Steven Denyszyn

List of Publications by Year
in descending order

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	U-Pb geochronology of the Silurian-Devonian Bega Batholith, south-eastern Australia: Insights into the origin and development of I-type granites. Gondwana Research, 2022, 111, 1-19.	6.0	3
2	On the formation of magmatic sulphide systems in the lower crust by longâ€lived mass transfer through the lithosphere: Insights from the Valmaggia pipe, Ivrea Verbano Zone, Italy. Terra Nova, 2021, 33, 137-149.	2.1	4
3	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. Mineralium Deposita, 2020, 55, 515-534.	4.1	11
4	A 1642â€‰Ma age for the Fraynes Formation, Birrindudu Basin, confirms correlation with the economically significant Barney Creek Formation, McArthur Basin, Northern Territory. Australian Journal of Earth Sciences, 2020, 67, 321-330.	1.0	5
5	Multidisciplinary study of a complex magmatic system: The Savannah Ni-Cu-Co Camp, Western Australia. Ore Geology Reviews, 2020, 117, 103292.	2.7	26
6	Geochronology and geochemistry of the fossil-flora-bearing Wuda Tuff in North China Craton and its tectonic implications. Lithos, 2020, 364-365, 105485.	1.4	11
7	Using Mesoproterozoic sedimentary geochemistry to reconstruct basin tectonic geography and link organic carbon productivity to nutrient flux from a Northern Australian large igneous Province. Basin Research, 2020, 32, 1734-1750.	2.7	19
8	Geochemical, biostratigraphic, and high-resolution geochronological constraints on the waning stage of Emeishan Large Igneous Province. Bulletin of the Geological Society of America, 2020, 132, 1969-1986.	3.3	39
9	Magmatic duration of the Emeishan large igneous province: Insight from northern Vietnam. Geology, 2020, 48, 457-461.	4.4	70
10	The 1.24â€“1.21ÂGa Licheng Large Igneous Province in the North China Craton: Implications for Paleogeographic Reconstruction. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019005.	3.4	15
11	A petrogenetic relationship between 2.37â€¯Ga boninitic dyke swarms of the Indian Shield: Evidence from the Central Bastar Craton and the NE Dharwar Craton. Gondwana Research, 2019, 69, 193-211.	6.0	33
12	Petrogenesis of the 1.85â€¯Ga Sonakhan mafic dyke swarm, Bastar Craton, India. Lithos, 2019, 334-335, 88-101.	1.4	26
13	The influence of basement faults on local extension directions: Insights from potential field geophysics and field observations. Basin Research, 2019, 31, 782-807.	2.7	13
14	Paleomagnetism of the Hart Dolerite (Kimberley, Western Australia) â€“ A two-stage assembly of the supercontinent Nuna?. Precambrian Research, 2019, 329, 170-181.	2.7	43
15	Newly identified 1.89â€¯Ga mafic dyke swarm in the Archean Yilgarn Craton, Western Australia suggests a connection with India. Precambrian Research, 2019, 329, 156-169.	2.7	27
16	A 1.88â€¯Ga giant radiating mafic dyke swarm across southern India and Western Australia. Precambrian Research, 2018, 308, 58-74.	2.7	45
17	Cryogenian magmatism along the north-western margin of Laurentia: Plume or rift?. Precambrian Research, 2018, 319, 144-157.	2.7	15
18	Post-collisional alkaline magmatism as gateway for metal and sulfur enrichment of the continental lower crust. Geochimica Et Cosmochimica Acta, 2018, 223, 175-197.	3.9	65

