

# John A Matthews

## List of Publications by Year in descending order

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152  
papers

6,575  
citations

57631

44  
h-index

79541

73  
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157  
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157  
docs citations

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times ranked

3846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term Spectra of the Blazars Mrk 421 and Mrk 501 at TeV Energies Seen by HAWC. <i>Astrophysical Journal</i> , 2022, 929, 125.	1.6	8
2	Schmidt-hammer exposure-age dating: a review of principles and practice. <i>Earth-Science Reviews</i> , 2022, 230, 104038.	4.0	8
3	Probing the Extragalactic Mid-infrared Background with HAWC. <i>Astrophysical Journal</i> , 2022, 933, 223.	1.6	0
4	A Survey of Active Galaxies at TeV Photon Energies with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2021, 907, 67.	1.6	13
5	Evidence of 200 TeV Photons from HAWC J1825-134. <i>Astrophysical Journal Letters</i> , 2021, 907, L30.	3.0	34
6	Fair Weather Neutron Bursts From Photonuclear Reactions by Extensive Air Shower Core Interactions in the Ground and Implications for Terrestrial Gamma-ray Flash Signatures. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090033.	1.5	7
7	HAWC observations of the acceleration of very-high-energy cosmic rays in the Cygnus Cocoon. <i>Nature Astronomy</i> , 2021, 5, 465-471.	4.2	62
8	Probing the Sea of Cosmic Rays by Measuring Gamma-Ray Emission from Passive Giant Molecular Clouds with HAWC. <i>Astrophysical Journal</i> , 2021, 914, 106.	1.6	9
9	HAWC as a Ground-Based Space-Weather Observatory. <i>Solar Physics</i> , 2021, 296, 1.	1.0	2
10	New evidence for active talus-foot rock glaciers at Åyberget, southern Norway, and their development during the Holocene. <i>Holocene</i> , 2021, 31, 1786-1796.	0.9	7
11	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. <i>Astrophysical Journal</i> , 2021, 906, 63.	1.6	9
12	The Snow-Avalanche Impact Landforms of Vestlandet, Southern Norway. <i>World Geomorphological Landscapes</i> , 2021, , 131-145.	0.1	2
13	Schmidt-hammer exposure-age dating (SHD) of sorted stripes on Juvflye, Jotunheimen (central South) Tj ETQq1 1 0,784314 rgBT /Ove	1.1	9
14	Snow-avalanche boulder fans in Jotunheimen, southern Norway: Schmidt-hammer exposure-age dating, geomorphometrics, dynamics and evolution. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2020, 102, 118-140.	0.6	4
15	Holocene alluvial fan evolution, Schmidt-hammer exposure-age dating and paraglacial debris floods in the <sc>SE</sc> Jostedalsbreen region, southern Norway. <i>Boreas</i> , 2020, 49, 886-902.	1.2	8
16	Interpretation, age and significance of a relict paraglacial and periglacial boulder-dominated landform assemblage in Alnesdalen, Romsdalsalpane, southern Norway. <i>Geomorphology</i> , 2020, 369, 107362.	1.1	9
17	Carbon dioxide emissions from periglacial patterned ground under changing permafrost conditions and shrub encroachment in an alpine landscape, Jotunheimen, Norway. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 524-537.	1.5	2
18	Evidence for rapid paraglacial formation of rock glaciers in southern Norway from <sup>10</sup>Be surface-exposure dating. <i>Quaternary Research</i> , 2020, 97, 55-70.	1.0	9

