

# Sofie Lindström

## List of Publications by Citations

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42  
papers

1,383  
citations

20  
h-index

37  
g-index

52  
ext. papers

1,601  
ext. citations

4.1  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
42	Floral changes across the Triassic/Jurassic boundary linked to flood basalt volcanism. <i>Nature Geoscience</i> , <b>2009</b> , 2, 589-594	18.3	178
41	Gondwanan floristic and sedimentological trends during the Permian-Triassic transition: new evidence from the Amery Group, northern Prince Charles Mountains, East Antarctica. <i>Antarctic Science</i> , <b>1997</b> , 9, 281-298	1.7	116
40	Synchronous palynofloristic extinction and recovery after the end-Permian event in the Prince Charles Mountains, Antarctica: Implications for palynofloristic turnover across Gondwana. <i>Review of Palaeobotany and Palynology</i> , <b>2007</b> , 145, 89-122	1.7	97
39	A new correlation of Triassic-Jurassic boundary successions in NW Europe, Nevada and Peru, and the Central Atlantic Magmatic Province: A time-line for the end-Triassic mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 478, 80-102	2.9	73
38	Hydrogen sulphide poisoning of shallow seas following the end-Triassic extinction. <i>Nature Geoscience</i> , <b>2012</b> , 5, 662-667	18.3	73
37	No causal link between terrestrial ecosystem change and methane release during the end-Triassic mass extinction. <i>Geology</i> , <b>2012</b> , 40, 531-534	5	57
36	Intraspecific Variation of Taeniate Bisaccate Pollen Within Permian Glossopterid Sporangia, from the Prince Charles Mountains, Antarctica. <i>International Journal of Plant Sciences</i> , <b>1997</b> , 158, 673-684	2.6	57
35	Synchronous wildfire activity rise and mire deforestation at the triassic-jurassic boundary. <i>PLoS ONE</i> , <b>2012</b> , 7, e47236	3.7	54
34	Early Permian palynostratigraphy of the northern Heimefrontfjella mountain-range, Dronning Maud Land, Antarctica. <i>Review of Palaeobotany and Palynology</i> , <b>1995</b> , 89, 359-415	1.7	52
33	The late Rhaetian transgression in southern Sweden: Regional (and global) recognition and relation to the Triassic-Jurassic boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2006</b> , 241, 339-372	2.9	50
32	Extreme ecosystem instability suppressed tropical dinosaur dominance for 30 million years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 7909-13	11.5	47
31	Intense and widespread seismicity during the end-Triassic mass extinction due to emplacement of a large igneous province. <i>Geology</i> , <b>2015</b> , 43, 387-390	5	44
30	Volcanic mercury and mutagenesis in land plants during the end-Triassic mass extinction. <i>Science Advances</i> , <b>2019</b> , 5, eaaw4018	14.3	41
29	A major sea-level drop briefly precedes the Toarcian oceanic anoxic event: implication for Early Jurassic climate and carbon cycle. <i>Scientific Reports</i> , <b>2019</b> , 9, 12518	4.9	39
28	Palynofloral patterns of terrestrial ecosystem change during the end-Triassic event – a review. <i>Geological Magazine</i> , <b>2016</b> , 153, 223-251	2	34
27	Palynology and terrestrial ecosystem change of the Middle Triassic to lowermost Jurassic succession of the eastern Danish Basin. <i>Review of Palaeobotany and Palynology</i> , <b>2017</b> , 244, 65-95	1.7	31
26	Composition, peat-forming vegetation and kerogen paraffinicity of Cenozoic coals: Relationship to variations in the petroleum generation potential (Hydrogen Index). <i>International Journal of Coal Geology</i> , <b>2009</b> , 78, 119-134	5.5	31

