Andrey Bekker

List of Publications by Year in Descending Order

140 papers	10,819 citations	55 h-index	103 g-index
150 ext. papers	12,709 ext. citations	10.3 avg, IF	6.29 L-index

#	Paper	IF	Citations
140	Archean-Proterozoic unconformity on the Fennoscandian Shield: Geochemistry and Sr, C and O isotope composition of Paleoproterozoic carbonate-rich regolith from Segozero Lake (Russian Karelia). *Precambrian Research*, **2022**, 368, 106459	3.9	0
139	Earth's Great Oxidation Event facilitated by the rise of sedimentary phosphorus recycling. *Nature Geoscience*, **2022**, 15, 210-215	18.3	1
138	Oxygen production and rapid iron oxidation in stromatolites immediately predating the Great Oxidation Event. *Earth and Planetary Science Letters*, **2022**, 582, 117416	5.3	1
137	Long-term evolution of terrestrial weathering and its link to Earth's oxygenation. *Earth and Planetary Science Letters*, **2022**, 584, 117490	5.3	0
136	Huronian Glaciation **2022**, 1-9		0
135	Great Oxidation Event **2022**, 1-9		
134	Provenance of metasiliciclastic rocks at the northwestern margin of the East Gabonian Block: Implications for deposition of BIFs and crustal evolution in southwestern Cameroon. *Precambrian Research*, **2022**, 376, 106677	3.9	0
133	Lomagundi Carbon Isotope Excursion **2022**, 1-7		
132	A 200-million-year delay in permanent atmospheric oxygenation. *Nature*, **2021**, 592, 232-236	50.4	36
131	Discussion on 'From Pan-African transpression to Cadomian transtension at the West African margin: new U–Pb zircon ages from the Eastern Saghro Inlier (Anti-Atlas, Morocco)' by Errami et al. 2020 (SP503, 209–233). *Journal of the Geological Society*, **2021**, 178, jgs2020-206	2.7	1
130	The uranium isotopic record of shales and carbonates through geologic time. *Geochimica Et Cosmochimica Acta*, **2021**, 300, 164-191	5.5	9
129	The early Statherian (ca. 1800–1750 Ma) Prutivka-Novogol large igneous province of Sarmatia: Geochronology and implication for the Nuna/Columbia supercontinent reconstruction. *Precambrian Research*, **2021**, 358, 106185	3.9	5
128	Benthic redox conditions and nutrient dynamics in the ca. 2.1 Ga Franceville sub-basin. *Precambrian Research*, **2021**, 360, 106234	3.9	2
127	Transient deep-water oxygenation recorded by rare Mesoproterozoic phosphorites, South Urals. *Precambrian Research*, **2021**, 360, 106242	3.9	2
126	Ironstones and Iron Formations **2021**, 914-921		0
125	Anoxic continental surface weathering recorded by the 2.95 Ga Denny Dalton Paleosol (Pongola Supergroup, South Africa). *Geochimica Et Cosmochimica Acta*, **2021**, 295, 1-23	5.5	6
124	Marine Anoxia and Ocean Acidification During the End-Permian Extinction. *Geophysical Monograph Series*, **2021**, 325-340	1.1	1