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19	HAWC J2227+610 and Its Association with G106.3+2.7, a New Potential Galactic PeVatron. <i>Astrophysical Journal Letters</i> , 2020, 896, L29.	3.0	48
20	Constraints on Lorentz Invariance Violation from HAWC Observations of Gamma Rays above 100 TeV. <i>Physical Review Letters</i> , 2020, 124, 131101.	2.9	40
21	Multiple Galactic Sources with Emission Above 56 TeV Detected by HAWC. <i>Physical Review Letters</i> , 2020, 124, 021102.	2.9	143
22	Development of a Holocene glacier-fed composite alluvial fan based on surface exposure-age dating techniques: The Illåe fan, Jotunheimen, Norway. <i>Geomorphology</i> , 2020, 363, 107200.	1.1	8
23	3HWC: The Third HAWC Catalog of Very-high-energy Gamma-Ray Sources. <i>Astrophysical Journal</i> , 2020, 905, 76.	1.6	99
24	Interplanetary Magnetic Flux Rope Observed at Ground Level by HAWC. <i>Astrophysical Journal</i> , 2020, 905, 73.	1.6	2
25	Comparative numerical surface exposure-age dating ( $^{10}\text{Be}$ and Schmidt hammer) of an early-Holocene rock avalanche at Alstadfjellet, Valldalen, southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2019, 101, 293-309.	0.6	10
26	Age and development of active cryoplanation terraces in the alpine permafrost zone at Svartkampan, Jotunheimen, southern Norway. <i>Quaternary Research</i> , 2019, 92, 641-664.	1.0	17
27	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366.	1.6	7
28	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. <i>Nature</i> , 2018, 562, 82-85.	13.7	75
29	Chronosequences of ant nest mounds from glacier forelands of Jostedalbreen, southern Norway: Insights into the distribution, succession and geo-ecology of red wood ants ( <i>Formica lugubris</i> and <i>F. ruginosa</i> ). <i>Open Access Journal of Ecology and Environmental Science</i> , 2018, 10, 1-14.	0.78	14
30	Autosuccession in alpine vegetation: Testing the concept on an altitudinal bioclimatic gradient, Jotunheimen, southern Norway. <i>Catena</i> , 2018, 170, 169-182.	2.2	15
31	Small rock slope failures conditioned by Holocene permafrost degradation: a new approach and conceptual model based on Schmidt hammer exposure-age dating, Jotunheimen, southern Norway. <i>Boreas</i> , 2018, 47, 1144-1169.	1.2	30
32	Very low inheritance in cosmogenic surface exposure ages of glacial deposits: A field experiment from two Norwegian glacier forelands. <i>Holocene</i> , 2017, 27, 1406-1414.	0.9	5
33	Landform transitions from pronival ramparts to moraines and rock glaciers: a case study from the Småtbotn cirque, Romsdalsalpane, southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2017, 99, 15-37.	0.6	27
34	Snow-avalanche impact craters in southern Norway: Their morphology and dynamics compared with small terrestrial meteorite craters. <i>Geomorphology</i> , 2017, 296, 11-30.	1.1	5
35	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. <i>Science</i> , 2017, 358, 911-914.	6.0	303
36	Relict Blockstreams at Insteheia, Valldalen-Tafjorden, Southern Norway: Their Nature and Schmidt Hammer Exposure Age. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 286-297.	1.5	22

