

Andrew J Russell

List of Publications by Year in descending order

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60
papers

2,242
citations

172457

29
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223800

46
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docs citations

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times ranked

1664
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground-penetrating radar (GPR) investigations of a large-scale buried ice-marginal land system, Skeiðarárjarsandur, SE Iceland. <i>Boreas</i> , 2022, 51, 824-846.	2.4	4
2	Considerations When Applying Large-Scale PIV and PTV for Determining River Flow Velocity. <i>Frontiers in Water</i> , 2021, 3, .	2.3	15
3	Controls on jökulhlaup-transported buried ice melt-out at Skeiðarárjarsandur, Iceland: Implications for the evolution of ice-marginal environments. <i>Geomorphology</i> , 2020, 360, 107164.	2.6	10
4	Response of glacier flow and structure to proglacial lake development and climate at Fjallsjökull, south-east Iceland. <i>Journal of Glaciology</i> , 2019, 65, 321-336.	2.2	14
5	Ice-margin and meltwater dynamics during the mid-Holocene in the Kangerlussuaq area of west Greenland. <i>Boreas</i> , 2017, 46, 369-387.	2.4	10
6	Ice-Dammed Lake Drainage Evolution at Russell Glacier, West Greenland. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	29
7	Technical Note: Advances in flash flood monitoring using unmanned aerial vehicles (UAVs). <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4005-4015.	4.9	124
8	A multi-dimensional analysis of proglacial landscape change at Sálheimajökull, southern Iceland. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 809-822.	2.5	49
9	Landscape reaction, response, and recovery following the catastrophic 1918 Katla jökulhlaup, southern Iceland. <i>Geophysical Research Letters</i> , 2014, 41, 4214-4221.	4.0	19
10	Outburst flood evolution at Russell Glacier, western Greenland: effects of a bedrock channel cascade with intermediary lakes. <i>Quaternary Science Reviews</i> , 2013, 67, 39-58.	3.0	39
11	Discussion of field evidence and hydraulic modeling of a large Holocene jökulhlaup at Jökulsá; Á; Fjallum channel, Iceland by Douglas Howard, Sheryl Luzzadder-Beach and Timothy Beach, 2012. <i>Geomorphology</i> , 2013, 201, 512-519.	2.6	13
12	A new cycle of jökulhlaups at Russell Glacier, Kangerlussuaq, West Greenland. <i>Journal of Glaciology</i> , 2011, 57, 238-246.	2.2	52
13	Sedimentary architecture of large-scale, jökulhlaup-generated, ice-block obstacle marks: Examples from Skeiðarárjarsandur, SE Iceland. <i>Sedimentary Geology</i> , 2010, 227, 1-10.	2.1	17
14	An unusual jökulhlaup resulting from subglacial volcanism, Sálheimajökull, Iceland. <i>Quaternary Science Reviews</i> , 2010, 29, 1363-1381.	3.0	47
15	Subglacial hydraulic scouring and deposition during surge-related outburst floods, Bering Glacier, Alaska. <i>Quaternary Science Reviews</i> , 2010, 29, 2261-2270.	3.0	5
16	11 Volcanogenic jökulhlaups (Glacier Outburst Floods) from Márdalsjökull: Impacts on Proglacial Environments. <i>Developments in Quaternary Sciences</i> , 2010, 13, 181-207.	0.1	9
17	Structural controls on englacial esker sedimentation: Skeiðarárjökull, Iceland. <i>Annals of Glaciology</i> , 2009, 50, 85-92.	1.4	23
18	Geomorphological evidence towards a deglacial control on volcanism. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 1164-1178.	2.5	29

