Allen Nutman

List of Publications by Year
in descending order

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204 papers	16,155 citations	12303 69 h-index	17546 121 g-index
210 all docs	210 docs citations	210 times ranked	5943 citing authors

#	Article	IF	Citations
1	Remnants of â‰¥3800 Ma crust in the Chinese part of the Sino-Korean craton. Geology, 1992, 20, 339.	2.0	1,283
2	Evidence for life on Earth before 3,800 million years ago. Nature, 1996, 384, 55-59.	13.7	1,188
3	3800 to 2500 Ma crustal evolution in the Anshan area of Liaoning Province, northeastern China. Precambrian Research, 1996, 78, 79-94.	1.2	574
4	Rapid emergence of life shown by discovery of 3,700-million-year-old microbial structures. Nature, 2016, 537, 535-538.	13.7	458
5	The Itsaq Gneiss Complex of southern West Greenland; the world's most extensive record of early crustal evolution (3900-3600 Ma). Precambrian Research, 1996, 78, 1-39.	1.2	450
6	Sm-Nd studies of Archaean metasediments and metavolcanics from West Greenland and their implications for the Earth's early history. Earth and Planetary Science Letters, 1983, 62, 263-272.	1.8	324
7	Constraints on early Earth differentiation from hafnium and neodymium isotopes. Nature, 1996, 379, 624-627.	13.7	316
8	Iron isotopes may reveal the redox conditions of mantle melting from Archean to Present. Earth and Planetary Science Letters, 2009, 288, 255-267.	1.8	260
9	Multistage late Neoarchaean crustal evolution of the North China Craton, eastern Hebei. Precambrian Research, 2011, 189, 43-65.	1.2	253
10	Nd isotopic evidence for transient, highly depleted mantle reservoirs in the early history of the Earth. Earth and Planetary Science Letters, 1993, 119, 299-317.	1.8	240
11	Coupled ¹⁴² Nd- ¹⁴³ Nd Isotopic Evidence for Hadean Mantle Dynamics. Science, 2007, 318, 1907-1910.	6.0	215
12	A connection between the Neoproterozoic Dom Feliciano (Brazil/Uruguay) and Gariep (Namibia/South) Tj ETQq0 0 0 rgBT /Overlock 10 T 2005, 139, 195-221.	1.2	212
13	Recognition of â‰¥3850 Ma water-lain sediments in West Greenland and their significance for the early Archaean Earth. Geochimica Et Cosmochimica Acta, 1997, 61, 2475-2484.	1.6	186
14	â^¼ 3710 and â³– 3790 Ma volcanic sequences in the Isua (Greenland) supracrustal belt; structural and Nd isotope implications. Chemical Geology, 1997, 141, 271-287.	1.4	186
15	30 million years of Permian volcanism recorded in the Choiyoi igneous province (W Argentina) and their source for younger ash fall deposits in the ParanÃ¡ Basin: SHRIMP Uâ€“Pb zircon geochronology evidence. Gondwana Research, 2011, 19, 509-523.	3.0	180
16	Late Archaean terrane accretion in the GodthÃ¥b region, southern West Greenland. Nature, 1988, 335, 535-538.	13.7	177
17	Meta-igneous (non-gneissic) tonalites and quartz-diorites from an extensive ca. 3800 Ma terrain south of the Isua supracrustal belt, southern West Greenland: constraints on early crust formation. Contributions To Mineralogy and Petrology, 1999, 137, 364-388.	1.2	167
18	In situ Uâ€“Pb, O and Hf isotopic compositions of zircon and olivine from Eoarchaean rocks, West Greenland: New insights to making old crust. Geochimica Et Cosmochimica Acta, 2009, 73, 4489-4516.	1.6	166

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19	Stratigraphic and geochemical evidence for the depositional environment of the early archaean isua supracrustal belt, southern west greenland. Precambrian Research, 1984, 25, 365-396.	1.2	164