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37	Holocene Storminess and Climate Change in Lofoten and VesterÅylen, Northern Norway. Norsk Geografisk Tidsskrift, 2016, 70, 316-317.	0.3	0
38	A rock-surface microweathering index from Schmidt hammer R-values and its preliminary application to some common rock types in southern Norway. Catena, 2016, 143, 35-44.	2.2	30
39	Inappropriate instrument calibration for Schmidt-hammer exposure-age dating (SHD) – A comment on Dortch et Al., Quaternary Geochronology 35 (2016), 67–68. Quaternary Geochronology, 2016, 36, 102-103.	0.6	3
40	Age assessment and implications of late Quaternary periglacial and paraglacial landforms on Muckish Mountain, northwest Ireland, based on Schmidt-hammer exposure-age dating (SHD). Geomorphology, 2016, 270, 134-144.	1.1	20
41	Schmidt-hammer exposure ages from periglacial patterned ground (sorted circles) in Jotunheimen, Norway, and their interpretative problems. Geografiska Annaler, Series A: Physical Geography, 2016, 98, 265-285.	0.6	24
42	Holocene colluvial chronology in a sub-Arctic esker landscape at Kuttanen, Finnish Lapland: kettleholes as geo-ecological archives of interactions amongst fire, vegetation, soil, climate and geomorphological instability. Boreas, 2015, 44, 343-367.	1.2	5
43	Improved Schmidt-hammer exposure ages for active and relict pronival ramparts in southern Norway, and their palaeoenvironmental implications. Geomorphology, 2015, 246, 7-21.	1.1	28
44	Sediment fingerprinting and the mode of formation of singular and composite annual moraine ridges at two glacier margins, Jotunheimen, southern Norway. Holocene, 2015, 25, 1772-1785.	0.9	17
45	Schmidt-hammer exposure-age dating (SHD) of snow-avalanche impact ramparts in southern Norway: approaches, results and implications for landform age, dynamics and development. Earth Surface Processes and Landforms, 2015, 40, 1705-1718.	1.2	23
46	Pioneer zone geo-ecological change: Observations from a chronosequence on the Storbreen glacier foreland, Jotunheimen, southern Norway. Catena, 2015, 135, 219-230.	2.2	39
47	Succession of pitfall-trapped insects and arachnids on eight Norwegian glacier forelands along an altitudinal gradient: Patterns and models. Holocene, 2015, 25, 108-129.	0.9	25
48	Holocene environmental change in subarctic aeolian dune fields: The chronology of sand dune re-activation events in relation to forest fires, palaeosol development and climatic variations in Finnish Lapland. Holocene, 2014, 24, 149-164.	0.9	29
49	Comparison of electronic and mechanical Schmidt hammers in the context of exposure-age dating: are Q and R values interconvertible?. Earth Surface Processes and Landforms, 2014, 39, 1128-1136.	1.2	26
50	Age and origin of ice-cored moraines in Jotunheimen and Breheimen, southern Norway: insights from Schmidt-hammer exposure-age dating. Geografiska Annaler, Series A: Physical Geography, 2014, 96, n/a-n/a.	0.6	8
51	Late glacial and Holocene environmental changes inferred from sediments in Lake Myklevatnet, Nordfjord, western Norway. Vegetation History and Archaeobotany, 2014, 23, 229-248.	1.0	9
52	Use of ecological indicator values to investigate successional change in boreal to high-alpine glacier-foreland chronosequences, southern Norway. Holocene, 2014, 24, 1453-1464.	0.9	12
53	Sensitivity, persistence and resolution of the geomorphological record of valley-floor floods in an alpine glacier-fed catchment, Leirdalen, Jotunheimen, southern Norway. Holocene, 2013, 23, 974-989.	0.9	12
54	Relict Talus-Foot Rock Glaciers at Åyberget, Upper Ottadalen, Southern Norway: Schmidt Hammer Exposure Ages and Palaeoenvironmental Implications. Permafrost and Periglacial Processes, 2013, 24, 336-346.	1.5	35

