Cindy V Looy

List of Publications by Year
in descending order

42 papers	2,066 citations	331670 21 h-index	315739 38 g-index
45 all docs	45 docs citations	45 times ranked	2223 citing authors

#	Article	IF	Citations
1	A tale of two Tweefonteins: What physical correlation, geochronology, magnetic polarity stratigraphy, and palynology reveal about the end-Permian terrestrial extinction paradigm in South Africa. Bulletin of the Geological Society of America, 2022, 134, 691-721.	3.3	11
2	Fossilized pollen malformations as indicators of past environmental stress and meiotic disruption: insights from modern conifers. Paleobiology, 2022, 48, 677-710.	2.0	8
3	Evidence of a Continuous Continental Permian-Triassic Boundary Section in western Equatorial Pangea, Palo Duro Basin, Northwest Texas, U.S.A.. Frontiers in Earth Science, 2022, 9, .	1.8	2
4	Late quaternary biotic homogenization of North American mammalian faunas. Nature Communications, 2022, 13, .	12.8	7
5	Body massâ€related changes in mammal community assembly patterns during the late Quaternary of North America. Ecography, 2021, 44, 56-66.	4.5	7
6	Investigating Biotic Interactions in Deep Time. Trends in Ecology and Evolution, 2021, 36, 61-75.	8.7	26
7	Modeled physiological mechanisms for observed changes in the late Paleozoic plant fossil record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 110056.	2.3	13
8	The Pennsylvanian System in the Sacramento Mountains, New Mexico, USA. Smithsonian Contributions To Paleobiology, 2021, , iv-215.	1.0	3
9	Inferring the Total-Evidence Timescale of Marattialean Fern Evolution in the Face of Model Sensitivity. Systematic Biology, 2021, 70, 1232-1255.	5.6	25
10	The environmental implications of upper Paleozoic plant-fossil assemblages with mixtures of wetland and drought-tolerant taxa in tropical Pangea. Geobios, 2021, 68, 1-45.	1.4	30
11	Voltzian Conifers of the South Ash Pasture Flora (Guadalupian, Texas): Johniphyllum multinerve gen. et sp. nov., Pseudovoltzia sapflorensis sp. nov., and Wantus acaulis gen. et sp. nov.. International Journal of Plant Sciences, 2020, 181, 363-385.	1.3	18
12	The base of the Lystrosaurus Assemblage Zone, Karoo Basin, predates the end-Permian marine extinction. Nature Communications, 2020, 11, 1428.	12.8	82
13	Influence of temporally varying weatherability on CO₂-climate coupling and ecosystem change in the late Paleozoic. Climate of the Past, 2020, 16, 1759-1775.	3.4	66
14	TESTING THE DAPTOCEPHALUS AND LYSTROSAURUS ASSEMBLAGE ZONES IN A LITHOSTRATOGRAPHIC, MAGNETOSTRATIGRAPHIC, AND PALYNOLOGICAL FRAMEWORK IN THE FREE STATE, SOUTH AFRICA. Palaios, 2019, 34, 542-561.	1.3	13
15	Paleoecological and paleoenvironmental interpretation of three successive macrofloras and palynofloras from the Kola Switch locality, lower Permian (Archer City Formation, Bowie Group) of Clay County, Texas, USA. Palaontologische Zeitschrift, 2019, 93, 423-451.	1.6	8
16	Paleoecological and paleoenvironmental interpretation of three successive macrofloras and palynofloras from the Kola Switch locality, lower Permian (Archer City Formation, Bowie Group) of Clay County, Texas, USA. Palaontologische Zeitschrift, 2019, 93, 423-451.	1.6	0
17	UV-Bâ€“induced forest sterility: Implications of ozone shield failure in Earthâ€™s largest extinction. Science Advances, 2018, 4, e1700618.	10.3	76
18	Lower Permian Flora of the Sanzenbacher Ranch, Clay County, Texas. , 2018, , 95-126.		4