20	Episodic Paleoproterozoic (â^¼2.45, â^¼1.95 and â^¼1.85Ga) mafic magmatism and associated high temperature metamorphism in the Daqingshan area, North China Craton: SHRIMP zircon Uâ€“Pb dating and whole-rock geochemistry. Precambrian Research, 2013, 224, 71-93.	1.2	159
21	New 1:20,000 scale geological maps, synthesis and history of investigation of the Isua supracrustal belt and adjacent orthogneisses, southern West Greenland: A glimpse of Eoarchaean crust formation and orogeny. Precambrian Research, 2009, 172, 189-211.	1.2	147
22	New pieces to the Archaean terrane jigsaw puzzle in the Nuuk region, southern West Greenland: steps in transforming a simple insight into a complex regional tectonothermal model. Journal of the Geological Society, 2005, 162, 147-162.	0.9	146
23	Multiple 3.8â€“3.1Ga tectono-magmatic events in a newly discovered area of ancient rocks (the) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	142
24	Early Archaean granulite-facies metamorphism south of Ameralik, West Greenland. Earth and Planetary Science Letters, 1980, 50, 59-74.	1.8	137
25	Evidence for 3650-3600 Ma assembly of the northern end of the Itsaq Gneiss Complex, Greenland: Implication for early Archaean tectonics. Tectonics, 2002, 21, 5-1-5-28.	1.3	135
26	Age of Palaeozoic granites and metamorphism in the Tuvino-Mongolian Massif of the Central Asian Mobile Belt: loss of a Precambrian microcontinent. Precambrian Research, 2001, 110, 143-164.	1.2	130
27	Inventory and assessment of Palaeoarchaean gneiss terrains and detrital zircons in southern West Greenland. Precambrian Research, 2004, 135, 281-314.	1.2	130
28	Evolution and assembly of Archean Gneiss Terranes in the GodthÃ¥bsfjord Region, southern west Greenland: Structural, metamorphic, and isotopic evidence. Tectonics, 1989, 8, 573-589.	1.3	127
29	The early Archaean Itsaq Gneiss Complex of southern West Greenland: the importance of field observations in interpreting age and isotopic constraints for early terrestrial evolution. Geochimica Et Cosmochimica Acta, 2000, 64, 3035-3060.	1.6	127
30	Evidence for subduction at 3.8ÂGa: Geochemistry of arc-like metabasalts from the southern edge of the Isua Supracrustal Belt. Chemical Geology, 2009, 261, 83-98.	1.4	122
31	West Gondwana amalgamation based on detrital zircon ages from Neoproterozoic Ribeira and Dom Feliciano belts of South America and comparison with coeval sequences from SW Africa. Geological Society Special Publication, 2008, 294, 239-256.	0.8	121
32	SHRIMP U-Pb geochronology and metamorphic history of the Smallefjord sequence, NE Greenland Caledonides. Journal of the Geological Society, 1995, 152, 779-784.	0.9	117
33	Late Mesoproterozoic to early Neoproterozoic history of the East Greenland Caledonides: evidence for Grenvillian orogenesis?. Journal of the Geological Society, 2000, 157, 1215-1225.	0.9	116
34	Chronology and evolution of the Middle Proterozoic Albanyâ€Fraser Orogen, Western Australia. Australian Journal of Earth Sciences, 1995, 42, 481-495.	0.4	113
35	From source migmatites to plutons: tracking the origin of ca. 435 Ma S-type granites in the East Greenland Caledonian orogen. Lithos, 2001, 57, 1-21.	0.6	109
36	The 3.4â€“3.5 Ga SÃ£o JosÃ© do Campestre massif, NE Brazil: remnants of the oldest crust in South America. Precambrian Research, 2004, 130, 113-137.	1.2	108

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37	The aldan shield of siberia, USSR: the age of its archaean components and evidence for widespread reworking in the mid-proterozoic. Precambrian Research, 1992, 54, 195-210.	1.2	106