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19	Sedimentology of a sandur formed by multiple j����������, Kverkfj����, Iceland. <i>Sedimentary Geology</i> , 2009, 213, 77-88.	2.1	43
20	Aeolian dune������ development in a water table������ controlled system: Skei������rsandur, Southern Iceland. <i>Sedimentology</i> , 2009, 56, 2107-2131.	3.1	78
21	J���������� (ice-dammed lake outburst flood) impact within a valley-confined sandur subject to backwater conditions, Kangerlussuaq, West Greenland. <i>Sedimentary Geology</i> , 2009, 215, 33-49.	2.1	36
22	Architectural analysis of a volcanoclastic j���������� deposit, southern Iceland: sedimentary evidence for supercritical flow. <i>Sedimentology</i> , 2008, 55, 939-964.	3.1	102
23	Controls on the sedimentary architecture of a single event englacial esker: Skei������rj������, Iceland. <i>Quaternary Science Reviews</i> , 2008, 27, 1829-1847.	3.0	63
24	Hydrogeological implications of glacial landscape evolution at Skei������rsandur, SE Iceland. <i>Geomorphology</i> , 2008, 97, 218-236.	2.6	28
25	GPR-Derived Sedimentary Architecture and Stratigraphy of Outburst Flood Sedimentation Within a Bedrock Valley System, Hraundalur, Iceland. <i>Journal of Environmental and Engineering Geophysics</i> , 2007, 12, 127-143.	0.5	19
26	Tunnel channel formation during the November 1996 j����������, Skei������rj������, Iceland. <i>Annals of Glaciology</i> , 2007, 45, 95-103.	1.4	38
27	Controls on the sedimentology of an ice-contact j����������-dominated delta, Kangerlussuaq, west Greenland. <i>Sedimentary Geology</i> , 2007, 193, 131-148.	2.1	37
28	Sediment budgets and rates of sediment transfer across cold environments in europe: introduction and background to the european science foundation network ������ sedimentary source������ sink fluxes in cold environments������ (sediflux). <i>Geografiska Annaler, Series A: Physical Geography</i> , 2007, 89, 1-3.	1.5	3
29	Icelandic j���������� impacts: Implications for ice-sheet hydrology, sediment transfer and geomorphology. <i>Geomorphology</i> , 2006, 75, 33-64.	2.6	111
30	Coastal aeolian dune development, S������lheimasandur, southern Iceland. <i>Sedimentary Geology</i> , 2006, 192, 167-181.	2.1	48
31	7. Icelandic j���������� impacts. <i>Developments in Quaternary Sciences</i> , 2005, , 153-203.	0.1	10
32	Hydrologic monitoring of supercooled meltwater from Icelandic glaciers. <i>Quaternary Science Reviews</i> , 2005, 24, 2308-2318.	3.0	35
33	Reconstruction of the largest Holocene j���������� within J��������; ��; Fj������, NE Iceland. <i>Quaternary Science Reviews</i> , 2005, 24, 2319-2334.	3.0	74
34	Palaeohydrology and sedimentary impacts of j���������� from Kverkfj����, Iceland. <i>Sedimentary Geology</i> , 2004, 172, 19-40.	2.1	58
35	Sedimentology of cold-climate aeolian sandsheet deposits in the Askja region of northeast Iceland. <i>Sedimentary Geology</i> , 2004, 166, 223-244.	2.1	73
36	Geomorphological evidence for j���������� from Kverkfj���� volcano, Iceland. <i>Geomorphology</i> , 2004, 63, 81-102.	2.6	75

