

Wouter Bleeker

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,525
citations

257450

24
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1778
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing and tempo of the Great Oxidation Event. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1811-1816.	7.1	361
2	Large igneous provinces (LIPs), giant dyke swarms, and mantle plumes: significance for breakup events within Canada and adjacent regions from 2.5 Ga to the Present. This article is one of a selection of papers published in this Special Issue on the theme "Lithoprobe" parameters, processes, and the evolution of a continent. Lithoprobe Contribution 1482. Geological Survey of Canada Contribution 20100072.. Canadian Journal of Earth Sciences, 2010, 47, 695-739.	1.3	337
3	U-Pb baddeleyite ages, distribution and geochemistry of 925Ma mafic dykes and 900Ma sills in the North China craton: Evidence for a Neoproterozoic mantle plume. Lithos, 2011, 127, 210-221.	1.4	212
4	The Central Slave Basement Complex, Part I: its structural topology and autochthonous cover. Canadian Journal of Earth Sciences, 1999, 36, 1083-1109.	1.3	159
5	Short-lived mantle generated magmatic events and their dyke swarms. , 2006, , 3-26.		99
6	Archaean tectonics: a review, with illustrations from the Slave craton. Geological Society Special Publication, 2002, 199, 151-181.	1.3	88
7	In situ U-Pb SIMS (IN-SIMS) micro-baddeleyite dating of mafic rocks: Method with examples. Precambrian Research, 2010, 183, 379-387.	2.7	86
8	Component geochronology in the polyphase ca. 3920 Ma Acasta Gneiss. Geochimica Et Cosmochimica Acta, 2014, 133, 68-96.	3.9	75
9	Detrital zircon geochronology and grain-size analysis of a \sim 2800 Ma Mesoarchean proto-cratonic cover succession, Slave Province, Canada. Earth and Planetary Science Letters, 2001, 189, 207-220.	4.4	74
10	Emplacement ages of Paleoproterozoic mafic dyke swarms in eastern Dharwar craton, India: Implications for paleoreconstructions and support for a \sim 30° change in dyke trends from south to north. Precambrian Research, 2019, 329, 26-43.	2.7	74
11	The Central Slave Basement Complex, Part II: age and tectonic significance of high-strain zones along the basement-cover contact. Canadian Journal of Earth Sciences, 1999, 36, 1111-1130.	1.3	69
12	Timing of plutonism, deformation, and metamorphism in the Yellowknife Domain, Slave Province, Canada. Canadian Journal of Earth Sciences, 1999, 36, 1169-1187.	1.3	68
13	Needs and opportunities in mineral evolution research. American Mineralogist, 2011, 96, 953-963.	1.9	61
14	Stratigraphy and U-Pb zircon geochronology of Kidd Creek: implications for the formation of giant volcanogenic massive sulphide deposits and the tectonic history of the Abitibi greenstone belt. Canadian Journal of Earth Sciences, 1996, 33, 1213-1231.	1.3	58
15	Emplacement and deformation of granites during transpression: magnetic fabrics of the Archean Sparrow pluton, Slave Province, Canada. Journal of Structural Geology, 1998, 20, 1247-1259.	2.3	58
16	Towards a "natural" time scale for the Precambrian - A proposal. Lethaia, 2004, 37, 219-222.	1.4	47
17	The 1991-1996 NATMAP Slave Province Project: Introduction. Canadian Journal of Earth Sciences, 1999, 36, 1033-1042.	1.3	43
18	Lu-Hf isotope systematics of the Hadean-Eoarchean Acasta Gneiss Complex (Northwest Territories), Tj ETQq0,0,0 rgBT /Qverlock 1	3.9	41

#	ARTICLE	IF	CITATIONS
19	Evolution of an Archean basement complex and its autochthonous cover, southern Slave Province, Canada. <i>Precambrian Research</i> , 2004, 135, 149-176.	2.7	37
20	Paleomagnetism of ca. 2.13–2.11 Ga Indian and ca. 1.885 Ga Ghost dyke swarms of the Slave craton: Implications for the Slave craton APW path and relative drift of Slave, Superior and Siberian cratons in the Paleoproterozoic. <i>Precambrian Research</i> , 2016, 275, 151-175.	2.7	33
21	Laser $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronology of Archean rocks in Yellowknife Domain, southwestern Slave Province: insights into the cooling history of an Archean granite-greenstone terrane. <i>Canadian Journal of Earth Sciences</i> , 1999, 36, 1189-1206.	1.3	32
22	Evidence for evolved Hadean crust from Sr isotopes in apatite within Eoarchean zircon from the Acasta Gneiss Complex. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 450-462.	3.9	32
23	Wyoming on the run—Toward final Paleoproterozoic assembly of Laurentia. <i>Geology</i> , 2016, 44, 863-866.	4.4	31
24	Palaeomagnetism, geochronology and geochemistry of the Palaeoproterozoic Rabbit Creek and Powder River dyke swarms: implications for Wyoming in supercraton Superia. <i>Geological Society Special Publication</i> , 2016, 424, 15-45.	1.3	21
25	Two Distinct Ages of Neoproterozoic Turbidites in the Western Slave Craton: Further Evidence and Implications for a Possible Back-Arc Model. <i>Journal of Geology</i> , 2009, 117, 15-36.	1.4	20
26	A template for an improved rock-based subdivision of the pre-Cryogenian timescale. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	18
27	The Archean deep-marine environment: turbidite architecture of the Burwash Formation, Slave Province, Northwest Territories. <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 935-954.	1.3	12
28	Widespread poly-metamorphosed Archean granitoid gneisses and supracrustal enclaves of the southern Inukjuak Domain, Québec (Canada). <i>Lithos</i> , 2020, 364-365, 105520.	1.4	8
29	Paleomagnetism and rock magnetism of the ca. 1.87 Ga Pearson Formation, Northwest Territories, Canada: A test of vertical-axis rotation within the Great Slave basin. <i>Precambrian Research</i> , 2018, 305, 295-309.	2.7	5
30	Shallow marine basaltic volcanism of the Machadodorp Member (Silverton Formation, Pretoria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 activity in an epeiric embayment. <i>Precambrian Research</i> , 2020, 338, 105580.	2.7	4
31	Redox fluctuation and $\delta^{13}\text{C}_{\text{org}}$ - $\delta^{34}\text{S}$ perturbations recorded in the 1.9 Ga Nuvilik Formation of the Cape Smith belt, Canada. <i>Precambrian Research</i> , 2021, 359, 106191.	2.7	3