38	SHRIMP U-Pb zircon geochronology of the Narryer Gneiss Complex, Western Australia. Precambrian Research, 1991, 52, 275-300.	1.2	105
39	Constraints on mantle evolution from 187Os/188Os isotopic compositions of Archean ultramafic rocks from southern West Greenland (3.8 Ga) and Western Australia (3.46 Ga). Geochimica Et Cosmochimica Acta, 2002, 66, 2615-2630.	1.6	105
40	Adjacent terranes with ca. 2715 and 2650Ma high-pressure metamorphic assemblages in the Nuuk region of the North Atlantic Craton, southern West Greenland: Complexities of Neoarchaean collisional orogeny. Precambrian Research, 2007, 155, 159-203.	1.2	105
41	Anatomy of an Early Archean gneiss complex: 3900 to 3600 Ma crustal evolution in southern West Greenland. Geology, 1993, 21, 415.	2.0	104
42	Very early Archean crustal-accretion complexes preserved in the North Atlantic craton. Geology, 1991, 19, 791.	2.0	103
43	Geochronology and isotopic variation of the early Archaean Amitsoq gneisses of the Isukasia area, southern West Greenland. Geochimica Et Cosmochimica Acta, 1986, 50, 2173-2183.	1.6	100
44	Early Archaean Amï¿½tsoq tonalites and granites of the Isukasia area, southern West Greenland: development of the oldest-known sial. Contributions To Mineralogy and Petrology, 1986, 94, 137-148.	1.2	100
45	Late-Archaean tectonics in the FÃ¦ringehavnâ€“Tre BrÃ¸dre area, south of Buksefjorden, southern West Greenland. Journal of the Geological Society, 1987, 144, 369-376.	0.9	99
46	Palaeoproterozoic basement province in the Caledonian fold belt of North-East Greenland. Precambrian Research, 1993, 63, 163-178.	1.2	99
47	Abyssal peridotites >3,800ÂMa from southern West Greenland: field relationships, petrography, geochronology, whole-rock and mineral chemistry of dunite and harzburgite inclusions in the Itsaq Gneiss Complex. Contributions To Mineralogy and Petrology, 2002, 143, 71-92.	1.2	99
48	The zircon geochronology of the Akilia association and Isua supracrustal belt, West Greenland. Earth and Planetary Science Letters, 1984, 68, 221-228.	1.8	98
49	The late Archaean mobile belt through Godthabsfjord, southern West Greenland: a continent-continent collision zone?. Bulletin of the Geological Society of Denmark, 1991, 39, 179-197.	1.1	95
50	Provenance and chemostratigraphy of the Neoproterozoic West Congolian Group in the Democratic Republic of Congo. Journal of African Earth Sciences, 2006, 46, 221-239.	0.9	91
51	Detrital zircon sedimentary provenance ages for the Eoarchaean Isua supracrustal belt southern West Greenland: Juxtaposition of an imbricated ca. 3700Ma juvenile arc against an older complex with 3920â€“3760Ma components. Precambrian Research, 2009, 172, 212-233.	1.2	91
52	3.96 Ga zircons from an Archean quartzite, Beartooth Mountains, Montana. Geology, 1992, 20, 327.	2.0	86
53	SHRIMP Uâ€“Pb monazite dating of 1600â€“1580 Ma amphibolite facies metamorphism in the southeastern Mt Isa Block, Australia. Australian Journal of Earth Sciences, 2002, 49, 455-465.	0.4	86
54	Complex 3670â€“3500 Ma Orogenic Episodes Superimposed on Juvenile Crust Accreted between 3850 and 3690 Ma, Itsaq Gneiss Complex, Southern West Greenland. Journal of Geology, 2005, 113, 375-397.	0.7	85

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55	Anatomy of the Early Proterozoic Nagssugtoqidian orogen, West Greenland, explored by reconnaissance SHRIMP U-Pb zircon dating. Geology, 1996, 24, 515.	2.0	83
56	Devonian to Carboniferous collision in the Greenland Caledonides: U-Pb zircon and Sm-Nd ages of high-pressure and ultrahigh-pressure metamorphism. Contributions To Mineralogy and Petrology, 2004, 148, 216-235.	1.2	81