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55	High-precision schmidt-hammer exposure-age dating of flood berms, vetlestÅlsdalen, alpine southern norway: first application and some methodological issues. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2013, 95, 185-195.	0.6	24
56	Testing the addition and persistence model™ of invertebrate succession in a subalpine glacier-foreland chronosequence: FÅybergstÅlsbreen, southern Norway. <i>Holocene</i> , 2013, 23, 1151-1162.	0.9	21
57	The Briksdalsbre Event: A winter precipitation-induced decadal-scale glacial advance in southern Norway in the 1990s and its implications. <i>Holocene</i> , 2012, 22, 249-261.	0.9	31
58	Late Holocene development of a Norwegian alpine alluvial fan affected by proximal glacier variations, episodic distal undercutting, and colluvial activity. <i>Geomorphology</i> , 2011, 127, 198-215.	1.1	12
59	Pronival rampart formation in relation to snow-avalanche activity and Schmidt-hammer exposure-age dating (SHD): Three case studies from southern Norway. <i>Geomorphology</i> , 2011, 130, 280-288.	1.1	38
60	Growth rate of a very large crustose lichen (rhizocarpon subgenus) and its implications for lichenometry. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2011, 93, 27-39.	0.6	30
61	Schmidt-hammer exposure-age dating (SHD): application to early Holocene moraines and a reappraisal of the reliability of terrestrial cosmogenic-nuclide dating (TCND) at Austanbotnbreen, Jotunheimen, Norway. <i>Boreas</i> , 2011, 40, 256-270.	1.2	49
62	Holocene Chemical Weathering, Surface Lowering and Rock Weakening Rates on Glacially Eroded Bedrock Surfaces in an Alpine Periglacial Environment, Jotunheimen, Southern Norway. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 279-290.	1.5	19
63	Lichen growth rates on glacier forelands in southern norway: preliminary results from a 25-year monitoring programme. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2010, 92, 19-39.	0.6	46
64	Landslide-glacier interaction in a neoparaglacial setting at tverrbytnede, jotunheimen, southern norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2010, 92, 421-436.	0.6	10
65	Schmidt hammer exposure-age dating: developing linear age-calibration curves using Holocene bedrock surfaces from the Jotunheimen-Jostedalsbreen regions of southern Norway. <i>Boreas</i> , 2010, 39, 105-115.	1.2	60
66	Observations on terminal moraine-ridge formation during recent advances of southern Norwegian glaciers. <i>Geomorphology</i> , 2010, 116, 87-106.	1.1	47
67	Regional Variation in Successional Trajectories and Rates of Vegetation Change on Glacier Forelands in South-Central Norway. <i>Arctic, Antarctic, and Alpine Research</i> , 2010, 42, 351-361.	0.4	45
68	Radiocarbon chronology of Holocene colluvial (debris-flow) events at Sletthamn, Jotunheimen, southern Norway: a window on the changing frequency of extreme climatic events and their landscape impact. <i>Holocene</i> , 2009, 19, 1107-1129.	0.9	35
69	Pioneer vegetation on glacier forelands in southern Norway: emerging communities?. <i>Journal of Vegetation Science</i> , 2009, 20, 889-902.	1.1	38
70	Endolithic lichens, rapid biological weathering and schmidt hammer values on recently exposed rock surfaces: storbreen glacier foreland, jotunheimen, norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2008, 90, 287-297.	0.6	48
71	Norwegian mountain glaciers in the past, present and future. <i>Global and Planetary Change</i> , 2008, 60, 10-27.	1.6	213
72	Holocene glacier variation chronology of the SmÅrstabtbindan massif, Jotunheimen, southern Norway, and the recognition of century- to millennial-scale European Neoglacial Events. <i>Holocene</i> , 2008, 18, 181-201.	0.9	103