123	Assessing the Effect of Large Igneous Provinces on Global Oceanic Redox Conditions Using Non-traditional Metal Isotopes (Molybdenum, Uranium, Thallium). *Geophysical Monograph Series*, **2021**, 305-323	1.1	1
122	Preliminary Appraisal of a Correlation Between Glaciations and Large Igneous Provinces Over the Past 720 Million Years. *Geophysical Monograph Series*, **2021**, 169-190	1.1	2
121	Large Igneous Provinces (LIPs) and Anoxia Events in The Boring Billion *Geophysical Monograph Series*, **2021**, 449-486	1.1	3
120	A late Paleoproterozoic (1.74 Ga) deep-sea, low-temperature, iron-oxidizing microbial hydrothermal vent community from Arizona, USA. *Geobiology*, **2021**, 19, 228-249	4.3	6
119	Mesoarchaean acidic volcanic lakes: A critical ecological niche in early land colonisation. *Earth and Planetary Science Letters*, **2021**, 556, 116725	5.3	1
118	Reply to comment on Bekker, A., Krape B., Karhu, J.A., 2020. Correlation of the stratigraphic cover of the Pilbara and Kaapvaal cratons recording the lead up to Paleoproterozoic Icehouse and the GOE. Earth-Science Reviews, 211, 103,389 by Pascal Philippot, Bryan A. Killingsworth,	10.2	6
117	Limited expression of the Paleoproterozoic Oklo natural nuclear reactor phenomenon in the aftermath of a widespread deoxygenation event ~2.11 2.06 billion years ago. *Chemical Geology*, **2021**, 578, 120315	4.2	2
116	Preservation and Distributions of Covalently Bound Polyaromatic Hydrocarbons in Ancient Biogenic Kerogens and Insoluble Organic Macromolecules. *Astrobiology*, **2021**, 21, 1049-1075	3.7	3
115	Breaking the Boring Billion. *Geophysical Monograph Series*, **2021**, 487-501	1.1	2
114	A persistently low level of atmospheric oxygen in Earth's middle age. *Nature Communications*, **2021**, 12, 351	17.4	21
113	Large Igneous Province Record Through Time and Implications for Secular Environmental Changes and Geological Time-Scale Boundaries. *Geophysical Monograph Series*, **2021**, 1-26	1.1	24
112	Development of Iron Speciation Reference Materials for Palaeoredox Analysis. *Geostandards and Geoanalytical Research*, **2020**, 44, 581-591	3.6	12
111	Diagenetic history of the proterozoic carbonates and its role in the oil field development in the Baikit Anteclise, Southwestern Siberia. *Precambrian Research*, **2020**, 342, 105690	3.9	2
110	Trace element perspective into the ca. 2.1-billion-year-old shallow-marine microbial mats from the Francevillian Group, Gabon. *Chemical Geology*, **2020**, 543, 119620	4.2	2
109	Constraining provenance for the uraniferous Paleoproterozoic Francevillian Group sediments (Gabon) with detrital zircon geochronology and geochemistry. *Precambrian Research*, **2020**, 343, 105724	3.9	3
108	Correlation of the stratigraphic cover of the Pilbara and Kaapvaal cratons recording the lead up to Paleoproterozoic Icehouse and the GOE. *Earth-Science Reviews*, **2020**, 211, 103389	10.2	14
107	Atmospheric S and lithospheric Pb in sulphides from the 2.06 Ga Phalaborwa phoscorite-carbonatite Complex, South Africa. *Earth and Planetary Science Letters*, **2020**, 530, 115939	5.3	7
106	Triple iron isotope constraints on the role of ocean iron sinks in early atmospheric oxygenation. *Science*, **2020**, 370, 446-449	33.3	9