57	Ti-in-zircon thermometry applied to contrasting Archean metamorphic and igneous systems. Chemical Geology, 2008, 247, 323-338.	1.4	81
58	Response of zircon U?Pb isotopes and whole-rock geochemistry to CO2 fluid-induced granulite-facies metamorphism, Kabbaldurga, Karnataka, South India. Contributions To Mineralogy and Petrology, 1992, 111, 299-310.	1.2	80
59	Geochronology of Proterozoic basement inliers in the Colombian Andes: tectonic history of remnants of a fragmented Grenville belt. Geological Society Special Publication, 2005, 246, 329-346.	0.8	79
60	Evidence for Neoproterozoic orogenesis and early high temperature Scandian deformation events in the southern East Greenland Caledonides. Geological Magazine, 2003, 140, 309-333.	0.9	78
61	Precambrian zircons from the Florida basement: A Gondwanan connection. Geology, 1994, 22, 119.	2.0	77
62	Caledonian eclogite-facies metamorphism of Early Proterozoic protoliths from the North-East Greenland Eclogite Province. Contributions To Mineralogy and Petrology, 1998, 130, 103-120.	1.2	77
63	Zirconology of the Meeberrie gneiss, Yilgarn Craton, Western Australia: an early Archaean migmatite. Precambrian Research, 1996, 78, 165-178.	1.2	76
64	Implications for Rodinia reconstructions for the initiation of Neoproterozoic subduction at ~860Ma on the western margin of the Yangtze Block: Evidence from the Guandaoshan Pluton. Lithos, 2014, 196-197, 67-82.	0.6	75
65	Evidence for multiple Palaeoproterozoic thermal events and magmatism adjacent to the Broken Hill Pbî—Znî—Ag orebody, Australia. Precambrian Research, 1998, 90, 203-238.	1.2	74
66	Gondwanan Eoarcheanâ€“Neoproterozoic ancient crustal material in Iran and Turkey: zircon Uâ€“Pbâ€“Hf isotopic evidence. Canadian Journal of Earth Sciences, 2014, 51, 272-285.	0.6	74
67	Uâ€Pb Zircon Geochronology and Nd Isotopic Signatures of the Preâ€Mesozoic Metamorphic Basement of the Eastern Peruvian Andes: Growth and Provenance of a Late Neoproterozoic to Carboniferous Accretionary Orogen on the Northwest Margin of Gondwana. Journal of Geology, 2009, 117, 285-305.	0.7	73
68	The Beja Layered Gabbroic Sequence (Ossa-Morena Zone, Southern Portugal): geochronology and geodynamic implications. Geodinamica Acta, 2007, 20, 139-157.	2.2	72
69	Seawater-like trace element signatures (REEÂ+ÂY) of Eoarchaean chemical sedimentary rocks from southern West Greenland, and their corruption during high-grade metamorphism. Contributions To Mineralogy and Petrology, 2008, 155, 229-246.	1.2	71
70	Archaean structural evolution in the northwest of the Buksefjorden Region, southern West Greenland. Precambrian Research, 1979, 9, 199-226.	1.2	70
71	Geochronological Systematics on Basement Rocks from the RÃo Negro-Juruena Province (Amazonian) Tj ETQq1 1 0.784314 rgBT /Over	1.1	70
72	Uâ€“Pb zircon ages of KangÃ¢miut dykes and detrital zircons in metasediments in the Palaeoproterozoic Nagssugtoqidian Orogen (West Greenland). Precambrian Research, 1999, 93, 87-104.	1.2	70

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73	SHRIMP Uî—¸Pb zircon geochronology of Archaean granitoids from the Contendas-Mirante area of the SÃ£o Francisco Craton, Bahia, Brazil. Precambrian Research, 1993, 63, 179-188.	1.2	69
74	A Chronostratigraphic Division of the Precambrian. , 2012, , 299-392.		69
75	â^¼3,850ÂMa tonalites in the Nuuk region, Greenland: geochemistry and their reworking within an Eoarchaean gneiss complex. Contributions To Mineralogy and Petrology, 2007, 154, 385-408.	1.2	68