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73	Cosmogenic <sup>10</sup> Be and <sup>26</sup> Al ages of Holocene moraines in southern Norway I: testing the method and confirmation of the date of the Erdalen Event (<i>c</i>. 10 ka) at its type-site. <i>Holocene</i> , 2008, 18, 1155-1164.	0.9	31
74	Cosmogenic <sup>10</sup> Be and <sup>26</sup> Al ages of Holocene moraines in southern Norway II: evidence for individualistic responses of high-altitude glaciers to millennial-scale climatic fluctuations. <i>Holocene</i> , 2008, 18, 1165-1177.	0.9	23
75	Rates of Holocene chemical weathering, 'Little Ice Age' glacial erosion and implications for Schmidt-hammer dating at a glacier foreland boundary, FÅybergstÅlsbreen, southern Norway. <i>Holocene</i> , 2007, 17, 829-834.	0.9	40
76	Reconstruction of Holocene glacier history from distal sources: glaciofluvial stream-bank mires and a glaciolacustrine sediment core near Sota SÅter, Breheimen, southern Norway. <i>Holocene</i> , 2007, 17, 729-745.	0.9	29
77	The Schmidt hammer as a relative-age dating tool and its potential for calibrated-age dating in Holocene glaciated environments. <i>Quaternary Science Reviews</i> , 2006, 25, 2846-2867.	1.4	100
78	Snow avalanche impact landforms, deposits and effects at urdvatnet, southern Norway: implications for avalanche style and process. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2006, 88, 295-307.	0.6	18
79	Rapid Holocene chemical weathering on a calcitic lake shoreline in an alpine periglacial environment: AttglÅyma, Sognefjell, southern Norway. <i>Permafrost and Periglacial Processes</i> , 2006, 17, 3-12.	1.5	11
80	The 'little ice age'™: reevaluation of an evolving concept. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2005, 87, 17-36.	0.6	423
81	Holocene solifluction, climate variation and fire in a subarctic landscape at Pippokangas, Finnish Lapland, based on radiocarbon-dated buried charcoal. <i>Journal of Quaternary Science</i> , 2005, 20, 533-548.	1.1	22
82	'Little Ice Age'™ glacier variations in Jotunheimen, southern Norway: a study in regionally controlled lichenometric dating of recessional moraines with implications for climate and lichen growth rates. <i>Holocene</i> , 2005, 15, 1-19.	0.9	143
83	Holocene glacier history of BjÅrnbreen and climatic reconstruction in central Jotunheimen, Norway, based on proximal glaciofluvial stream-bank mires. <i>Quaternary Science Reviews</i> , 2005, 24, 67-90.	1.4	83
84	A twentieth-century neoparaglacial rock topple on a glacier foreland, Åtztal Alps, Austria. <i>Holocene</i> , 2004, 14, 454-458.	0.9	16
85	Glacier variations in Breheimen, southern Norway: relative-age dating of Holocene moraine complexes at six high-altitude glaciers. <i>Holocene</i> , 2004, 14, 899-910.	0.9	30
86	Holocene fluctuations of a polythermal glacier in high-alpine eastern Jotunheimen, central-southern Norway. <i>Quaternary Science Reviews</i> , 2004, 23, 1925-1945.	1.4	62
87	Glacier variations in Breheimen, southern Norway: dating Little Ice Age moraine sequences at seven low-altitude glaciers. <i>Journal of Quaternary Science</i> , 2003, 18, 395-413.	1.1	39
88	Timing, equilibrium-line altitudes and climatic implications of two early-Holocene glacier readvances during the Erdalen Event at Jostedalbreen, western Norway. <i>Holocene</i> , 2002, 12, 17-25.	0.9	115
89	Holocene Gorge Excavation Linked to Boulder Fan Formation and Frost Weathering in a Norwegian Alpine Periglaciofluvial System. <i>Arctic, Antarctic, and Alpine Research</i> , 2002, 34, 345-357.	0.4	10
90	Sieve deposition by debris flow on a permeable substrate, Leirdalen, Norway. <i>Earth Surface Processes and Landforms</i> , 2002, 27, 1031-1041.	1.2	12

