

Joanne S Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,216
citations

471477

17
h-index

526264

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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Lichenometry on adelaide island, antarctic peninsula: size–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 “ 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 ¹⁴ C and ¹⁰ 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 & Environment</i> , 2022, 3, 500-515. | 29.7 | 11 |
| 27 | Comparing Glacial–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 |