76	The basement of the Punta del Este Terrane (Uruguay): an African Mesoproterozoic fragment at the eastern border of the South American RÃo de La Plata craton. International Journal of Earth Sciences, 2011, 100, 289-304.	0.9	68
77	The Itsaq Gneiss Complex of Greenland: Episodic 3900 to 3660 Ma juvenile crust formation and recycling in the 3660 to 3600 Ma Isukasian orogeny. Numerische Mathematik, 2013, 313, 877-911.	0.7	68
78	Early Archean crust in the northern Wyoming province. Precambrian Research, 1998, 91, 295-307.	1.2	67
79	The Nagssugtoqidian orogen in South-East Greenland: Evidence for Paleoproterozoic collision and plate assembly. Numerische Mathematik, 2008, 308, 529-572.	0.7	67
80	On the scarcity of >3900 Ma detrital zircons in â‰¥3500 Ma metasediments. Precambrian Research, 2001, 105, 93-114.	1.2	65
81	Paleo- to Eoarchean crustal evolution in eastern Hebei, North China Craton: New evidence from SHRIMP Uâ€“Pb dating and in-situ Hf isotopic study of detrital zircons from paragneisses. Journal of Asian Earth Sciences, 2013, 78, 4-17.	1.0	65
82	Palaeoproterozoic thermal events recorded in the â^¼4.0 Ga Acasta gneiss, Canada: evidence from SHRIMP U-Pb dating of apatite and zircon. Geochimica Et Cosmochimica Acta, 1999, 63, 899-905.	1.6	63
83	â‰¥3700Ma pre-metamorphic dolomite formed by microbial mediation in the Isua supracrustal belt (W.) Tj ETQq1 1 0.784314 rgBT	1.2	62
84	Geochronological constraints on the evolution of the Embu Complex, SÃ£o Paulo, Brazil. Journal of South American Earth Sciences, 2002, 14, 903-910.	0.6	61
85	Crustal growth and crustal recycling in the Nagssugtoqidian orogen of West Greenland:. Precambrian Research, 1998, 91, 365-381.	1.2	60
86	The tectonic evolution of a <scp>N</scp>eoâ€<scp>T</scp>ethyan (<scp>E</scp>oceneâ€“<scp>O</scp>ligocene) islandâ€arc (<scp>W</scp>alash and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (<s <scp>I</scp>raqi <scp>Z</scp>agros <scp>S</scp>uture <scp>Z</scp>one. Island Arc, 2013, 22, 104-125.	0.5	60
87	Largeâ€scale crustal structure of the Northwestern Yilgarn Craton, western Australia: Evidence from Nd isotopic data and zircon geochronology. Tectonics, 1993, 12, 971-981.	1.3	59
88	Eoarchean ophiolites? New evidence for the debate on the Isua supracrustal belt, southern West Greenland. Numerische Mathematik, 2010, 310, 826-861.	0.7	59
89	U-Pb Zircon Dating of Ash Fall Deposits from the Paleozoic ParanÃ¡ Basin of Brazil and Uruguay: A Reevaluation of the Stratigraphic Correlations. Journal of Geology, 2019, 127, 167-182.	0.7	59
90	Palaeoproterozoic and Archaean gneiss complexes in northern Greenland: Palaeoproterozoic terrane assembly in the High Arctic. Precambrian Research, 2008, 161, 419-451.	1.2	57

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91	The iron-rich suite from the Amï¿½tsoq gneisses of southern West Greenland: early Archaean plutonic rocks of mixed crustal and mantle origin. Contributions To Mineralogy and Petrology, 1984, 87, 24-34.	1.2	56
92	Extended history of a 3.5 Ga trondhjemitic gneiss, Wyoming Province, USA: evidence from Uî—¸Pb systematics in zircon. Precambrian Research, 1996, 78, 41-52.	1.2	54
93	â©¾3850 Ma BIF and mafic inclusions in the early Archaean Itsaq Gneiss Complex around Akilia, southern West Greenland? The difficulties of precise dating of zircon-free protoliths in migmatites. Precambrian Research, 2002, 117, 185-224.	1.2	53
94	Dating of the Ameralik dyke swarms of the Nuuk district, southern West Greenland: mafic intrusion events starting from c . 3510 Ma. Journal of the Geological Society, 2004, 161, 421-430.	0.9	53