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91	Erosion response to anthropogenic activity and climatic changes during the Holocene: case studies in northwestern China and southern Norway. <i>Journal of Chinese Geography</i> , 2002, 12, 467-471.	1.5	1
92	Holocene Gorge Excavation Linked to Boulder Fan Formation and Frost Weathering in a Norwegian Alpine Periglaciofluvial System. <i>Arctic, Antarctic, and Alpine Research</i> , 2002, 34, 345.	0.4	8
93	A ~4500 yr record of river floods obtained from a sediment core in Lake Atnsj�en, eastern Norway. <i>Journal of Paleolimnology</i> , 2001, 25, 329-342.	0.8	53
94	Enhanced rockfall activity during the Little Ice Age: further lichenometric evidence from a Norwegian talus. <i>Permafrost and Periglacial Processes</i> , 2001, 12, 157-164.	1.5	37
95	Holocene climatic change and tree-line response in Leirdalen, central Jotunheimen, south central Norway. <i>Review of Palaeobotany and Palynology</i> , 2001, 117, 119-137.	0.8	58
96	Holocene glacier fluctuations of Flatebreen and winter-precipitation changes in the Jostedalsbreen region, western Norway, based on glaciolacustrine sediment records. <i>Holocene</i> , 2001, 11, 267-280.	0.9	275
97	Holocene glacier variations in central Jotunheimen, southern Norway based on distal glaciolacustrine sediment cores. <i>Quaternary Science Reviews</i> , 2000, 19, 1625-1647.	1.4	152
98	The lacustrine sedimentary sequence in Sygneskardvatnet, western Norway: a continuous, high-resolution record of the Jostedalsbreen ice cap during the Holocene. <i>Quaternary Science Reviews</i> , 2000, 19, 1047-1065.	1.4	132
99	Alpine Debris-flows in Leirdalen, Jotunheimen, Norway, with Particular Reference to Distal Fans, Intermediate-type Deposits, and Flow Types. <i>Arctic, Antarctic, and Alpine Research</i> , 1999, 31, 421-435.	0.4	17
100	Snow�push processes in pronival (protalus) rampart formation: geomorphological evidence from sm�rbotn, romsdalsalpane, southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1999, 81, 31-45.	0.6	36
101	Alpine Debris-Flows in Leirdalen, Jotunheimen, Norway, with Particular Reference to Distal Fans, Intermediate-Type Deposits, and Flow Types. <i>Arctic, Antarctic, and Alpine Research</i> , 1999, 31, 421.	0.4	15
102	Periglacial patterned ground on the Styggedalsbreen glacier foreland, Jotunheimen, southern Norway: micro-topographic, paraglacial and geoecological controls. <i>Permafrost and Periglacial Processes</i> , 1998, 9, 147-166.	1.5	80
103	Channel form, bed material and sediment sources of the sprongd�la, southern Norway: evidence for a distinct periglacio�fluvial system. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1998, 80, 17-36.	0.6	8
104	Cyclic Development and Thermokarstic Degradation of Palsas in the Mid-Alpine Zone at Leirpullan, Dovrefjell, Southern Norway. <i>Permafrost and Periglacial Processes</i> , 1997, 8, 107-122.	1.5	62
105	A preliminary history of Holocene colluvial (debris-flow) activity, Leirdalen, Jotunheimen, Norway. <i>Journal of Quaternary Science</i> , 1997, 12, 117-129.	1.1	44
106	Cyclic Development and Thermokarstic Degradation of Palsas in the Mid-Alpine Zone at Leirpullan, Dovrefjell, Southern Norway. , 1997, 8, 107.		1
107	Glacial activity and paraglacial landsliding in the Devensian Lateglacial: evidence from Craig Cerrig-gleisiad and Fan Dringarth, Fforest Fawr (Brecon Beacons), South Wales. <i>Geological Journal</i> , 1996, 31, 143-157.	0.6	40
108	Late-holocene snow-avalanche activity in southern Norway: Interpreting lichen size�frequency distributions using an alternative to simulation modelling. <i>Earth Surface Processes and Landforms</i> , 1995, 20, 465-471.	1.2	17

