

Rolf Soren Jensen

List of Publications by Year in descending order

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63
papers

2,782
citations

257357

24
h-index

182361

51
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63
all docs

63
docs citations

63
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical reappraisal of the fossil record of the bilaterian phyla. <i>Biological Reviews</i> , 2000, 75, 253-295.	4.7	409
2	The Proterozoic and Earliest Cambrian Trace Fossil Record; Patterns, Problems and Perspectives. <i>Integrative and Comparative Biology</i> , 2003, 43, 219-228.	0.9	229
3	Ediacara-type fossils in Cambrian sediments. <i>Nature</i> , 1998, 393, 567-569.	13.7	170
4	Trace fossil preservation and the early evolution of animals. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 220, 19-29.	1.0	155
5	The origin of the animals and a "Savannah" hypothesis for early bilaterian evolution. <i>Biological Reviews</i> , 2017, 92, 446-473.	4.7	150
6	Trace fossils and substrates of the terminal Proterozoic-Cambrian transition: Implications for the record of early bilaterians and sediment mixing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12572-12576.	3.3	146
7	Burrowing below the basal Cambrian GSSP, Fortune Head, Newfoundland. <i>Geological Magazine</i> , 2001, 138, 213-218.	0.9	130
8	Complex trace fossils from the terminal Proterozoic of Namibia. <i>Geology</i> , 2000, 28, 143.	2.0	125
9	Predation by early Cambrian trilobites on infaunal worms - evidence from the Swedish Mickwitzia Sandstone. <i>Lethaia</i> , 1990, 23, 29-42.	0.6	100
10	A Critical Look at the Ediacaran Trace Fossil Record. , 2006, , 115-157.		96
11	A new species of <i>Cloudina</i> from the terminal Ediacaran of Spain. <i>Precambrian Research</i> , 2010, 176, 1-10.	1.2	85
12	When the worm turned: Concordance of Early Cambrian ichnofabric and trace-fossil record in siliciclastic rocks of South Australia. <i>Geology</i> , 1999, 27, 625.	2.0	76
13	A complex trace fossil from the Spitskop Member (terminal Ediacaran "Lower Cambrian) of southern Namibia. <i>Geological Magazine</i> , 2005, 142, 561-569.	0.9	75
14	Tubular compression fossils from the Ediacaran Nama group, Namibia. <i>Journal of Paleontology</i> , 2009, 83, 110-122.	0.5	57
15	A scratch circle origin for the medusoid fossil <i>Kullingia</i> . <i>Lethaia</i> , 2002, 35, 291-299.	0.6	54
16	Neoproterozoic (Vendian) ichnofossils from Lower Alcludian strata in central Spain. <i>Geological Magazine</i> , 1994, 131, 169-179.	0.9	38
17	Ediacaran "Cambrian phosphorites from the western margins of Gondwana and Baltica. <i>Sedimentology</i> , 2016, 63, 350-377.	1.6	38
18	Caught in the act: priapulid burrowers in early Cambrian substrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182505.	1.2	35