95	Archaean fluid-assisted crustal cannibalism recorded by low Î´18O and negative ÎµHf(T) isotopic signatures of West Greenland granite zircon. Contributions To Mineralogy and Petrology, 2011, 161, 1027-1050.	1.2	53
96	Contribution of SHRIMP Uâ€“Pb zircon geochronology to unravelling the evolution of Brazilian Neoproterozoic fold belts. Precambrian Research, 2010, 183, 112-144.	1.2	52
97	The Spongtang Massif in Ladakh, NW Himalaya: An Early Cretaceous record of spontaneous, intra-oceanic subduction initiation in the Neotethys. Gondwana Research, 2018, 63, 226-249.	3.0	52
98	Protoliths of enigmatic Archaean gneisses established from zircon inclusion studies: Case study of the Caozhuang quartzite, E. Hebei, China. Geoscience Frontiers, 2014, 5, 445-455.	4.3	49
99	Setting of the Â2560 Ma Qorqut Granite Complex in the Archean crustal evolution of Southern West Greenland. Numerische Mathematik, 2010, 310, 1081-1114.	0.7	48
100	2090â€“2070Ma A-type granitoids in Zanhuang Complex: Further evidence on a Paleoproterozoic rift-related tectonic regime in the Trans-North China Orogen. Lithos, 2016, 254-255, 18-35.	0.6	48
101	Chapter 7.2 The Evolution and Tectonic Setting of the Luis Alves Microplate of Southeastern Brazil: An Exotic Terrane during the Assembly of Western Gondwana. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 273-291.	0.2	47
102	Review of the oldest (4400â€“3600 Ma) geological and mineralogical record: Glimpses of the beginning. Episodes, 2001, 24, 93-101.	0.8	47
103	Origin of life from apatite dating?. Nature, 1999, 400, 127-127.	13.7	45
104	SHRIMP Uâ€“Pb zircon dating of the exhumation of the Lizard Peridotite and its emplacement over crustal rocks: constraints for tectonic models. Journal of the Geological Society, 2001, 158, 809-820.	0.9	45
105	Chapter 3.3 The Itsaq Gneiss Complex of Southern West Greenland and the Construction of Eoarchaean Crust at Convergent Plate Boundaries. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2007, , 187-218.	0.2	45
106	The emergence of the Eoarchaean proto-arc: evolution of a c. 3700 Ma convergent plate boundary at Isua, southern West Greenland. Geological Society Special Publication, 2015, 389, 113-133.	0.8	45
107	Detachment faulting and bimodal magmatism in the Palaeoproterozoic Willyama Supergroup, southâ€“central Australia: keys to recognition of a multiply deformed Precambrian metamorphic core complex. Journal of the Geological Society, 2004, 161, 55-66.	0.9	44
108	The Mesoarchean Tiejiashan-Gongchangling potassic granite in the Anshan-Benxi area, North China Craton: Origin by recycling of Paleo- to Eoarchean crust from U-Pb-Nd-Hf-O isotopic studies. Lithos, 2017, 290-291, 116-135.	0.6	44

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109	Polyphase Archean evolution in the Campo Belo metamorphic complex, Southern SÃ£o Francisco Craton, Brazil: SHRIMP U-Pb zircon evidence. Journal of South American Earth Sciences, 1998, 11, 279-289.	0.6	43
110	Antiquity of the Oceans and Continents. Elements, 2006, 2, 223-227.	0.5	43
111	CONSTRAINING THE AGE OF NEOPROTEROZOIC GLACIATION IN EASTERN BRAZIL: FIRST U-Pb (SHRIMP) DATA OF DETRITAL ZIRCONS. Revista Brasileira De GeociÃªncias, 2000, 30, 058-061.	0.1	43
112	Geochemistry of Ce and Nd isotopes and REE abundances in the AmÃ®tsoq gneisses, West Greenland. Earth and Planetary Science Letters, 1988, 91, 159-169.	1.8	41
113	Two Archaean granulite-facies metamorphic events in the Nuuk-Maniitsoq region, southern West Greenland: correlation with the Saglek block, Labrador. Journal of the Geological Society, 1994, 151, 421-424.	0.9	41