#	Article	IF	Citations
19	The oldest (~1.9 Ga) metadolerites of the southern Siberian craton: age, petrogenesis, and tectonic setting. Russian Geology and Geophysics, 2018, 59, 1548-1559.	0.7	6
20	A bigger tent for CAMP. Geology, 2018, 46, 823-826.	4.4	30
21	1.39â€Ga mafic dyke swarm in southwestern Yilgarn Craton marks Nuna to Rodinia transition in the West Australian Craton. Precambrian Research, 2018, 316, 291-304.	2.7	17
22	Middle Permian paleomagnetism of the Sydney Basin, Eastern Gondwana: Testing Pangea models and the timing of the end of the Kiaman Reverse Superchron. Tectonophysics, 2017, 699, 178-198.	2.2	42
23	Ca. 820â€“640 Ma SIMS U-Pb age signal in the peripheral Vijayan Complex, Sri Lanka: Identifying magmatic pulses in the assembly of Gondwana. Precambrian Research, 2017, 294, 244-256.	2.7	15
24	Timing of collisional and post-collisional Pan-African Orogeny silicic magmatism in south-central Chad. Precambrian Research, 2017, 301, 113-123.	2.7	45
25	Refining the chronostratigraphy of the Karoo Basin, South Africa: magnetostratigraphic constraints support an early Permian age for the Ecca Group. Geophysical Journal International, 2017, 211, 1354-1374.	2.4	19
26	Continental flood basalt weathering as a trigger for Neoproterozoic Snowball Earth. Earth and Planetary Science Letters, 2016, 446, 89-99.	4.4	215
27	Dyke swarms: keys to paleogeographic reconstructions. Science Bulletin, 2016, 61, 1669-1671.	9.0	4
28	Geochemistry and Geochronology of Circumferential Dykes of the Franklin LIP: A Rotated Perspective on Plate Reconstruction. Acta Geologica Sinica, 2016, 90, 30-30.	1.4	2
29	Sulfur and metal fertilization of the lower continental crust. Lithos, 2016, 244, 74-93.	1.4	67
30	Zircons from the Acraman impact melt rock (South Australia): Shock metamorphism, Uâ€“Pb and 40 Ar/39 Ar systematics, and implications for the isotopic dating of impact events. Geochimica Et Cosmochimica Acta, 2015, 161, 71-100.	3.9	48
31	Comment on â€œA 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 Greenlandâ€•by G. N. Oakey and J. A. Chalmers. Journal of Geophysical Research: Solid Earth, 2014, 119, 360-363.	3.4	2
32	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. Lithosphere, 2014, 6, 135-156.	1.4	63
33	Revisiting the age and paleomagnetism of the Modipe Gabbro of South Africa. Precambrian Research, 2013, 238, 176-185.	2.7	22
34	Precise age determination of mafic and felsic intrusive rocks from the Permian Emeishan large igneous province (SW China). Gondwana Research, 2012, 22, 118-126.	6.0	214
35	High-precision Uâ€“Pb geochronology of the Butedale pluton, British ColumbiaThis article is one of a series of papers published in this Special Issue on the theme of Geochronology in honour of Tom Krogh.. Canadian Journal of Earth Sciences, 2011, 48, 557-565.	1.3	2
36	Paleomagnetism and Uâ€“Pb geochronology of the Clarence Head dykes, Arctic Canada: orthogonal emplacement of mafic dykes in a large igneous province. Canadian Journal of Earth Sciences, 2009, 46, 155-167.	1.3	40

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37	Paleomagnetism and Uâ€“Pb geochronology of Franklin dykes in High Arctic Canada and Greenland: a revised age and paleomagnetic pole constraining block rotations in the Nares Strait regionThis is a companion paper to Denyszyn, S.W., Davis, D.W., and Halls, H.C. Paleomagnetism and Uâ€“Pb geochronology of the Clarence Head dykes, Arctic Canada: orthogonal emplacement of mafic dykes in a large igneous province. Canadian Journal of Earth Sciences, ‹b›46‹/b›(3): 155â€“167.. Canadian Journal of Earth Sciences, 2009, 46, 689-705.	1.3	89
38	Petrogenesis of silicic rocks from the Phan Si Panâ€“Tu Le region of the Emeishan large igneous province, northwestern Vietnam. Geological Society Special Publication, 0, , SP518-2020-253.	1.3	4