

# Steven Denyszyn

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,416  
citations

361413

20  
h-index

330143

37  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continental flood basalt weathering as a trigger for Neoproterozoic Snowball Earth. <i>Earth and Planetary Science Letters</i> , 2016, 446, 89-99.	4.4	215
2	Precise age determination of mafic and felsic intrusive rocks from the Permian Emeishan large igneous province (SW China). <i>Gondwana Research</i> , 2012, 22, 118-126.	6.0	214
3	Paleomagnetism and U-Pb geochronology of Franklin dykes in High Arctic Canada and Greenland: a revised age and paleomagnetic pole constraining block rotations in the Nares Strait region This is a companion paper to Denyszyn, S.W., Davis, D.W., and Halls, H.C. Paleomagnetism and U-Pb geochronology of the Clarence Head dykes, Arctic Canada: orthogonal emplacement of mafic dykes in a large igneous province. <i>Canadian Journal of Earth Sciences</i> . 2009, 46, 689-705.	1.3	89
4	Magmatic duration of the Emeishan large igneous province: Insight from northern Vietnam. <i>Geology</i> , 2020, 48, 457-461.	4.4	70
5	Sulfur and metal fertilization of the lower continental crust. <i>Lithos</i> , 2016, 244, 74-93.	1.4	67
6	Post-collisional alkaline magmatism as gateway for metal and sulfur enrichment of the continental lower crust. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 175-197.	3.9	65
7	U-Pb geochronology of 1.1 Ga diabase in the southwestern United States: Testing models for the origin of a post-Grenville large igneous province. <i>Lithosphere</i> , 2014, 6, 135-156.	1.4	63
8	Zircons from the Acraman impact melt rock (South Australia): Shock metamorphism, U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ systematics, and implications for the isotopic dating of impact events. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 161, 71-100.	3.9	48
9	Timing of collisional and post-collisional Pan-African Orogeny silicic magmatism in south-central Chad. <i>Precambrian Research</i> , 2017, 301, 113-123.	2.7	45
10	A 1.88 Ga giant radiating mafic dyke swarm across southern India and Western Australia. <i>Precambrian Research</i> , 2018, 308, 58-74.	2.7	45
11	Paleomagnetism of the Hart Dolerite (Kimberley, Western Australia) – A two-stage assembly of the supercontinent Nuna?. <i>Precambrian Research</i> , 2019, 329, 170-181.	2.7	43
12	Middle Permian paleomagnetism of the Sydney Basin, Eastern Gondwana: Testing Pangea models and the timing of the end of the Kiaman Reverse Superchron. <i>Tectonophysics</i> , 2017, 699, 178-198.	2.2	42
13	Paleomagnetism and U-Pb geochronology of the Clarence Head dykes, Arctic Canada: orthogonal emplacement of mafic dykes in a large igneous province. <i>Canadian Journal of Earth Sciences</i> , 2009, 46, 155-167.	1.3	40
14	Geochemical, biostratigraphic, and high-resolution geochronological constraints on the waning stage of Emeishan Large Igneous Province. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1969-1986.	3.3	39
15	A petrogenetic relationship between 2.37 Ga boninitic dyke swarms of the Indian Shield: Evidence from the Central Bastar Craton and the NE Dharwar Craton. <i>Gondwana Research</i> , 2019, 69, 193-211.	6.0	33
16	A bigger tent for CAMP. <i>Geology</i> , 2018, 46, 823-826.	4.4	30
17	Newly identified 1.89 Ga mafic dyke swarm in the Archean Yilgarn Craton, Western Australia suggests a connection with India. <i>Precambrian Research</i> , 2019, 329, 156-169.	2.7	27
18	Petrogenesis of the 1.85 Ga Sonakhan mafic dyke swarm, Bastar Craton, India. <i>Lithos</i> , 2019, 334-335, 88-101.	1.4	26

