

Jonathan O'Neil

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,674
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for early life in Earth's oldest hydrothermal vent precipitates. <i>Nature</i> , 2017, 543, 60-64.	27.8	522
2	Neodymium-142 Evidence for Hadean Mafic Crust. <i>Science</i> , 2008, 321, 1828-1831.	12.6	301
3	Formation age and metamorphic history of the Nuvvuagittuq Greenstone Belt. <i>Precambrian Research</i> , 2012, 220-221, 23-44.	2.7	134
4	Implications of the Nuvvuagittuq Greenstone Belt for the Formation of Earth's Early Crust. <i>Journal of Petrology</i> , 2011, 52, 985-1009.	2.8	133
5	The elusive Hadean enriched reservoir revealed by 142Nd deficits in Isua Archean rocks. <i>Nature</i> , 2012, 491, 96-100.	27.8	95
6	Hadean greenstones from the Nuvvuagittuq fold belt and the origin of the Earth's early continental crust. <i>Geology</i> , 2012, 40, 363-366.	4.4	88
7	New insights into the Hadean mantle revealed by 182W and highly siderophile element abundances of supracrustal rocks from the Nuvvuagittuq Greenstone Belt, Quebec, Canada. <i>Chemical Geology</i> , 2014, 383, 63-75.	3.3	67
8	Building Archean cratons from Hadean mafic crust. <i>Science</i> , 2017, 355, 1199-1202.	12.6	66
9	Atmospheric record in the Hadean Eon from multiple sulfur isotope measurements in Nuvvuagittuq Greenstone Belt (Nunavik, Quebec). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 707-712.	7.1	51
10	Geochemistry and Nd isotopic characteristics of Earth's Hadean mantle and primitive crust. <i>Earth and Planetary Science Letters</i> , 2016, 442, 194-205.	4.4	51
11	Age and tectonic implications of Paleoproterozoic mafic dyke swarms for the origin of 2.2Ga enriched lithosphere beneath the Ungava Peninsula, Canada. <i>Precambrian Research</i> , 2009, 174, 163-180.	2.7	43
12	The nature of Earth's first crust. <i>Chemical Geology</i> , 2019, 530, 119321.	3.3	40
13	Widespread occurrences of variably crystalline 13C-depleted graphitic carbon in banded iron formations. <i>Earth and Planetary Science Letters</i> , 2019, 512, 163-174.	4.4	28
14	U-Pb ages (3.8–2.7 Ga) and Nd isotope data from the newly identified Eoarchean Nuvvuagittuq supracrustal belt, Superior Craton, Canada. <i>Bulletin of the Geological Society of America</i> , 2006, preprint, 1.	3.3	13
15	Response to Comment on "Neodymium-142 Evidence for Hadean Mafic Crust" <i>Science</i> , 2009, 325, 267-267.	12.6	13
16	Over one billion years of Archean crust evolution revealed by zircon U-Pb and Hf isotopes from the Saglek-Hebron complex. <i>Precambrian Research</i> , 2021, 359, 106092.	2.7	11
17	The Nuvvuagittuq Greenstone Belt. , 2019, , 349-374.		6
18	Spinel and Aspidolite from the Des C�dres Dam Occurrence, Notre-Dame-du-Laus, Qu�bec, Canada. <i>Rocks and Minerals</i> , 2016, 91, 448-452.	0.1	2