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19	Vendian-Cambrian subsidence of the passive margin of western Baltica - application of new stratigraphic data from the Scandinavian Caledonian margin. <i>Norwegian Journal of Geology</i> , 1999, 79, 133-144.	0.3	34
20	DEEP-WATER INCISED VALLEY DEPOSITS AT THE EDIACARAN-CAMBRIAN BOUNDARY IN SOUTHERN NAMIBIA CONTAIN ABUNDANT TREPTICHNUS PEDUM. <i>Palaios</i> , 2012, 27, 252-273.	0.6	33
21	Sediment disturbance by Ediacaran bulldozers and the roots of the Cambrian explosion. <i>Scientific Reports</i> , 2018, 8, 4514.	1.6	33
22	Size of the earliest mollusks: Did small helcionellids grow to become large adults?. <i>Geology</i> , 2008, 36, 175.	2.0	31
23	Revised biochronology of the Lower Cambrian of the Central Iberian zone, southern Iberian massif, Spain. <i>Geological Magazine</i> , 2010, 147, 690-703.	0.9	28
24	Cambrian-Ordovician acritarchs in the Meguma terrane, Nova Scotia, Canada: Resolution of early Paleozoic stratigraphy and implications for paleogeography. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1773-1792.	1.6	28
25	Late Ediacaran skeletal body fossil assemblage from the Navalpino anticline, central Spain. <i>Precambrian Research</i> , 2015, 267, 186-195.	1.2	27
26	A critical reappraisal of the fossil record of the bilaterian phyla. <i>Biological Reviews</i> , 2000, 75, 253-295.	4.7	26
27	Development of early Palaeozoic ichnofabrics: evidence from shallow marine siliciclastics. <i>Geological Society Special Publication</i> , 2004, 228, 383-396.	0.8	23
28	A brief review of the fossil record of the Ediacaran-Cambrian transition in the area of Montes de Toledo-Guadalupe, Spain. <i>Geological Society Special Publication</i> , 2007, 286, 223-235.	0.8	23
29	A Lower Cambrian shallow-water occurrence of the branching "deep-water" type trace fossil <i>Dendrorhaphis</i> from the Lontova Formation, eastern Latvia. <i>Palaontologische Zeitschrift</i> , 1999, 73, 187-193.	0.8	22
30	Scratch circles from the Ediacaran and Cambrian of Arctic Norway and southern Africa, with a review of scratch circle occurrences. <i>Bulletin of Geosciences</i> , 2018, , 287-304.	0.5	22
31	Acritarchs from the MacLean Brook Formation, southeastern Cape Breton Island, Nova Scotia, Canada: New data on Middle Cambrian-Lower Furongian acritarch zonation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 273, 123-141.	1.0	20
32	Organically-walled microfossils from the Ediacaran-Cambrian boundary stratotype section, Chapel Island and Random formations, Burin Peninsula, Newfoundland, Canada: Global correlation and significance for the evolution of early complex ecosystems. <i>Geological Journal</i> , 2018, 53, 1728-1742.	0.6	20
33	Cambrian acritarchs from the Bourinot belt, Cape Breton Island, Nova Scotia: age and stratigraphic implications ¹ This article is one of a series of papers published in <i>CJES Special Issue: In honour of Ward Neale</i> on the theme of Appalachian and Grenvillian geology.. <i>Canadian Journal of Earth Sciences</i> , 2012, 49, 289-307.	0.6	19
34	New occurrences of <i>Palaeopascichnus</i> from the Ståhpogieddi Formation, Arctic Norway, and their bearing on the age of the Varanger Ice Age. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 1253-1261.	0.6	19
35	Chapter 5 Testing for palaeogeographical patterns in the distribution of Cambrian trace fossils. <i>Geological Society Memoir</i> , 2013, 38, 45-58.	0.9	14
36	Organically-preserved multicellular eukaryote from the early Ediacaran Nyborg Formation, Arctic Norway. <i>Scientific Reports</i> , 2019, 9, 14659.	1.6	14

