | 1.5 | 19 |
| 39 | Conifer diversity in the Kungurian of Europeâ€"Evidence from dwarf-shoot morphology. Review of Palaeobotany and Palynology, 2017, 244, 308-315. | 1.5 | 18 |
| 40 | Nothia aphylla: The Issue of Clonal Development in Early Land Plants. International Journal of Plant Sciences, 2005, 166, 319-326. | 1.3 | 17 |
| 41 | Polar Regions of the Mesozoicâ€"Paleogene Greenhouse World as Refugia for Relict Plant Groups. , 2018, , 593-611. | | 17 |
| 42 | Epidermal anatomy of Barthelopteris germarii from the Upper Carboniferous and Lower Permian of France and Germany. American Journal of Botany, 1998, 85, 553-562. | 1.7 | 15 |
| 43 | An evidence-based 3D reconstruction of Asteroxylon mackiei, the most complex plant preserved from the Rhynie chert. ELife, 2021, 10, . | 6.0 | 15 |
| 44 | Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding â€œFossils from conflict zones and reproducibility of fossil-based scientific dataâ€: the importance of private collections. Palaontologische Zeitschrift, 2020, 94, 413-429. | 1.6 | 13 |
| 45 | Lycopsids from the Upper Devonian of northern Chile with remarks on the geographical distribution of the morphogenus Haplostigma Seward. Palaontologische Zeitschrift, 2011, 85, 231-240. | 1.6 | 12 |
| 46 | Palynostratigraphy of the Devonianâ€"Carboniferous transition in the Tulong section in South Tibet: A Hangenberg Event sequence analogue in the Himalaya-Tethys zone. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 108704. | 2.3 | 11 |
| 47 | A whole noeggerathialean plant Tingia unita Wang from the earliest Permian peat-forming flora, Wuda Coalfield, Inner Mongolia. Review of Palaeobotany and Palynology, 2021, 294, 104204. | 1.5 | 11 |
| 48 | Contributions towards whole-plant reconstructions of Dicroidium plants (Umkomasiaceae) from the Permian of Jordan. Review of Palaeobotany and Palynology, 2020, 278, 104210. | 1.5 | 10 |
| 49 | Bennettitalean Leaves From the Permian of Equatorial Pangeaâ€"The Early Radiation of an Iconic Mesozoic Gymnosperm Group. Frontiers in Earth Science, 2021, 9, . | 1.8 | 10 |
| 50 | Sphenopterid diversity in the Kungurian of Tregiovo (Trento, NE-Italy). Review of Palaeobotany and Palynology, 2018, 252, 64-76. | 1.5 | 9 |
| 51 | (1791) Proposal to conserve the name Pterophyllum (fossil Bennettitales ) with a conserved type. Taxon, 2007, 56, 966-967. | 0.7 | 8 |
| 52 | Whole-Plant Regeneration via Epidermal Cells in the Axis of the Early Devonian Rhynie Chert PlantRhynia gwynne-vaughaniiKidston et Lang. International Journal of Plant Sciences, 2016, 177, 539-550. | 1.3 | 8 |
| 53 | A new arthropod from the early Devonian Rhynie chert, Aberdeenshire (Scotland), with a remarkable filtering device in the mouthparts. Palaontologische Zeitschrift, 2006, 80, 296-306. | 1.6 | 6 |
| 54 | A lyginopterid pollen organ from the upper Permian of the Dead Sea region. Grana, 2021, 60, 81-96. | 0.8 | 5 |

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|---|---|---|---|
| 55 | The Non-analog Vegetation of the Late Paleozoic Icehouseâ€“Hothouse and Their Coal-Forming Forested Environments. Springer Textbooks in Earth Sciences, Geography and Environment, 2020, , 291-316. | 0.3 | 5 |
| 56 | First Permian occurrence of the shark egg capsule morphotypePalaeoxyrisBrongniart, 1828. Journal of Vertebrate Paleontology, 2016, 36, e1112290. | 1.0 | 4 |
| 57 | Lower Permian Flora of the Sanzenbacher Ranch, Clay County, Texas. , 2018, , 95-126. | | 4 |
| 58 | The Pennsylvanian System in the Sacramento Mountains, New Mexico, USA. Smithsonian Contributions To Paleobiology, 2021, , iv-215. | 1.0 | 3 |
| 59 | A taxonomic revision of the late Paleozoic lyginopterid Sphenopteridium germanicum and description of its globose-stem growth habit. Review of Palaeobotany and Palynology, 2022, 298, 104591. | 1.5 | 3 |
| 60 | A treasure trove of peculiar Permian plant fossils. Palaontologische Zeitschrift, 2020, 94, 409-412. | 1.6 | 2 |
| 61 | Saportaea Fontaine et White 1880 â€“ An enigmatic, long-ranging, widely distributed but rare type of late Paleozoic and early Mesozoic foliage. Review of Palaeobotany and Palynology, 2022, 296, 104542. | 1.5 | 2 |
| 62 | Rhabdotaenia â€“ a typical Gondwanan leaf from the upper Permian of Jordan. Alcheringa, 0, , 1-9. | 1.2 | 1 |
| 63 | Plant Fossils from the Pennsylvanianâ€“Permian Transition in Western Pangea, Abo Pass, New Mexico. Smithsonian Contributions To Paleobiology, 2017, , 2-40. | 1.0 | 0 |