

Johan Lindgren

List of Publications by Year in descending order

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56
papers

1,666
citations

304743

22
h-index

302126

39
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all docs

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docs citations

57
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniaturization during a Silurian environmental crisis generated the modern brittle star body plan. <i>Communications Biology</i> , 2022, 5, 14.	4.4	4
2	Preservation and Taphonomy of Fossil Insects from the Earliest Eocene of Denmark. <i>Biology</i> , 2022, 11, 395.	2.8	7
3	A review of ichthyosaur (Reptilia, Ichthyopterygia) soft tissues with implications for life reconstructions. <i>Earth-Science Reviews</i> , 2022, 226, 103965.	9.1	7
4	A fossil sea turtle (Reptilia, Pan-Cheloniidae) with preserved soft tissues from the Eocene Fur Formation of Denmark. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	1.0	4
5	Crypsis in the pelagic realm: evidence from exceptionally preserved fossil fish larvae from the Eocene Stolleklint Clay of Denmark. <i>Palaeontology</i> , 2021, 64, 805.	2.2	6
6	Chemical Evaluation of Eumelanin Maturation by ToF-SIMS and Alkaline Peroxide Oxidation HPLC Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 161.	4.1	8
7	A polar dinosaur feather assemblage from Australia. <i>Gondwana Research</i> , 2020, 80, 1-11.	6.0	13
8	The fossil alga <i>Chaetocladus gracilis</i> revisited: new material from the Silurian of Sweden. <i>Gff</i> , 2020, 142, 304-308.	1.2	2
9	Morphological and phylogenetic aspects of the dentition of <i>Megacephalosaurus eulerti</i> , a pliosaurid from the Turonian of Kansas, USA, with remarks on the cranial anatomy of the taxon. <i>Geological Magazine</i> , 2019, 156, 1201-1216.	1.5	22
10	Fossil insect eyes shed light on trilobite optics and the arthropod pigment screen. <i>Nature</i> , 2019, 573, 122-125.	27.8	26
11	Multi-proxy analyses of Late Cretaceous coprolites from Germany. <i>Lethaia</i> , 2019, 52, 550-569.	1.4	8
12	A global perspective on Mesozoic marine amniotes. <i>Alcheringa</i> , 2018, 42, 457-460.	1.2	1
13	Preservation potential of keratin in deep time. <i>PLoS ONE</i> , 2018, 13, e0206569.	2.5	16
14	Soft-tissue evidence for homeothermy and crypsis in a Jurassic ichthyosaur. <i>Nature</i> , 2018, 564, 359-365.	27.8	81
15	Biochemistry and adaptive colouration of an exceptionally preserved juvenile fossil sea turtle. <i>Scientific Reports</i> , 2017, 7, 13324.	3.3	36
16	Molecular and microstructural inventory of an isolated fossil bird feather from the Eocene Fur Formation of Denmark. <i>Palaeontology</i> , 2017, 60, 73-90.	2.2	16
17	Exceptionally prolonged tooth formation in elasmosaurid plesiosaurians. <i>PLoS ONE</i> , 2017, 12, e0172759.	2.5	22
18	An introduction to the Mesozoic biotas of Scandinavia and its Arctic territories. <i>Geological Society Special Publication</i> , 2016, 434, 1-14.	1.3	6

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19	Fossil pigments. <i>Current Biology</i> , 2016, 26, R451-R452.	3.9	3
20	Late Cretaceous dinosaurian remains from the Kristianstad Basin of southern Sweden. <i>Geological Society Special Publication</i> , 2016, 434, 231-239.	1.3	6
21	A partial plesiosaurian braincase from the Upper Cretaceous of Sweden. <i>Geological Society Special Publication</i> , 2016, 434, 293-301.	1.3	12
22	Molecular composition and ultrastructure of Jurassic paravian feathers. <i>Scientific Reports</i> , 2015, 5, 13520.	3.3	42
23	Melanosomes and ancient coloration re-examined: A response to Vinther 2015 (DOI) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58	2.5	22
24	Interpreting melanin-based coloration through deep time: a critical review. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150614.	2.6	60
25	Dental histology of mosasaurs and a marine crocodylian from the Campanian (Upper Cretaceous) of southern Sweden: incremental growth lines and dentine formation rates. <i>Geological Magazine</i> , 2014, 151, 134-143.	1.5	9
26	Skin pigmentation provides evidence of convergent melanism in extinct marine reptiles. <i>Nature</i> , 2014, 506, 484-488.	27.8	111
27	Occurrence and fate of fatty acyl biomarkers in an ancient whale bone (Oligocene, El Cien Formation,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58	1.8	17
28	Soft tissue preservation in a fossil marine lizard with a bilobed tail fin. <i>Nature Communications</i> , 2013, 4, 2423.	12.8	39
29	Food resources and habitat selection of a diverse vertebrate fauna from the upper lower Campanian of the Kristianstad Basin, southern Sweden. <i>Cretaceous Research</i> , 2013, 42, 85-92.	1.4	25
30	Aquatic adaptation, cranial kinesis, and the skull of the mosasaurine mosasaur <i>Plotosaurus bennisoni</i> . <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 349-362.	1.0	16
31	Mid-Cretaceous <i>Cretoxyrhina</i> (Elasmobranchii) from Mangyshlak, Kazakhstan and Texas, USA. <i>Alcheringa</i> , 2013, 37, 87-104.	1.2	14
32	Microanatomical and Histological Features in the Long Bones of Mosasaurine Mosasaurs (Reptilia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58	2.5	42
33	Molecular preservation of the pigment melanin in fossil melanosomes. <i>Nature Communications</i> , 2012, 3, 824.	12.8	110
34	<i>Platecarpus tympaniticus</i> (Squamata, Mosasauridae): osteology of an exceptionally preserved specimen and its insights into the acquisition of a streamlined body shape in mosasaurs. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 1313-1327.	1.0	28
35	Description of new specimens of <i>Halisaurus arambourgi</i> Bardet & Pereda Suberbiola, 2005 and the relationships of Halisaurinae. <i>Bulletin - Societe Geologique De France</i> , 2012, 183, 123-136.	2.2	20
36	Microspectroscopic Evidence of Cretaceous Bone Proteins. <i>PLoS ONE</i> , 2011, 6, e19445.	2.5	49