105	Revised stratigraphic framework for the lower Anti-Atlas Supergroup based on U-Pb geochronology of magmatic and detrital zircons (Zenaga and Bou Azzer-El Graara inliers, Anti-Atlas Belt, Morocco). *Journal of African Earth Sciences*, **2020**, 171, 103946	2.2	16
104	Elemental geochemistry and Nd isotope constraints on the provenance of the basal siliciclastic succession of the middle Paleoproterozoic Francevillian Group, Gabon. *Precambrian Research*, **2020**, 348, 105874	3.9	7
103	Reply to the comment by Prat and Weber on. *Earth and Planetary Science Letters*, **2019**, 511, 259-261	5.3	1
102	Microbially induced potassium enrichment in Paleoproterozoic shales and implications for reverse weathering on early Earth. *Nature Communications*, **2019**, 10, 2670	17.4	8
101	Limited oxygen production in the Mesoarchean ocean. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 6647-6652	11.5	26
100	Claypool continued: Extending the isotopic record of sedimentary sulfate. *Chemical Geology*, **2019**, 513, 200-225	4.2	59
99	Post-Great Oxidation Event Orosirian-Statherian iron formations on the São Francisco craton: Geotectonic implications. *Island Arc*, **2019**, 28, e12300	2	6
98	Organism motility in an oxygenated shallow-marine environment 2.1 billion years ago. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 3431-3436	11.5	25
97	The geologic history of seawater oxygen isotopes from marine iron oxides. *Science*, **2019**, 365, 469-473	33.3	49
96	Two-step deoxygenation at the end of the Paleoproterozoic Lomagundi Event. *Earth and Planetary Science Letters*, **2018**, 486, 70-83	5.3	41
95	A model for the oceanic mass balance of rhenium and implications for the extent of Proterozoic ocean anoxia. *Geochimica Et Cosmochimica Acta*, **2018**, 227, 75-95	5.5	42
94	Molybdenum record from black shales indicates oscillating atmospheric oxygen levels in the early Paleoproterozoic. *Numerische Mathematik*, **2018**, 318, 275-299	5.3	21
93	Ediacara biota flourished in oligotrophic and bacterially dominated marine environments across Baltica. *Nature Communications*, **2018**, 9, 1807	17.4	32
92	Evidence for episodic oxygenation in a weakly redox-buffered deep mid-Proterozoic ocean. *Chemical Geology*, **2018**, 483, 581-594	4.2	52
91	Triple oxygen isotope evidence for limited mid-Proterozoic primary productivity. *Nature*, **2018**, 559, 613-616	50.4	101
90	Aerobic iron and manganese cycling in a redox-stratified Mesoarchean epicontinental sea. *Earth and Planetary Science Letters*, **2018**, 500, 28-40	5.3	31
89	Pervasive aerobic nitrogen cycling in the surface ocean across the Paleoproterozoic Era. *Earth and Planetary Science Letters*, **2018**, 500, 117-126	5.3	34
88	Earth's oldest preserved K-bentonites in the ca . 2.1 Ga Francevillian Basin, Gabon. *Numerische Mathematik*, **2018**, 318, 409-434	5.3	7

87	Controls of eustasy and diagenesis on the 238U/235U of carbonates and evolution of the seawater (234U/238U) during the last 1.4 Myr. *Geochimica Et Cosmochimica Acta*, **2018**, 242, 233-265	5.5	43
86	Shallow water anoxia in the Mesoproterozoic ocean: Evidence from the Bashkir Meganticlinorium, Southern Urals. *Precambrian Research*, **2018**, 317, 196-210	3.9	23
85	Rapid emergence of subaerial landmasses and onset of a modern hydrologic cycle 2.5 billion years ago. *Nature*, **2018**, 557, 545-548	50.4	98
84	Selenium isotopes record extensive marine suboxia during the Great Oxidation Event. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 875-880	11.5	51
83	Onset of the aerobic nitrogen cycle during the Great Oxidation Event. *Nature*, **2017**, 542, 465-467	50.4	66
82	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	11.5	259
81	Perspectives on Proterozoic surface ocean redox from iodine contents in ancient and recent carbonate. *Earth and Planetary Science Letters*, **2017**, 463, 159-170	5.3	119
80	Microbe-clay interactions as a mechanism for the preservation of organic matter and trace metal biosignatures in black shales. *Chemical Geology*, **2017**, 459, 75-90	4.2	27
79	Fungus-like mycelial fossils in 2.4-billion-year-old vesicular basalt. *Nature Ecology and Evolution*, **2017**, 1, 141	12.3	62
78	Titanium isotopic evidence for felsic crust and plate tectonics 3.5 billion years ago. *Science*, **2017**, 357, 1271-1274	33.3	107
77	Iron formations: A global record of Neoarchaean to Palaeoproterozoic environmental history. *Earth-Science Reviews*, **2017**, 172, 140-177	10.2	190
76	Unradiogenic strontium and moderate-amplitude carbon isotope variations in early Tonian seawater after the assembly of Rodinia and before the Bitter Springs Excursion. *Precambrian Research*, **2017**, 298, 157-173	3.9	41
75	The Timing of the Palaeoproterozoic Great Oxidation Event using Dykes, Sills and Bolcanics of the Ongeluk Large Igneous Province, Kaapvaal Craton. *Acta Geologica Sinica*, **2016**, 90, 67-68	0.7	
74	Trace elements at the intersection of marine biological and geochemical evolution. *Earth-Science Reviews*, **2016**, 163, 323-348	10.2	86
73	A short-term, post-Lomagundi positive C isotope excursion atc.2.03 Ga recorded by the Wooly Dolomite, Western Australia. *Journal of the Geological Society*, **2016**, 173, 689-700	2.7	17
72	Oxygen isotope perspective on crustal evolution on early Earth: A record of Precambrian shales with emphasis on Paleoproterozoic glaciations and Great Oxygenation Event. *Earth and Planetary Science Letters*, **2016**, 437, 101-113	5.3	43
71	Chemostratigraphy of the Shaler Supergroup, Victoria Island, NW Canada: A record of ocean composition prior to the Cryogenian glaciations. *Precambrian Research*, **2015**, 263, 232-245	3.9	50
70	Stratigraphy of the Late Palaeoproterozoic (~2.03 Ga) Wooly Dolomite, Ashburton Province, Western Australia: A carbonate platform developed in a failed rift basin. *Precambrian Research*, **2015**, 271, 1-19	3.9	13