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37	Hydrologic and geomorphic effects of temporary ice-dammed lake formation during jökulhlaups. <i>Earth Surface Processes and Landforms</i> , 2003, 28, 723-737.	2.5	35
38	High-energy sedimentation, Creag Aoil, Spean Bridge, Scotland: implications for meltwater movement and storage during Loch Lomond Stadial (Younger Dryas) ice retreat. <i>Journal of Quaternary Science</i> , 2003, 18, 415-430.	2.1	12
39	Possible Juventae Chasma subice volcanic eruptions and Maja Valles ice outburst floods on Mars: Implications of Mars Global Surveyor crater densities, geomorphology, and topography. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	57
40	Glaciohydraulic supercooling in Iceland. <i>Geology</i> , 2002, 30, 439.	4.4	65
41	Controls on englacial sediment deposition during the November 1996 jökulhlaup, Skeiðarjökull, Iceland. <i>Earth Surface Processes and Landforms</i> , 2001, 26, 935-952.	2.5	38
42	Flash flood at Sólheimajökull heralds the reawakening of an Icelandic subglacial volcano. <i>Geology Today</i> , 2000, 16, 102-106.	0.9	20
43	Ice fracturing during jökulhlaups: implications for englacial floodwater routing and outlet development. <i>Earth Surface Processes and Landforms</i> , 2000, 25, 1429-1446.	2.5	85
44	Rapid sediment entrainment and englacial deposition during jökulhlaups. <i>Journal of Glaciology</i> , 2000, 46, 349-351.	2.2	24
45	Controls on the formation and sudden drainage of glacier-impounded lakes: implications for jökulhlaup characteristics. <i>Progress in Physical Geography</i> , 1999, 23, 79-110.	3.2	166
46	An ice-contact rhythmite (turbidite) succession deposited during the November 1996 catastrophic outburst flood (jökulhlaup), Skeiðarjökull, Iceland. <i>Sedimentary Geology</i> , 1999, 127, 1-10.	2.1	67
47	A Younger Dryas (Loch Lomond Stadial) jökulhlaup deposit, Fort Augustus, Scotland. <i>Boreas</i> , 1998, 27, 231-242.	2.4	19
48	Late Devensian meltwater movement and storage within the Ochil Hills, central Scotland. <i>Scottish Journal of Geology</i> , 1995, 31, 65-78.	0.1	13
49	Effects of ice-front collapse and flood generation on a proglacial river channel near Kangerlussuaq (Søndre Strømfjord), west Greenland. <i>Hydrological Processes</i> , 1995, 9, 213-226.	2.6	19
50	Subglacial jökulhlaup deposition, Jotunheimen, Norway. <i>Sedimentary Geology</i> , 1994, 91, 131-144.	2.1	17
51	Obstacle marks produced by flow around stranded ice blocks during a glacier outburst flood (jökulhlaup) in west Greenland. <i>Sedimentology</i> , 1993, 40, 1091-1111.	3.1	57
52	Supraglacial lake drainage near Søndre Strømfjord, Greenland. <i>Journal of Glaciology</i> , 1993, 39, 431-433.	2.2	2
53	Most recent observations of the drainage of an ice-dammed lake at Russell Glacier, West Greenland, and a new hypothesis regarding mechanisms of drainage initiation. <i>Journal of Glaciology</i> , 1993, 39, 701-703.	2.2	6
54	Supraglacial lake drainage near Søndre Strømfjord, Greenland. <i>Journal of Glaciology</i> , 1993, 39, 431-433.	2.2	9

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55	Most recent observations of the drainage of an ice-dammed lake at Russell Glacier, West Greenland, and a new hypothesis regarding mechanisms of drainage initiation. <i>Journal of Glaciology</i> , 1993, 39, 701-703.	2.2	3
56	Observations on the Drainage of an Ice-Dammed Lake in West Greenland. <i>Journal of Glaciology</i> , 1990, 36, 72-74.	2.2	1
57	Extraordinary melt-water run-off near S�ndre Str�mfjord, West Greenland. <i>Journal of Glaciology</i> , 1990, 36, 353-353.	2.2	0
58	Extraordinary melt-water run-off near S�ndre Str�mfjord, West Greenland. <i>Journal of Glaciology</i> , 1990, 36, 353.	2.2	11
59	Observations on the Drainage of an Ice-Dammed Lake in West Greenland. <i>Journal of Glaciology</i> , 1990, 36, 72-74.	2.2	21
60	A Comparison of two Recent J�rkulhlaups from An Ice-dammed Lake, S�ndre Str�mfjord, West Greenland. <i>Journal of Glaciology</i> , 1989, 35, 157-162.	2.2	55