

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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57
all docs

57
docs citations

57
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Skin pigmentation provides evidence of convergent melanism in extinct marine reptiles. <i>Nature</i> , 2014, 506, 484-488.	27.8	111
3	Molecular preservation of the pigment melanin in fossil melanosomes. <i>Nature Communications</i> , 2012, 3, 824.	12.8	110
4	Soft-tissue evidence for homeothermy and crypsis in a Jurassic ichthyosaur. <i>Nature</i> , 2018, 564, 359-365.	27.8	81
5	Convergent Evolution in Aquatic Tetrapods: Insights from an Exceptional Fossil Mosasaur. <i>PLoS ONE</i> , 2010, 5, e11998.	2.5	76
6	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
7	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
8	A fishy mosasaur: the axial skeleton of <i>Plotosaurus</i> (Reptilia, Squamata) reassessed. <i>Lethaia</i> , 2007, 40, 153-160.	1.4	59
9	Microspectroscopic Evidence of Cretaceous Bone Proteins. <i>PLoS ONE</i> , 2011, 6, e19445.	2.5	49
10	<i>Tylosaurus ivoensis</i> : a giant mosasaur from the early Campanian of Sweden. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2002, 93, 73-93.	0.7	46
11	Microanatomical and Histological Features in the Long Bones of Mosasaurine Mosasaurs (Reptilia.) <i>Tj ETQq1 1 0.784314 rgBT/Overlock</i>	2.5	42
12	Molecular composition and ultrastructure of Jurassic paravian feathers. <i>Scientific Reports</i> , 2015, 5, 13520.	3.3	42
13	Landlubbers to leviathans: evolution of swimming in mosasaurine mosasaurs. <i>Paleobiology</i> , 2011, 37, 445-469.	2.0	41
14	THE FIRST NEOCERATOPSIAN DINOSAUR REMAINS FROM EUROPE. <i>Palaeontology</i> , 2007, 50, 929-937.	2.2	40
15	Lower Cretaceous Mesoeucrocodylians from Scandinavia (Denmark and Sweden). <i>Cretaceous Research</i> , 2009, 30, 1345-1355.	1.4	40
16	Soft tissue preservation in a fossil marine lizard with a bilobed tail fin. <i>Nature Communications</i> , 2013, 4, 2423.	12.8	39
17	Biochemistry and adaptive colouration of an exceptionally preserved juvenile fossil sea turtle. <i>Scientific Reports</i> , 2017, 7, 13324.	3.3	36
18	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

