

Nicholas L Swanson-Hysell

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,219
citations

218677

26
h-index

223800

46
g-index

57
all docs

57
docs citations

57
times ranked

2109
citing authors

#	ARTICLE	IF	CITATIONS
1	Final inversion of the Midcontinent Rift during the Rigolet Phase of the Grenvillian Orogeny. <i>Geology</i> , 2022, 50, 547-551.	4.4	14
2	High geomagnetic field intensity recorded by anorthosite xenoliths requires a strongly powered late Mesoproterozoic geodynamo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	7
3	Rapid emplacement of massive Duluth Complex intrusions within the North American Midcontinent Rift. <i>Geology</i> , 2021, 49, 185-189.	4.4	21
4	The Paleogeography of Laurentia in Its Early Years: New Constraints From the Paleoproterozoic East-Central Minnesota Batholith. <i>Tectonics</i> , 2021, 40, e2021TC006751.	2.8	12
5	A Consistently High-Latitude South China From 820 to 780 Ma: Implications for Exclusion From Rodinia and the Feasibility of Large-Scale True Polar Wander. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021541.	3.4	16
6	Reply to Rugenstein et al.: Marine Sr and Os records do not preclude Neogene cooling through emergence of the Southeast Asian islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	2
7	Synchronous emplacement of the anorthosite xenolith-bearing Beaver River diabase and one of the largest lava flows on Earth. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009909.	2.5	3
8	Limited Carbon Cycle Response to Increased Sulfide Weathering Due to Oxygen Feedback. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094589.	4.0	9
9	The Precambrian paleogeography of Laurentia. , 2021, , 109-153.		15
10	An expanding list of reliable paleomagnetic poles for Precambrian tectonic reconstructions. , 2021, , 605-639.		21
11	The lead-up to the Sturtian Snowball Earth: Neoproterozoic chemostratigraphy time-calibrated by the Tambien Group of Ethiopia. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1119-1149.	3.3	22
12	Unraveling the Mineralogical Complexity of Sediment Iron Speciation Using Sequential Extractions. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008666.	2.5	34
13	Emergence of the Southeast Asian islands as a driver for Neogene cooling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25319-25326.	7.1	42
14	Failed rifting and fast drifting: Midcontinent Rift development, Laurentia's rapid motion and the driver of Grenvillian orogenesis. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 913-940.	3.3	72
15	New insights on the Orosirian carbon cycle, early Cyanobacteria, and the assembly of Laurentia from the Paleoproterozoic Belcher Group. <i>Earth and Planetary Science Letters</i> , 2019, 520, 141-152.	4.4	31
16	Claypool continued: Extending the isotopic record of sedimentary sulfate. <i>Chemical Geology</i> , 2019, 513, 200-225.	3.3	102
17	Arc-continent collisions in the tropics set Earth's climate state. <i>Science</i> , 2019, 364, 181-184.	12.6	171
18	Primary and Secondary Red Bed Magnetization Constrained by Fluvial Intraclasts. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4276-4289.	3.4	24

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19	Neoproterozoic glacial origin of the Great Unconformity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1136-1145.	7.1	100
20	A Paleozoic age for the Tunnunik impact structure. Meteoritics and Planetary Science, 2019, 54, 740-751.	1.6	3
21	A field like today's? The strength of the geomagnetic field 1.1 billion years ago. Geophysical Journal International, 2018, 213, 1969-1983.	2.4	18
22	Tropical weathering of the Taconic orogeny as a driver for Ordovician cooling: REPLY. Geology, 2018, 46, e437-e437.	4.4	0
23	The arc of the Snowball: U-Pb dates constrain the Islay anomaly and the initiation of the Sturtian glaciation. Geology, 2018, 46, 539-542.	4.4	49
24	Oxygenated Mesoproterozoic lake revealed through magnetic mineralogy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12938-12943.	7.1	25
25	The end of Midcontinent Rift magmatism and the paleogeography of Laurentia. Lithosphere, 2017, 9, 117-133.	1.4	73
26	PmagPy: Software package for paleomagnetic data analysis and a bridge to the Magnetism Information Consortium (MagIC) Database. Geochemistry, Geophysics, Geosystems, 2016, 17, 2450-2463.	2.5	213
27	Reply to Comment on "Pervasive remagnetization of detrital zircon host rocks in the Jack Hills, Western Australia and implications for records of the early dynamo". Earth and Planetary Science Letters, 2016, 450, 409-412.	4.4	13
28	A matter of minutes: Breccia dike paleomagnetism provides evidence for rapid crater modification. Geology, 2016, 44, 723-726.	4.4	5
29	The effects of 10 to >160 GPa shock on the magnetic properties of basalt and diabase. Geochemistry, Geophysics, Geosystems, 2016, 17, 4753-4771.	2.5	13
30	Preservation and detectability of shock-induced magnetization. Journal of Geophysical Research E: Planets, 2015, 120, 1461-1475.	3.6	31
31	Full vector low-temperature magnetic measurements of geologic materials. Geochemistry, Geophysics, Geosystems, 2015, 16, 301-314.	2.5	14
32	A new grand mean palaeomagnetic pole for the 1.11 Ga Umkondo large igneous province with implications for palaeogeography and the geomagnetic field. Geophysical Journal International, 2015, 203, 2237-2247.	2.4	39
33	Stratigraphy and geochronology of the Tambien Group, Ethiopia: Evidence for globally synchronous carbon isotope change in the Neoproterozoic. Geology, 2015, 43, 323-326.	4.4	69
34	Pervasive remagnetization of detrital zircon host rocks in the Jack Hills, Western Australia and implications for records of the early geodynamo. Earth and Planetary Science Letters, 2015, 430, 115-128.	4.4	44
35	Magmatic activity and plate motion during the latent stage of Midcontinent Rift development. Geology, 2014, 42, 475-478.	4.4	40
36	Confirmation of progressive plate motion during the Midcontinent Rift's early magmatic stage from the Osler Volcanic Group, Ontario, Canada. Geochemistry, Geophysics, Geosystems, 2014, 15, 2039-2047.	2.5	40