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109	Pronival ("Protalus") Ramparts in the Romsdalsalpane, Southern Norway: Forms, Terms, Subnival Processes, and Alternative Mechanisms of Formation. <i>Arctic and Alpine Research</i> , 1995, 27, 271.	1.3	30
110	Contemporary terminal moraine ridge formation at a temperate glacier: Styggedalsbreen, Jotunheimen, southern Norway. <i>Boreas</i> , 1995, 24, 129-139.	1.2	58
111	Snow-Avalanche Impact Landforms in Breheimen, Southern Norway: Origin, Age, and Paleoclimatic Implications. <i>Arctic and Alpine Research</i> , 1994, 26, 103.	1.3	35
112	Snow-Avalanche Impact Landforms: A Brief Discussion of Terminology. <i>Arctic and Alpine Research</i> , 1994, 26, 128.	1.3	16
113	Loch lomond stadial glacier at Fan Hir, Mynydd Du (Brecon Beacons), South Wales: Critical evidence and palaeoclimatic implications. <i>Geological Journal</i> , 1993, 28, 69-79.	0.6	49
114	Little ice age variations of outlet glaciers from the jostedalsbreen ice-cap, Southern Norway: A regional lichenometric-dating study of ice-marginal moraine sequences and their climatic significance. <i>Journal of Quaternary Science</i> , 1993, 8, 45-66.	1.1	128
115	Asynchronous neoglaciation and Holocene climatic change reconstructed from Norwegian glaciolacustrine sedimentary sequences. <i>Geology</i> , 1992, 20, 991.	2.0	83
116	On the accuracy of lichenometric dates: an assessment based on the 'Little Ice Age' moraine sequence of Nigardsbreen, southern Norway. <i>Holocene</i> , 1992, 2, 227-237.	0.9	67
117	Reconstructing Holocene Glacier Variations from Glacial Lake Sediments: Studies from Nordvestlandet and Jostedalsbreen-Jotunheimen, Southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1992, 74, 327.	0.6	43
118	Reconstructing Holocene Glacier Variations from Glacial Lake Sediments: Studies from Nordvestlandet and Jostedalsbreen-Jotunheimen, Southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1992, 74, 327-348.	0.6	45
119	The late Neoglacial ('Little Ice Age') glacier maximum in southern Norway : new 14C-dating evidence and climatic implications. <i>Holocene</i> , 1991, 1, 219-233.	0.9	93
120	Striations Produced by Catastrophic Subglacial Drainage of a Glacier-dammed Lake, MjÅlkedalsbreen, Southern Norway. <i>Journal of Glaciology</i> , 1989, 35, 193-196.	1.1	6
121	Continuum and age: comments*. <i>Boreas</i> , 1989, 18, 84-85.	1.2	2
122	Vegetation Succession on the Storbreen Glacier Foreland, Jotunheimen, Norway: A Review. <i>Arctic and Alpine Research</i> , 1987, 19, 385.	1.3	133
123	Arctic-alpine brown soils as a source of palaeoenvironmental information: Further 14C dating and palynological evidence from Vestre Memurubreen, Jotunheimen, Norway. <i>Journal of Quaternary Science</i> , 1987, 2, 59-71.	1.1	38
124	Podzol development, vegetation change and glacier variations at Haugabreen, southern Norway. <i>Boreas</i> , 1987, 16, 215-230.	1.2	34
125	Rock glaciers, protalus ramparts and related phenomena, Rondane, Norway: a continuum of large-scale talus-derived landforms. <i>Boreas</i> , 1987, 16, 305-317.	1.2	64
126	Regional variation in the composition of Neoglacial end moraines, Jotunheimen, Norway: an altitudinal gradient in clast roundness and its possible palaeoclimatic significance. <i>Boreas</i> , 1987, 16, 173-188.	1.2	48