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19	New data on the postcranial anatomy of the California mosasaur <i>Plotosaurus bennisoni</i> (Camp.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542 Td (10 Journal of Vertebrate Paleontology, 2008, 28, 1043-1054.	1.0	31
20	<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. Journal of Vertebrate Paleontology, 2012, 32, 1313-1327.	1.0	28
21	Fossil insect eyes shed light on trilobite optics and the arthropod pigment screen. Nature, 2019, 573, 122-125.	27.8	26
22	Food resources and habitat selection of a diverse vertebrate fauna from the upper lower Campanian of the Kristianstad Basin, southern Sweden. Cretaceous Research, 2013, 42, 85-92.	1.4	25
23	Skin of the Cretaceous mosasaur <i>Plotosaurus</i> : implications for aquatic adaptations in giant marine reptiles. Biology Letters, 2009, 5, 528-531.	2.3	23
24	Melanosomes and ancient coloration re-examined: A response to Vinther 2015 (DOI) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (10	2.5	22
25	Exceptionally prolonged tooth formation in elasmosaurid plesiosaurians. PLoS ONE, 2017, 12, e0172759.	2.5	22
26	Morphological and phylogenetic aspects of the dentition of <i>Megacephalosaurus eulerti</i> , a plesiosaurid from the Turonian of Kansas, USA, with remarks on the cranial anatomy of the taxon. Geological Magazine, 2019, 156, 1201-1216.	1.5	22
27	Description of new specimens of <i>Halisaurus arambourgi</i> Bardet & Pereda Suberbiola, 2005 and the relationships of Halisaurinae. Bulletin - Societe Geologique De France, 2012, 183, 123-136.	2.2	20
28	Stratigraphical distribution of Campanian and Maastrichtian mosasaurs in Sweden – evidence of an intercontinental marine extinction event?. Gff, 2004, 126, 221-229.	1.2	19
29	Theropod dinosaur teeth from the lowermost Cretaceous Rabekke Formation on Bornholm, Denmark. Geobios, 2008, 41, 253-262.	1.4	19
30	Mosasaur bite marks on a plesiosaur propodial from the Campanian (Late Cretaceous) of southern Sweden. Gff, 2010, 132, 123-128.	1.2	17
31	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 50 542 Td (10	1.8	17
32	Three-Dimensionally Preserved Integument Reveals Hydrodynamic Adaptations in the Extinct Marine Lizard <i>Ectenosaurus</i> (Reptilia, Mosasauridae). PLoS ONE, 2011, 6, e27343.	2.5	17
33	Aquatic adaptation, cranial kinesis, and the skull of the mosasaurine mosasaur <i>Plotosaurus bennisoni</i> . Journal of Vertebrate Paleontology, 2013, 33, 349-362.	1.0	16
34	Molecular and microstructural inventory of an isolated fossil bird feather from the Eocene Fur Formation of Denmark. Palaeontology, 2017, 60, 73-90.	2.2	16
35	Preservation potential of keratin in deep time. PLoS ONE, 2018, 13, e0206569.	2.5	16
36	The first Mesozoic mammal from Scandinavia. Gff, 2004, 126, 325-330.	1.2	14

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37	Mid-Cretaceous <i>Cretoxyrhina</i> (Elasmobranchii) from Mangyshlak, Kazakhstan and Texas, USA. <i>Alcheringa</i> , 2013, 37, 87-104.	1.2	14
38	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
39	A polar dinosaur feather assemblage from Australia. <i>Gondwana Research</i> , 2020, 80, 1-11.	6.0	13
40	A partial plesiosaurian braincase from the Upper Cretaceous of Sweden. <i>Geological Society Special Publication</i> , 2016, 434, 293-301.	1.3	12
41	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
42	Amphibians and small reptiles from the Berriasian Rabekke Formation on Bornholm, Denmark. <i>Gff</i> , 2005, 127, 233-238.	1.2	9
43	Cranial osteology of the giant mosasaur <i>Plesiotylosaurus</i> (Squamata, Mosasauridae). <i>Journal of Paleontology</i> , 2009, 83, 448-456.	0.8	9
44	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
45	Multi-proxy analyses of Late Cretaceous coprolites from Germany. <i>Lethaia</i> , 2019, 52, 550-569.	1.4	8
46	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
47	Preservation and Taphonomy of Fossil Insects from the Earliest Eocene of Denmark. <i>Biology</i> , 2022, 11, 395.	2.8	7
48	A review of ichthyosaur (Reptilia, Ichthyopterygia) soft tissues with implications for life reconstructions. <i>Earth-Science Reviews</i> , 2022, 226, 103965.	9.1	7
49	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
50	Late Cretaceous dinosaurian remains from the Kristianstad Basin of southern Sweden. <i>Geological Society Special Publication</i> , 2016, 434, 231-239.	1.3	6
51	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
52	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
53	Miniaturization during a Silurian environmental crisis generated the modern brittle star body plan. <i>Communications Biology</i> , 2022, 5, 14.	4.4	4
54	Fossil pigments. <i>Current Biology</i> , 2016, 26, R451-R452.	3.9	3

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55	The fossil alga <i>Chaetocladus gracilis</i> revisited: new material from the Silurian of Sweden. Gff, 2020, 142, 304-308.	1.2	2
56	A global perspective on Mesozoic marine amniotes. Alcheringa, 2018, 42, 457-460.	1.2	1