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37	Constraints on Neoproterozoic paleogeography and Paleozoic orogenesis from paleomagnetic records of the Bitter Springs Formation, Amadeus Basin, central Australia. <i>Numerische Mathematik</i> , 2012, 312, 817-884.	1.4	73
38	Rock magnetism of remagnetized carbonate rocks: another look. <i>Geological Society Special Publication</i> , 2012, 371, 229-251.	1.3	57
39	Cryogenian glaciations on the southern tropical paleomargin of Laurentia (NE Svalbard and East) Tj ETQq1 1 0.784314 rgBT /Overlock Research, 2012, 206-207, 137-158.	2.7	62
40	Constraints on the origin and relative timing of the Trezona $\delta^{13}C$ anomaly below the end-Cryogenian glaciation. <i>Earth and Planetary Science Letters</i> , 2012, 319-320, 241-250.	4.4	42
41	Self-reversed magnetization held by martite in basalt flows from the 1.1-billion-year-old Keweenawan rift, Canada. <i>Earth and Planetary Science Letters</i> , 2011, 305, 171-184.	4.4	20
42	Cryogenian Glaciation and the Onset of Carbon-Isotope Decoupling. <i>Science</i> , 2010, 328, 608-611.	12.6	164
43	Paleomagnetism of impact spherules from Lonar crater, India and a test for impact-generated fields. <i>Earth and Planetary Science Letters</i> , 2010, 298, 66-76.	4.4	29
44	No asymmetry in geomagnetic reversals recorded by 1.1-billion-year-old Keweenawan basalts. <i>Nature Geoscience</i> , 2009, 2, 713-717.	12.9	72
45	Detrital-zircon geochronology of the eastern Magallanes foreland basin: Implications for Eocene kinematics of the northern Scotia Arc and Drake Passage. <i>Earth and Planetary Science Letters</i> , 2009, 284, 489-503.	4.4	100
46	U-Pb zircon constraints on the age and provenance of the Rocas Verdes basin fill, Tierra del Fuego, Argentina. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	26
47	An Appalachian Amazon? Magnetofossil evidence for the development of a tropical river-like system in the mid-Atlantic United States during the Paleocene-Eocene thermal maximum. <i>Paleoceanography</i> , 2009, 24, .	3.0	84
48	Reply to Garc�s et al. comment on "The diachroneity of alluvial-fan lithostratigraphy? A test case from southeastern Ebro Basin magnetostratigraphy". <i>Earth and Planetary Science Letters</i> , 2008, 275, 187-192.	4.4	2
49	Paleomagnetism of Lonar impact crater, India. <i>Earth and Planetary Science Letters</i> , 2008, 275, 308-319.	4.4	43
50	The diachroneity of alluvial-fan lithostratigraphy? A test case from southeastern Ebro basin magnetostratigraphy. <i>Earth and Planetary Science Letters</i> , 2007, 262, 343-362.	4.4	9
51	Tropical weathering of the Taconic orogeny as a driver for Ordovician cooling. <i>Geology</i> , 0, , G38985.1.	4.4	13