114	A ca. 2.60 Ga tectono-thermal event in Western Shandong Province, North China Craton from zircon Uâ€“Pbâ€“O isotopic evidence: Plume or convergent plate boundary process. Precambrian Research, 2016, 281, 236-252.	1.2	41
115	A new fragment of the early earth crust: the Aasivik terrane of West Greenland. Precambrian Research, 2001, 105, 115-128.	1.2	40
116	The ItajaÃ-foreland basin: a tectono-sedimentary record of the Ediacaran period, Southern Brazil. International Journal of Earth Sciences, 2011, 100, 543-569.	0.9	40
117	Mesoarchaean collision of Kapisilik terrane 3070Ma juvenile arc rocks and >3600Ma Isukasia terrane continental crust (Greenland). Precambrian Research, 2015, 258, 146-160.	1.2	40
118	Polycyclic evolution of CamboriÃº Complex migmatites, Santa Catarina, Southern Brazil: integrated Hf isotopic and U-Pb age zircon evidence of episodic reworking of a Mesoarchean juvenile crust. Brazilian Journal of Geology, 2013, 43, 427-443.	0.3	40
119	Earth's oldest mantle fabrics indicate Eoarchaean subduction. Nature Communications, 2016, 7, 10665.	5.8	39
120	Eoarchean contrasting ultra-high-pressure to low-pressure metamorphisms (<250 to) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (&g 105770.	1.2	39
121	The early Archaean Nulliak (supracrustal) assemblage, northern Labrador. Canadian Journal of Earth Sciences, 1989, 26, 2159-2168.	0.6	37
122	The Atuba Complex, Southern South American Platform: Archean Components and Paleoproterozoic to Neoproterozoic Tectonothermal Events. Gondwana Research, 2003, 6, 251-263.	3.0	37
123	SHRIMP Uâ€“Pb zircon dating of the host rocks of the Cannington Agâ€“Pbâ€“Zn deposit, southeastern Mt Isa Block, Australia. Australian Journal of Earth Sciences, 2003, 50, 295-309.	0.4	36
124	Granites and granites in the East Greenland Caledonides. , 2008, , 227-249.		36
125	SHRIMP Uâ€“Pb, 207Pb/206Pb zircon dating, and Nd isotopic signature of the Umburanas greenstone belt, northern SÃ£o Francisco craton, Brazil. Journal of South American Earth Sciences, 2003, 15, 775-785.	0.6	35
126	Continental origin of the Gubaoquan eclogite and implications for evolution of the Beishan Orogen, Central Asian Orogenic Belt, NW China. Lithos, 2017, 294-295, 20-38.	0.6	34

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127	Comment on "Zircon Thermometer Reveals Minimum Melting Conditions on Earliest Earth" II. Science, 2006, 311, 779b-779b.	6.0	33
128	2635Ma amphibolite facies gold mineralisation near a terrane boundary (suture?) on StorÃ¸ Nuuk region, southern West Greenland. Precambrian Research, 2007, 159, 19-32.	1.2	31
129	The Watonga Formation and Tacking Point Gabbro, Port Macquarie, Australia: Insights into crustal growth mechanisms on the eastern margin of Gondwana. Gondwana Research, 2015, 28, 133-151.	3.0	31
130	Fifty years of the Eoarchean and the case for evolving uniformitarianism. Precambrian Research, 2021, 367, 106442.	1.2	31
131	Cross-examining Earthâ€™s oldest stromatolites: Seeing through the effects of heterogeneous deformation, metamorphism and metasomatism affecting Isua (Greenland)â€ˆâ¼3700â€¯Ma sedimentary rocks. Precambrian Research, 2019, 331, 105347.	1.2	30
132	Geochronology of granitic and supracrustal rocks from the northern part of the East Greenland Caledonides: ion microprobe Uâ€“Pb zircon ages. Geological Survey of Denmark and Greenland Bulletin, 0, 184, 31-48.	0.0	30
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