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37	Coprolite morphotypes from the Upper Cretaceous of Sweden: novel views on an ancient ecosystem and implications for coprolite taphonomy. <i>Lethaia</i> , 2011, 44, 455-468.	1.4	68
38	Landlubbers to leviathans: evolution of swimming in mosasaurine mosasaurs. <i>Paleobiology</i> , 2011, 37, 445-469.	2.0	41
39	Three-Dimensionally Preserved Integument Reveals Hydrodynamic Adaptations in the Extinct Marine Lizard <i>Ectenosaurus</i> (Reptilia, Mosasauridae). <i>PLoS ONE</i> , 2011, 6, e27343.	2.5	17
40	New material of <i>Prognathodon</i> (Squamata: Mosasauridae), and the mosasaur assemblage of the Maastrichtian of California, U.S.A.. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 1632-1636.	1.0	11
41	Convergent Evolution in Aquatic Tetrapods: Insights from an Exceptional Fossil Mosasaur. <i>PLoS ONE</i> , 2010, 5, e11998.	2.5	76
42	Mesozoic marine tetrapod diversity: mass extinctions and temporal heterogeneity in geological megabiases affecting vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 829-834.	2.6	170
43	Mosasaur bite marks on a plesiosaur propodial from the Campanian (Late Cretaceous) of southern Sweden. <i>Gff</i> , 2010, 132, 123-128.	1.2	17
44	Skin of the Cretaceous mosasaur <i>Plotosaurus</i> : implications for aquatic adaptations in giant marine reptiles. <i>Biology Letters</i> , 2009, 5, 528-531.	2.3	23
45	Cranial osteology of the giant mosasaur <i>Plesiotylosaurus</i> (Squamata, Mosasauridae). <i>Journal of Paleontology</i> , 2009, 83, 448-456.	0.8	9
46	Lower Cretaceous Mesoeucrocodylians from Scandinavia (Denmark and Sweden). <i>Cretaceous Research</i> , 2009, 30, 1345-1355.	1.4	40
47	Theropod dinosaur teeth from the lowermost Cretaceous Rabekke Formation on Bornholm, Denmark. <i>Geobios</i> , 2008, 41, 253-262.	1.4	19
48	New data on the postcranial anatomy of the California mosasaur <i>Plotosaurus bennisoni</i> (Camp.) <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 1043-1054.	1.0	31
49	A fishy mosasaur: the axial skeleton of <i>Plotosaurus</i> (Reptilia, Squamata) reassessed. <i>Lethaia</i> , 2007, 40, 153-160.	1.4	59
50	THE FIRST NEOCERATOPSIAN DINOSAUR REMAINS FROM EUROPE. <i>Palaeontology</i> , 2007, 50, 929-937.	2.2	40
51	AQUATIC BIRDS FROM THE UPPER CRETACEOUS (LOWER CAMPANIAN) OF SWEDEN AND THE BIOLOGY AND DISTRIBUTION OF HESPERORNITHIFORMS. <i>Palaeontology</i> , 2005, 48, 1321-1329.	2.2	33
52	Amphibians and small reptiles from the Berriasian Rabekke Formation on Bornholm, Denmark. <i>Gff</i> , 2005, 127, 233-238.	1.2	9
53	Dental and vertebral morphology of the enigmatic mosasaur <i>Dollosaurus</i> (Reptilia, Mosasauridae) from the lower Campanian (Upper Cretaceous) of southern Sweden. <i>Bulletin of the Geological Society of Denmark</i> , 2005, 52, 17-25.	1.1	14
54	Stratigraphical distribution of Campanian and Maastrichtian mosasaurs in Sweden – evidence of an intercontinental marine extinction event?. <i>Gff</i> , 2004, 126, 221-229.	1.2	19

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55	The first Mesozoic mammal from Scandinavia. Gff, 2004, 126, 325-330.	1.2	14
56	<i>Tylosaurus ivoensis</i> : a giant mosasaur from the early Campanian of Sweden. Transactions of the Royal Society of Edinburgh: Earth Sciences, 2002, 93, 73-93.	0.7	46