#	ARTICLE	IF	CITATIONS
127	Studies on a Gelifluction Lobe, Jotunheimen, Norway: <sup>14</sup> C Chronology, Stratigraphy, Sedimentology and Palaeoenvironment. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1986, 68, 345-360.	0.6	5
128	A Catastrophic Landslide (Sturzstrom) in Verkilsdalen, Rondane National Park, Southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1986, 68, 77-87.	0.6	21
129	<sup>14</sup> C dating and palaeoenvironment of the historic "little ice age" glacier advance of Nigardsbreen Southwest Norway. <i>Earth Surface Processes and Landforms</i> , 1986, 11, 369-375.	1.2	23
130	Lake shoreline development, frost weathering and rock platform erosion in an alpine periglacial environment, Jotunheimen, southern Norway. <i>Boreas</i> , 1986, 15, 33-50.	1.2	67
131	Pedogenic Implications of a <sup>14</sup> C-Dated Paleopodzolic Soil at Haugabreen, Southern Norway. <i>Arctic and Alpine Research</i> , 1984, 16, 77.	1.3	32
132	Some Observations on Boulder-Cored Frost Boils. <i>Geographical Journal</i> , 1984, 150, 63.	1.6	21
133	The status of the "Little Ice Age" in southern Norway: relative age dating of Neoglacial moraines with Schmidt hammer and lichenometry. <i>Boreas</i> , 1984, 13, 333-346.	1.2	166
134	Desiccation Cracking and Sorted Polygon Development, Jotunheimen, Norway. <i>Arctic and Alpine Research</i> , 1983, 15, 339.	1.3	48
135	The Development of Sorted Circles on Recently Deglaciated Terrain, Jotunheimen, Norway. <i>Arctic and Alpine Research</i> , 1982, 14, 341.	1.3	57
136	Soil Dating and Glacier Variations: A Reply to Wibjörn Karlén. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1982, 64, 15-20.	0.6	20
137	Within-valley asymmetry and related problems of Neoglacial lateral moraine development at certain Jotunheimen glaciers, southern Norway. <i>Boreas</i> , 1982, 11, 225-247.	1.2	60
138	Natural <sup>14</sup> C age/depth gradient in a buried soil. <i>Die Naturwissenschaften</i> , 1981, 68, 472-474.	0.6	27
139	Some Problems and Implications of <sup>14</sup> C Dates from a Podzol Buried Beneath an end Moraine at Haugabreen, Southern Norway. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1980, 62, 185-208.	0.6	11
140	"Saw-Tooth" Moraines in Front of Båldalsbreen, Southern Norway. <i>Journal of Glaciology</i> , 1979, 22, 535-546.	1.1	5
141	"Saw-Tooth" Moraines in Front of Båldalsbreen, Southern Norway. <i>Journal of Glaciology</i> , 1979, 22, 535-546.	1.1	57
142	Refutation of convergence in a vegetation succession. <i>Die Naturwissenschaften</i> , 1979, 66, 47-49.	0.6	19
143	The Vegetation of the Storbreen Gletschervorfeld, Jotunheimen, Norway. II. Approaches Involving Ordination and General Conclusions. <i>Journal of Biogeography</i> , 1979, 6, 133.	1.4	36
144	The Vegetation of the Storbreen Gletschervorfeld, Jotunheimen, Norway. I. Introduction and Approaches Involving Classification. <i>Journal of Biogeography</i> , 1979, 6, 17.	1.4	40

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145	A Study of the Variability of Some Successional and Climax Plant Assemblage-Types Using Multiple Discriminant Analysis. <i>Journal of Ecology</i> , 1979, 67, 255.	1.9	65
146	An Application of Non-Metric Multidimensional Scaling to the Construction of an Improved Species Plexus. <i>Journal of Ecology</i> , 1978, 66, 157.	1.9	35
147	Major Neoglacial Glacier Expansion Episodes in Southern Norway: Evidences from Moraine Ridge Stratigraphy With 14C Dates on Buried Palaeosols and Moss Layers. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1978, 60, 73-90.	0.6	6
148	Plant colonisation patterns on a gletschervorfeld, southern Norway: a meso-scale geographical approach to vegetation change and phytometric dating. <i>Boreas</i> , 1978, 7, 155-178.	1.2	48
149	Glacier and climatic fluctuations inferred from tree-growth variations over the last 250 years, central southern Norway. <i>Boreas</i> , 1977, 6, 1-24.	1.2	48
150	“Little Ice Age” palaeotemperatures from high altitude tree growth in S. Norway. <i>Nature</i> , 1976, 264, 243-245.	13.7	44
151	Lichen Growth on an Active Medial Moraine, Jotunheimen, Norway. <i>Journal of Glaciology</i> , 1973, 12, 305-313.	1.1	4
152	Lichen Growth on an Active Medial Moraine, Jotunheimen, Norway. <i>Journal of Glaciology</i> , 1973, 12, 305-313.	1.1	29