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19	Conifer diversity in the Kungurian of Europeâ€"Evidence from dwarf-shoot morphology. Review of Palaeobotany and Palynology, 2017, 244, 308-315.	1.5	18
20	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. Science, 2017, 355, .	12.6	260
21	PALEONTOLOGY OF THE BLAAUWATER 67 AND 65 FARMS, SOUTH AFRICA: TESTING THE DAPTOCEPHALUS/LYSTROSAURUS BIOZONE BOUNDARY IN A STRATIGRAPHIC FRAMEWORK. Palaios, 2017, 32, 349-366.	1.3	34
22	Lyons et al. reply. Nature, 2016, 537, E5-E6.	27.8	0
23	Lyons et al. reply. Nature, 2016, 538, E3-E4.	27.8	1
24	Holocene shifts in the assembly of plant and animal communities implicate human impacts. Nature, 2016, 529, 80-83.	27.8	147
25	Biological and physical evidence for extreme seasonality in central Permian Pangea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 451, 210-226.	2.3	21
26	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
27	Is the vertebrate-defined Permian-Triassic boundary in the Karoo Basin, South Africa, the terrestrial expression of the end-Permian marine event?. Geology, 2015, 43, 939-942.	4.4	112
28	When conifers took flight: a biomechanical evaluation of an imperfect evolutionary takeoff. Paleobiology, 2015, 41, 205-225.	2.0	21
29	A framework for evaluating the influence of climate, dispersal limitation, and biotic interactions using fossil pollen associations across the late Quaternary. Ecography, 2014, 37, 1095-1108.	4.5	57
30	Earliest Occurrence of Autorotating Seeds in Conifers: The Permian (Kungurian-Roadian)Manifera talarisgen. et sp. nov.. International Journal of Plant Sciences, 2014, 175, 841-854.	1.3	26
31	Spatiotemporal relationships among Late Pennsylvanian plant assemblages: Palynological evidence from the Markley Formation, West Texas, U.S.A.. Review of Palaeobotany and Palynology, 2014, 211, 10-27.	1.5	31
32	ï¿§The late Paleozoic ecologicalâ€"evolutionary laboratory, and land-plant fossil record perspective. The Sedimentary Record, 2014, 12, 4-10.	0.6	70
33	Evidence for coal forest refugia in the seasonally dry Pennsylvanian tropical lowlands of the Illinois Basin, USA. PeerJ, 2014, 2, e630.	2.0	17
34	Natural history of a plant trait: branch-system abscission in Paleozoic conifers and its environmental, autecological, and ecosystem implications in a fire-prone world. Paleobiology, 2013, 39, 235-252.	2.0	29
35	An autochthonous glossopterid flora with latest Permian palynomorphs and its depositional setting in the Dicynodon Assemblage Zone of the southern Karoo Basin, South Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 292, 391-408.	2.3	62
36	Incised channel fills containing conifers indicate that seasonally dry vegetation dominated Pennsylvanian tropical lowlands. Geology, 2009, 37, 923-926.	4.4	112

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37	Extending the Range of Derived Late Paleozoic Conifers: Lebowskia gen. nov. (Majonicaceae). International Journal of Plant Sciences, 2007, 168, 957-972.	1.3	59
38	A low diversity, seasonal tropical landscape dominated by conifers and peltasperms: Early Permian Abo Formation, New Mexico. Review of Palaeobotany and Palynology, 2007, 145, 249-273.	1.5	31
39	Environmental mutagenesis during the end-Permian ecological crisis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12952-12956.	7.1	208
40	Rapid and synchronous collapse of marine and terrestrial ecosystems during the end-Permian biotic crisis. Geology, 2001, 29, 351.	4.4	297
41	Aspects of Permian palaeobotany and palynology. XVII. Conifer extinction in Europe at the Permian-Triassic junction: Morphology, ultrastructure and geographic/stratigraphic distribution of Nuskoisporites dulhuntyi (prepollen of Ortiseia, Walchiaceae). Review of Palaeobotany and Palynology, 1997, 97, 9-39.	1.5	28
42	Report on ICDP Deep Dust workshops: probing continental climate of the late Paleozoic icehouseâ€“greenhouse transition and beyond. Scientific Drilling, 0, 28, 93-112.	0.6	4