

# Paul Kenrick

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

5,083  
citations

201674

27  
h-index

214800

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

4873  
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin and early evolution of plants on land. <i>Nature</i> , 1997, 389, 33-39.	27.8	1,260
2	The timescale of early land plant evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2274-E2283.	7.1	654
3	The Interrelationships of Land Plants and the Nature of the Ancestral Embryophyte. <i>Current Biology</i> , 2018, 28, 733-745.e2.	3.9	398
4	EARLY EVOLUTION OF LAND PLANTS: Phylogeny, Physiology, and Ecology of the Primary Terrestrial Radiation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1998, 29, 263-292.	6.7	292
5	A timeline for terrestrialization: consequences for the carbon cycle in the Palaeozoic. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 519-536.	4.0	227
6	The origin and evolution of mycorrhizal symbioses: from palaeomycology to phylogenomics. <i>New Phytologist</i> , 2018, 220, 1012-1030.	7.3	206
7	The Origin and Early Evolution of Roots. <i>Plant Physiology</i> , 2014, 166, 570-580.	4.8	201
8	Fungal associations in <i>Horneophyton ligneri</i> from the Rhynie chert (407 million year old) closely resemble those in extant lower land plants: novel insights into ancestral plant-fungus symbioses. <i>New Phytologist</i> , 2014, 203, 964-979.	7.3	175
9	Water-Conducting Cells in Early Fossil Land Plants: Implications for the Early Evolution of Tracheophytes. <i>Botanical Gazette</i> , 1991, 152, 335-356.	0.6	134
10	Cryptospores and cryptophytes reveal hidden diversity in early land floras. <i>New Phytologist</i> , 2014, 202, 50-78.	7.3	123
11	Evolution of Lycopodiaceae (Lycopsidea): Estimating Divergence Times from rbcL Gene Sequences by Use of Nonparametric Rate Smoothing. <i>Molecular Phylogenetics and Evolution</i> , 2001, 19, 177-186.	2.7	117
12	Phylogenetic relationships in Selaginellaceae based on RBCL sequences. <i>American Journal of Botany</i> , 2002, 89, 506-517.	1.7	108
13	Phylogeny of Lycopodiaceae (Lycopsidea) and the Relationships of <i>Phylloglossum drummondii</i> Kunze Based on rbcL Sequences. <i>International Journal of Plant Sciences</i> , 1997, 158, 862-871.	1.3	75
14	The anatomy of Lower Devonian <i>Goslingia breconensis</i> Heard based on pyritized axes, with some comments on the permineralization process. <i>Botanical Journal of the Linnean Society</i> , 1988, 97, 95-123.	1.6	73
15	History and contemporary significance of the Rhynie cherts—our earliest preserved terrestrial ecosystem. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160489.	4.0	73
16	Epiphytism and terrestrialization in tropical <i>Huperzia</i> (Lycopodiaceae). <i>Plant Systematics and Evolution</i> , 1999, 218, 221-243.	0.9	65
17	Phylogeny of Selaginellaceae: Evaluation of Generic/Subgeneric Relationships Based on rbcL Gene Sequences. <i>International Journal of Plant Sciences</i> , 1999, 160, 585-594.	1.3	63
18	The relationships of vascular plants. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 847-855.	4.0	56