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37	Acritarchs from the Hanford Brook Formation, New Brunswick, Canada: new biochronological constraints on the <i>Protolenus elegans</i> Zone and the Cambrian Series 2–3 transition. <i>Geological Magazine</i> , 2017, 154, 571-590.	0.9	13
38	Furrows and firmgrounds: evidence for predation and implications for Palaeozoic substrate evolution in <i>Rusophycus</i> burrows from the Silurian of New York. <i>Lethaia</i> , 2012, 45, 329-341.	0.6	12
39	Acritarchs from the Duolbagåis Formation (Cambrian Series 2, Miaolingian) on the Digermulen Peninsula, Finnmark, Arctic Norway: towards a high-resolution Cambrian chronostratigraphy. <i>Geological Magazine</i> , 2020, 157, 2051-2066.	0.9	12
40	A scratch circle origin for the medusoid fossil <i>Kullingia</i> . <i>Lethaia</i> , 2002, 35, 291-299.	0.6	11
41	Cloudina-microbial reef resilience to substrate instability in a Cadomian retro-arc basin of the Iberian Peninsula. <i>Precambrian Research</i> , 2020, 336, 105479.	1.2	10
42	Trace fossils from the Dividalen Group of northern Finland with remarks on early Cambrian trace fossil provincialism. <i>Gff</i> , 2006, 128, 321-325.	0.4	9
43	<i>Cruziana semiplicata</i> from the Furongian (Late Cambrian) of Severnaya Zemlya Archipelago, Arctic Russia, with a review of the spatial and temporal distribution of this ichnospecies. <i>Geological Journal</i> , 2011, 46, 26-33.	0.6	9
44	First record of carbonates with spherulites and cone-in-cone structures from the Precambrian of Arctic Norway, and their palaeoenvironmental significance. <i>Precambrian Research</i> , 2019, 328, 99-110.	1.2	9
45	U–Pb dating of calcite in ancient carbonates for age estimates of syn- to post-depositional processes: a case study from the upper Ediacaran strata of Finnmark, Arctic Norway. <i>Geological Magazine</i> , 2020, 157, 1367-1372.	0.9	9
46	Experimental production of animal trace fossils, with a discussion of allochthonous trace fossil producers. <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 2001, 2001, 594-606.	0.3	9
47	Acritarch-based chronostratigraphic and radiometric calibration of the Cambrian volcanosedimentary Vallehondo and Playón formations in the Cambrian Ossa-Morena Rift, Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 565, 110216.	1.0	8
48	<i>Cheiichnus gothicus</i> gen. et isp. n., a new <i>Bergaueria</i> -like arthropod trace fossil from the Lower Cambrian of Västergötland, Sweden. <i>Gff</i> , 2000, 122, 293-296.	0.4	7
49	A late Caledonian tectono-thermal event in the Gaissa Nappe Complex, Arctic Norway: evidence from fine-fraction ⁴⁰ Ar dating and illite crystallinity from the Digermulen Peninsula. <i>Gff</i> , 2019, 141, 289-294.	0.4	7
50	An intermittent mode of formation for the trace fossil <i>Cruziana</i> as a serial repetition of <i>Rusophycus</i> : the case of <i>Cruziana tenella</i> (Linnarsson). <i>Lethaia</i> , 2019, 52, 133-148.	0.6	7
51	Distribution and correlation of <i>Sabellidites cambriensis</i> (Annelida?) in the basal Cambrian on Baltica. <i>Geological Magazine</i> , 2022, 159, 1262-1283.	0.9	7
52	The trace fossil <i>Fucoides circinatus</i> Brongniart, 1828, from its type area, Västergötland, Sweden. <i>Gff</i> , 1995, 117, 207-210.	0.4	6
53	Chemostratigraphy of Neoproterozoic-Cambrian Units, White-Inyo Region, Eastern California and Western Nevada: Implications for Global Correlation and Faunal Distribution. <i>Palaios</i> , 1996, 11, 83.	0.6	5
54	Trace fossils from the lower Cambrian Klåftelv Formation, Ella Å, North-East Greenland. <i>Gff</i> , 2016, 138, 369-376.	0.4	5

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55	The Psammichnites-Taphrhelminthopsis conundrum: Implications for Calibrating the Cambrian explosion. <i>Earth-Science Reviews</i> , 2022, 227, 103971.	4.0	5
56	Late Ediacaran occurrences of the organic-walled microfossils <i>Granomarginata</i> and flask-shaped <i>Lagoenaforma collaris</i> gen. et sp. nov.. <i>Geological Magazine</i> , 2022, 159, 1071-1092.	0.9	4
57	LIFE THROUGH THE 'VARANGER ICE AGES': MICROFOSSIL RECORD OF LATE NEOPROTEROZOIC GLACIAL-INTERGLACIAL UNITS FROM ARCTIC NORWAY. , 2018, , .		3
58	Fantastiske fossilfunn i Finnmark. <i>Naturen</i> , 2017, 141, 94-100.	0.0	3
59	Ediacaran and Cambrian rocks on Scatarie Island and nearby Hay Island, Avalonian Mira terrane, Cape Breton Island, Nova Scotia, Canada. <i>Atlantic Geology</i> , 0, 56, 257-279.	0.2	3
60	Trace fossils and the Cambrian explosion. <i>Trends in Ecology and Evolution</i> , 1998, 13, 507.	4.2	2
61	Trace fossils from the Desejosa Formation (Schist and Greywacke Complex, Douro Group, NE) Tj ETQq1 1 0.784314 rrgBT /Overlock 10 T	1.6	2
62	Trace Fossils: Neoproterozoic. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 886-889.	0.1	1
63	Special issue, "The Ediacaran System and the Ediacaran-Cambrian Transition": Preface. <i>Geological Magazine</i> , 2022, 159, 997-998.	0.9	0