

# Joanne S Johnson

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,216  
citations

471509

17  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1451  
citing authors

#	ARTICLE	IF	CITATIONS
1	A community-based geological reconstruction of Antarctic Ice Sheet deglaciation since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 1-9.	3.0	228
2	Six million years of glacial history recorded in volcanic lithofacies of the James Ross Island Volcanic Group, Antarctic Peninsula. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 260, 122-148.	2.3	129
3	Reconstruction of ice-sheet changes in the Antarctic Peninsula since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 87-110.	3.0	129
4	Reconstruction of changes in the Amundsen Sea and Bellingshausen Sea sector of the West Antarctic Ice Sheet since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 55-86.	3.0	94
5	Volcanism in the Vitim Volcanic Field, Siberia: Geochemical Evidence for a Mantle Plume Beneath the Baikal Rift Zone. <i>Journal of Petrology</i> , 2005, 46, 1309-1344.	2.8	70
6	Rapid Thinning of Pine Island Glacier in the Early Holocene. <i>Science</i> , 2014, 343, 999-1001.	12.6	67
7	First exposure ages from the Amundsen Sea Embayment, West Antarctica: The Late Quaternary context for recent thinning of Pine Island, Smith, and Pope Glaciers. <i>Geology</i> , 2008, 36, 223.	4.4	52
8	Rapid deglaciation of Marguerite Bay, western Antarctic Peninsula in the Early Holocene. <i>Quaternary Science Reviews</i> , 2011, 30, 3338-3349.	3.0	48
9	Holocene deglacial history of the northeast Antarctic Peninsula – A review and new chronological constraints. <i>Quaternary Science Reviews</i> , 2011, 30, 3791-3802.	3.0	46
10	Late Cenozoic glacier-volcano interaction on James Ross Island and adjacent areas, Antarctic Peninsula region. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 709-731.	3.3	37
11	Exploring former subglacial Hodgson Lake, Antarctica Paper I: site description, geomorphology and limnology. <i>Quaternary Science Reviews</i> , 2009, 28, 2295-2309.	3.0	33
12	History of the Antarctic Peninsula Ice Sheet since the early Pliocene – Evidence from cosmogenic dating of Pliocene lavas on James Ross Island, Antarctica. <i>Global and Planetary Change</i> , 2009, 69, 205-213.	3.5	32
13	Zeolite compositions as proxies for eruptive paleoenvironment. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	26
14	New Last Glacial Maximum ice thickness constraints for the Weddell Sea Embayment, Antarctica. <i>Cryosphere</i> , 2019, 13, 2935-2951.	3.9	24
15	West Antarctic ice sheet change since the Last Glacial Period. <i>Eos</i> , 2007, 88, 189-190.	0.1	20
16	Abrupt mid-Holocene ice loss in the western Weddell Sea Embayment of Antarctica. <i>Earth and Planetary Science Letters</i> , 2019, 518, 127-135.	4.4	20
17	Deglaciation of Pope Glacier implies widespread early Holocene ice sheet thinning in the Amundsen Sea sector of Antarctica. <i>Earth and Planetary Science Letters</i> , 2020, 548, 116501.	4.4	20
18	Late Miocene Asterozoans (Echinodermata) in the James Ross Island Volcanic Group. <i>Antarctic Science</i> , 2006, 18, 117-122.	0.9	17

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19	Lichenometry on adelaide island, antarctic peninsula: size&#x2013;frequency studies, growth rates and snowpatches. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2010, 92, 111-124.	1.5	17
20	The deglacial history of NW Alexander Island, Antarctica, from surface exposure dating. <i>Quaternary Research</i> , 2012, 77, 273-280.	1.7	16
21	Glacial retreat in the Amundsen Sea sector, West Antarctica &#x201c; first cosmogenic evidence from central Pine Island Bay and the Kohler Range. <i>Quaternary Science Reviews</i> , 2014, 98, 166-173.	3.0	16
22	The last glaciation of Bear Peninsula, central Amundsen Sea Embayment of Antarctica: Constraints on timing and duration revealed by in situ cosmogenic <sup>14</sup> C and <sup>10</sup> Be dating. <i>Quaternary Science Reviews</i> , 2017, 178, 77-88.	3.0	16
23	Review article: Existing and potential evidence for Holocene grounding line retreat and readvance in Antarctica. <i>Cryosphere</i> , 2022, 16, 1543-1562.	3.9	16
24	The last deglaciation of Cape Adare, northern Victoria Land, Antarctica. <i>Antarctic Science</i> , 2008, 20, 581-587.	0.9	12
25	Relative sea-level data preclude major late Holocene ice-mass change in Pine Island Bay. <i>Nature Geoscience</i> , 2022, 15, 568-572.	12.9	12
26	Stability of the Antarctic Ice Sheet during the pre-industrial Holocene. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 500-515.	29.7	11
27	Comparing Glacial&#x2013;Geological Evidence and Model Simulations of Ice Sheet Change since the Last Glacial Period in the Amundsen Sea Sector of Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005827.	2.8	8