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19	Multidisciplinary study of a complex magmatic system: The Savannah Ni-Cu-Co Camp, Western Australia. <i>Ore Geology Reviews</i> , 2020, 117, 103292.	2.7	26
20	Revisiting the age and paleomagnetism of the Modipe Gabbro of South Africa. <i>Precambrian Research</i> , 2013, 238, 176-185.	2.7	22
21	Refining the chronostratigraphy of the Karoo Basin, South Africa: magnetostratigraphic constraints support an early Permian age for the Eccra Group. <i>Geophysical Journal International</i> , 2017, 211, 1354-1374.	2.4	19
22	Using Mesoproterozoic sedimentary geochemistry to reconstruct basin tectonic geography and link organic carbon productivity to nutrient flux from a Northern Australian large igneous Province. <i>Basin Research</i> , 2020, 32, 1734-1750.	2.7	19
23	$^{139}\text{Sm}$ - $^{147}\text{Sm}$ mafic dyke swarm in southwestern Yilgarn Craton marks Nuna to Rodinia transition in the West Australian Craton. <i>Precambrian Research</i> , 2018, 316, 291-304.	2.7	17
24	Ca. 820-640 Ma SIMS U-Pb age signal in the peripheral Vijayan Complex, Sri Lanka: Identifying magmatic pulses in the assembly of Gondwana. <i>Precambrian Research</i> , 2017, 294, 244-256.	2.7	15
25	Cryogenian magmatism along the north-western margin of Laurentia: Plume or rift?. <i>Precambrian Research</i> , 2018, 319, 144-157.	2.7	15
26	The 1.24-1.21 Ga Licheng Large Igneous Province in the North China Craton: Implications for Paleogeographic Reconstruction. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019005.	3.4	15
27	The influence of basement faults on local extension directions: Insights from potential field geophysics and field observations. <i>Basin Research</i> , 2019, 31, 782-807.	2.7	13
28	Magma generation and sulfide saturation of Permian mafic-ultramafic intrusions from the western part of the Northern Tianshan in NW China: implications for Ni-Cu mineralization. <i>Mineralium Deposita</i> , 2020, 55, 515-534.	4.1	11
29	Geochronology and geochemistry of the fossil-flora-bearing Wuda Tuff in North China Craton and its tectonic implications. <i>Lithos</i> , 2020, 364-365, 105485.	1.4	11
30	The oldest (~1.9 Ga) metadolerites of the southern Siberian craton: age, petrogenesis, and tectonic setting. <i>Russian Geology and Geophysics</i> , 2018, 59, 1548-1559.	0.7	6
31	A 1642 Ma age for the Fraynes Formation, Birrindudu Basin, confirms correlation with the economically significant Barney Creek Formation, McArthur Basin, Northern Territory. <i>Australian Journal of Earth Sciences</i> , 2020, 67, 321-330.	1.0	5
32	Dyke swarms: keys to paleogeographic reconstructions. <i>Science Bulletin</i> , 2016, 61, 1669-1671.	9.0	4
33	On the formation of magmatic sulphide systems in the lower crust by long-lived mass transfer through the lithosphere: Insights from the Valmaggia pipe, Ivrea Verbano Zone, Italy. <i>Terra Nova</i> , 2021, 33, 137-149.	2.1	4
34	Petrogenesis of silicic rocks from the Phan Si Pan-Tu Le region of the Emeishan large igneous province, northwestern Vietnam. <i>Geological Society Special Publication</i> , 0, , SP518-2020-253.	1.3	4
35	U-Pb geochronology of the Silurian-Devonian Bega Batholith, south-eastern Australia: Insights into the origin and development of I-type granites. <i>Gondwana Research</i> , 2022, 111, 1-19.	6.0	3
36	High-precision U-Pb geochronology of the Butedale pluton, British Columbia This article is one of a series of papers published in this Special Issue on the theme of Geochronology in honour of Tom Krogh. <i>Canadian Journal of Earth Sciences</i> , 2011, 48, 557-565.	1.3	2

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37	Comment on "A new model for the Paleogene motion of Greenland relative to North America: Plate reconstructions of the Davis Strait and Nares Strait regions between Canada and Greenland" by G. N. Oakey and J. A. Chalmers. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 360-363.	3.4	2
38	Geochemistry and Geochronology of Circumferential Dykes of the Franklin LIP: A Rotated Perspective on Plate Reconstruction. <i>Acta Geologica Sinica</i> , 2016, 90, 30-30.	1.4	2