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19	The earliest wood and its hydraulic properties documented in 407-million-year-old fossils using synchrotron microtomography. <i>Botanical Journal of the Linnean Society</i> , 2014, 175, 423-437.	1.6	56
20	Genomic and fossil windows into the secret lives of the most ancient fungi. <i>Nature Reviews Microbiology</i> , 2020, 18, 717-730.	28.6	56
21	The early evolution of land plants, from fossils to genomics: a commentary on Lang (1937) 'On the plant-remains from the Downtonian of England and Wales'. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140343.	4.0	50
22	Reconstructing trait evolution in plant evolution studies. <i>Current Biology</i> , 2019, 29, R1110-R1118.	3.9	47
23	A Novel Late Devonian (Frasnian) Woody Cladoxylopsid from China. <i>International Journal of Plant Sciences</i> , 2003, 164, 793-805.	1.3	40
24	Mineral weathering and soil development in the earliest land plant ecosystems. <i>Geology</i> , 2016, 44, 1007-1010.	4.4	39
25	Piecing together the eophytes: a new group of ancient plants containing cryptospores. <i>New Phytologist</i> , 2022, 233, 1440-1455.	7.3	35
26	Fungal colonization of the rooting system of the early land plant <i>Asteroxylon mackiei</i> from the 407-Myr-old Rhynie Chert (Scotland, UK). <i>Botanical Journal of the Linnean Society</i> , 2015, 179, 201-213.	1.6	32
27	An Early Cretaceous root-climbing epiphyte (Lindsaeaceae) and its significance for calibrating the diversification of polypodiaceous ferns. <i>Review of Palaeobotany and Palynology</i> , 2001, 115, 33-41.	1.5	31
28	New insights into the evolutionary history of Fungi from a 407 Ma Blastocladiomycota fossil showing a complex hyphal thallus. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160502.	4.0	29
29	Changing expressions: a hypothesis for the origin of the vascular plant life cycle. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170149.	4.0	27
30	Climate, decay, and the death of the coal forests. <i>Current Biology</i> , 2016, 26, R563-R567.	3.9	25
31	How land plant life cycles first evolved. <i>Science</i> , 2017, 358, 1538-1539.	12.6	24
32	A New Chytridiomycete Fungus Intermixed with Crustacean Resting Eggs in a 407-Million-Year-Old Continental Freshwater Environment. <i>PLoS ONE</i> , 2016, 11, e0167301.	2.5	20
33	<i>Chaetocladus gracilis</i> n. sp., a non-calcified Dasycladales from the Upper Silurian of Skåne, Sweden. <i>Review of Palaeobotany and Palynology</i> , 2006, 142, 153-160.	1.5	19
34	The Rhynie chert. <i>Current Biology</i> , 2019, 29, R1218-R1223.	3.9	19
35	Testate Amoebae in the 407-Million-Year-Old Rhynie Chert. <i>Current Biology</i> , 2019, 29, 461-467.e2.	3.9	18
36	Cryptogamic ground covers as analogues for early terrestrial biospheres: Initiation and evolution of biologically mediated proto-soils. <i>Geobiology</i> , 2021, 19, 292-306.	2.4	17

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37	Biologically mediated weathering in modern cryptogamic ground covers and the early Paleozoic fossil record. <i>Journal of the Geological Society</i> , 2019, 176, 430-439.	2.1	16
38	Earliest record of transfer cells in Lower Devonian plants. <i>New Phytologist</i> , 2022, 233, 1456-1465.	7.3	16
39	Reply to Hedges et al.: Accurate timetrees do indeed require accurate calibrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9512-E9513.	7.1	15
40	An early, non-calcified, dasycladalean alga from the Lower Devonian of Yunnan Province, China. <i>Review of Palaeobotany and Palynology</i> , 1998, 100, 73-88.	1.5	13
41	Semblant Land Plants from the Middle Ordovician of the Prague Basin Reinterpreted as Animals. <i>Palaeontology</i> , 1999, 42, 991-1002.	2.2	13
42	Timescales and timetrees. <i>New Phytologist</i> , 2011, 192, 3-6.	7.3	7
43	The overlooked aquatic green algal component of early terrestrial environments: <i>Triskelia scotlandica</i> gen. et sp. nov. from the Rhynie cherts. <i>Papers in Palaeontology</i> , 2021, 7, 709-719.	1.5	6
44	Plants and palynomorphs from the Lower Devonian (upper Emsian) of the Holy Cross Mountains, Poland. <i>Review of Palaeobotany and Palynology</i> , 2022, 302, 104666.	1.5	4
45	Blue stain fungi infecting an 84-million-year-old conifer from South Africa. <i>New Phytologist</i> , 2022, 233, 1032-1037.	7.3	3
46	An expanded diversity of oomycetes in Carboniferous forests: Reinterpretation of <i>Oochytrium lepidodendri</i> (Renault 1894) from the Esnost chert, Massif Central, France. <i>PLoS ONE</i> , 2021, 16, e0247849.	2.5	1
47	Thomas Norwood Taylor (1938–2016). <i>Mycologia</i> , 2018, 110, 448-452.	1.9	0