

Mats Rundgren

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

939
citations

471509

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h-index

501196

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all docs

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docs citations

29
times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	A Holocene CO ₂ record from the stomatal index of subfossil <i>Salix herbacea</i> L. leaves from northern Sweden. <i>Holocene</i> , 1999, 9, 509-513.	1.7	96
2	Plant survival in Iceland during periods of glaciation?. <i>Journal of Biogeography</i> , 1999, 26, 387-396.	3.0	81
3	Dynamic sea-level change during the last deglaciation of northern Iceland. <i>Boreas</i> , 1997, 26, 201-215.	2.4	72
4	Glacial and climatic events in Iceland reflecting regional north Atlantic climatic shifts during the Pleistocene-Holocene transition. <i>Quaternary Science Reviews</i> , 1997, 16, 1135-1144.	3.0	69
5	Wetland development, permafrost history and nutrient cycling inferred from late Holocene peat and lake sediment records in subarctic Sweden. <i>Journal of Paleolimnology</i> , 2010, 44, 327-342.	1.6	69
6	Biostratigraphic Evidence of the Allerød-Younger Dryas-Preboreal Oscillation in Northern Iceland. <i>Quaternary Research</i> , 1995, 44, 405-416.	1.7	63
7	Late-glacial and early Holocene variations in atmospheric CO ₂ concentration indicated by high-resolution stomatal index data. <i>Earth and Planetary Science Letters</i> , 2003, 213, 191-204.	4.4	62
8	Abrupt climatic changes and an unstable transition into a late Holocene Thermal Decline: a multiproxy lacustrine record from southern Sweden. <i>Journal of Quaternary Science</i> , 2005, 20, 349-362.	2.1	55
9	Holocene peatland development and hydrological variability inferred from bog-pine dendrochronology and peat stratigraphy – a case study from southern Sweden. <i>Journal of Quaternary Science</i> , 2012, 27, 553-563.	2.1	45
10	Early-Holocene vegetation of northern Iceland: pollen and plant macrofossil evidence from the Skagi peninsula. <i>Holocene</i> , 1998, 8, 553-564.	1.7	44
11	Floristic diversity in the transition from traditional to modern land-use in southern Sweden a.d. 1800–2008. <i>Vegetation History and Archaeobotany</i> , 2012, 21, 439-452.	2.1	34
12	Age, geochemistry and distribution of the mid-Holocene Hekla-S/Kebister tephra. <i>Holocene</i> , 2008, 18, 539-549.	1.7	24
13	A submerged Mesolithic lagoonal landscape in the Baltic Sea, south-eastern Sweden – Early Holocene environmental reconstruction and shore-level displacement based on a multiproxy approach. <i>Quaternary International</i> , 2018, 463, 110-123.	1.5	24
14	Variability and seasonality of North Atlantic climate during the early Holocene: evidence from Faroe Island lake sediments. <i>Holocene</i> , 2008, 18, 851-860.	1.7	23
15	Towards a Holocene tephrochronology for the Faroe Islands, North Atlantic. <i>Quaternary Science Reviews</i> , 2018, 195, 195-214.	3.0	22
16	Rapid Holocene climate changes in the North Atlantic: evidence from lake sediments from the Faroe Islands. <i>Boreas</i> , 2006, 35, 23-34.	2.4	21
17	Late-Holocene expansion of a south Swedish peatland and its impact on marginal ecosystems: Evidence from dendrochronology, peat stratigraphy and palaeobotanical data. <i>Holocene</i> , 2014, 24, 466-476.	1.7	19
18	Stratigraphy of peatlands in central and northern Sweden: evidence of Holocene climatic change and peat accumulation. <i>Gff</i> , 2008, 130, 95-107.	1.2	17

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19	Stable carbon isotope composition of terrestrial leaves: inter- and intraspecies variability, cellulose and whole-leaf tissue difference, and potential for climate reconstruction. <i>Journal of Quaternary Science</i> , 2003, 18, 583-590.	2.1	16
20	Early Holocene terrestrial climatic variability along a North Atlantic Island transect: palaeoceanographic implications. <i>Quaternary Science Reviews</i> , 2007, 26, 1989-1998.	3.0	16
21	Shoreline displacement and human resource utilization in the southern Baltic Basin coastal zone during the early Holocene: New insights from a submerged Mesolithic landscape in south-eastern Sweden. <i>Holocene</i> , 2018, 28, 721-737.	1.7	15
22	Dynamic early Holocene vegetation development on the Faroe Islands inferred from high-resolution plant macrofossil and pollen data. <i>Quaternary Research</i> , 2010, 73, 163-172.	1.7	14
23	Last interglacial atmospheric CO ₂ changes from stomatal index data and their relation to climate variations. <i>Global and Planetary Change</i> , 2005, 49, 47-62.	3.5	11
24	The effect of local land-use changes on floristic diversity during the past 1000 years in southern Sweden. <i>Holocene</i> , 2017, 27, 694-711.	1.7	9
25	Shoreline Displacement, Coastal Environments and Human Subsistence in the HanÅŕ Bay Region during The Mesolithic. <i>Quaternary</i> , 2019, 2, 14.	2.0	6
26	Fossil leaves: Effective bioindicators of ancient CO ₂ levels?. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	5
27	The role of inter-specific, micro-habitat and climatic factors on the carbon isotope ($\delta^{13}C$) variability of a modern leaf assemblage from northern Scandinavia: implications for climate reconstruction. <i>Boreas</i> , 2006, 35, 188-201.	2.4	3
28	The Integrated Use of Dendrochronological Data and Paleoecological Records From Northwest European Peatlands and Lakes for Understanding Long-Term Ecological and Climatic Changesâ€”A Review. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	3
29	The role of inter-specific, micro-habitat and climatic factors on the carbon isotope ($\delta^{13}C$) variability of a modern leaf assemblage from northern Scandinavia: implications for climate reconstruction. <i>Boreas</i> , 2008, 35, 188-201.	2.4	1