25	Late Permian palynology of Fossilryggen, Vestfjella, Dronning Maud Land, Antarctica. <i>Palynology</i> , <b>1996</b> , 20, 15-48	1.5	26
24	Palynology of the upper Chinle Formation in northern New Mexico, U.S.A.: Implications for biostratigraphy and terrestrial ecosystem change during the Late Triassic (Norian/Rhaetian). <i>Review of Palaeobotany and Palynology</i> , <b>2016</b> , 225, 106-131	1.7	24
23	Early Late Permian palynostratigraphy and palaeo-biogeography of Vestfjella, Dronning Maud Land, Antarctica. <i>Review of Palaeobotany and Palynology</i> , <b>1995</b> , 86, 157-173	1.7	22
22	Permian plant macrofossils from Fossilryggen, Vestfjella, Dronning Maud Land. <i>Antarctic Science</i> , <b>2005</b> , 17, 73-86	1.7	20
21	Tracing volcanic emissions from the Central Atlantic Magmatic Province in the sedimentary record. <i>Earth-Science Reviews</i> , <b>2021</b> , 212, 103444	10.2	20
20	A Middle/Upper Miocene fluvial/lacustrine rift sequence in the Song Ba Rift, Vietnam: an analogue to oil-prone, small-scale continental rift basins. <i>Petroleum Geoscience</i> , <b>2007</b> , 13, 145-168	1.9	19
19	The Jurassic/Cretaceous transition of the Fårup-1 core, southern Sweden: Sedimentological and phytological indications of climate change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2011</b> , 308, 445-475	2.9	18
18	An Early Permian palynoflora from Milorgfjella, Dronning Maud Land, Antarctica. <i>Antarctic Science</i> , <b>1990</b> , 2, 331-344	1.7	18
17	Deposition, floral composition and sequence stratigraphy of uppermost Triassic (Rhaetian) coastal coals, southern Sweden. <i>International Journal of Coal Geology</i> , <b>2013</b> , 116-117, 117-134	5.5	17
16	Mantle Dynamics of the Central Atlantic Magmatic Province (CAMP): Constraints from Platinum Group, Gold and Lithophile Elements in Flood Basalts of Morocco. <i>Journal of Petrology</i> , <b>2019</b> , 60, 1621-1652	3.0	16
15	Theropod dinosaur teeth from the lowermost Cretaceous Rabekke Formation on Bornholm, Denmark. <i>Geobios</i> , <b>2008</b> , 41, 253-262	1.5	16
14	Catastrophic soil loss associated with end-Triassic deforestation. <i>Earth-Science Reviews</i> , <b>2020</b> , 210, 103330.2	3.2	14
13	Groundwater table fluctuations recorded in zonation of microbial siderites from end-Triassic strata. <i>Sedimentary Geology</i> , <b>2016</b> , 342, 47-65	2.8	13
12	Palaeoecology of the Early Permian strata at Heimefrontfjella, Dronning Maud Land, Antarctica. <i>Antarctic Science</i> , <b>1994</b> , 6, 507-515	1.7	9
11	The Smithian/Spathian boundary in North Greenland: implications for extreme global climate changes. <i>Geological Magazine</i> , <b>2020</b> , 157, 1547-1567	2	9
10	Platinum-group elements link the end-Triassic mass extinction and the Central Atlantic Magmatic Province. <i>Scientific Reports</i> , <b>2020</b> , 10, 3482	4.9	8
9	Lunomidinium scaniense Lindström, gen. et sp. nov., a new suessiacean dinoflagellate cyst from the Rhaetian of Scania, southern Sweden. <i>Review of Palaeobotany and Palynology</i> , <b>2002</b> , 120, 247-261	1.7	8
8	An Early Jurassic age for the Puchezh-Katunki impact structure (Russia) based on <sup>40</sup> Ar/ <sup>39</sup> Ar data and palynology. <i>Meteoritics and Planetary Science</i> , <b>2019</b> , 54, 1764-1780	2.8	7

7	Palynology of Permian shale, clay and sandstone clasts from the Basen till in northern Vestfjella, Dronning Maud Land. <i>Antarctic Science</i> , <b>2005</b> , 17, 87-96	1.7	7
6	Dehydroicetexanes in sediments and crude oils: Possible markers for Cupressoideae. <i>Organic Geochemistry</i> , <b>2019</b> , 129, 14-23	3.1	5
5	A review of the enigmatic microalga Tetranguladinium Yu et al. 1983 ex Chen et al. 1988; palaeoecology, stratigraphy and palaeogeographical distribution. <i>Palynology</i> , <b>2013</b> , 37, 48-61	1.5	4
4	Two-phased Mass Rarity and Extinction in Land Plants During the End-Triassic Climate Crisis. <i>Frontiers in Earth Science</i> , <b>2021</b> , 9,	3.5	2
3	Shocked quartz in distal ejecta from the Ries impact event (Germany) found at ~ 180km distance, near Bernhardzell, eastern Switzerland. <i>Scientific Reports</i> , <b>2021</b> , 11, 7438	4.9	2
2	The Mesozoic Arctic: warm, green, and highly diverse. <i>Geological Magazine</i> , <b>2020</b> , 157, 1543-1546	2	0
1	Provenance of the Phuquoc Basin fill, southern Indochina: Implication for Early Cretaceous drainage patterns and basin configuration in Southeast Asia. <i>Gondwana Research</i> , <b>2021</b> , 98, 166-190	5.1	0