69	The evolution of the global selenium cycle: Secular trends in Se isotopes and abundances. *Geochimica Et Cosmochimica Acta*, **2015**, 162, 109-125	5.5	49
68	Early history of the Amadeus Basin: Implications for the existence and geometry of the Centralian Superbasin. *Precambrian Research*, **2015**, 259, 232-242	3.9	13
67	Huronian Glaciation **2015**, 1128-1135		
66	Evidence for oxygenic photosynthesis half a billion years before the Great Oxidation Event. *Nature Geoscience*, **2014**, 7, 283-286	18.3	332
65	Pyrite multiple-sulfur isotope evidence for rapid expansion and contraction of the early Paleoproterozoic seawater sulfate reservoir. *Earth and Planetary Science Letters*, **2014**, 389, 95-104	5.3	84
64	Coupled Fe and S isotope variations in pyrite nodules from Archean shale. *Earth and Planetary Science Letters*, **2014**, 392, 67-79	5.3	60
63	The 2.1 Ga old Francevillian biota: biogenicity, taphonomy and biodiversity. *PLoS ONE*, **2014**, 9, e99438	3.7	33
62	Sedimentological and geochemical basin analysis of the Paleoproterozoic Penrhyn and Piling groups of Arctic Canada. *Precambrian Research*, **2014**, 251, 80-101	3.9	19
61	An iodine record of Paleoproterozoic surface ocean oxygenation. *Geology*, **2014**, 42, 619-622	5	79
60	Filling in the juvenile magmatic gap: Evidence for uninterrupted Paleoproterozoic plate tectonics. *Earth and Planetary Science Letters*, **2014**, 388, 123-133	5.3	61
59	Cobalt and marine redox evolution. *Earth and Planetary Science Letters*, **2014**, 390, 253-263	5.3	72
58	Comparing orthomagmatic and hydrothermal mineralization models for komatiite-hosted nickel deposits in Zimbabwe using multiple-sulfur, iron, and nickel isotope data. *Mineralium Deposita*, **2014**, 49, 75-100	4.8	38
57	The Archean komatiite-hosted, PGE-bearing Ni□u sulfide deposit at Vaara, eastern Finland: evidence for assimilation of external sulfur and post-depositional desulfurization. *Mineralium Deposita*, **2013**, 48, 967-989	4.8	32
56	Nickel Isotope Variations in Terrestrial Silicate Rocks and Geological Reference Materials Measured by MC-ICP-MS. *Geostandards and Geoanalytical Research*, **2013**, 37, 297-317	3.6	66
55	Correlation of Paleoproterozoic glaciations based on U□b zircon ages for tuff beds in the Transvaal and Huronian Supergroups. *Earth and Planetary Science Letters*, **2013**, 382, 173-180	5.3	92
54	Geochemistry of pyrite from diamictites of the Boolgeeda Iron Formation, Western Australia with implications for the GOE and Paleoproterozoic ice ages. *Chemical Geology*, **2013**, 362, 131-142	4.2	17
53	The chlorine isotope composition of chondrites and Earth. *Geochimica Et Cosmochimica Acta*, **2013**, 107, 189-204	5.5	85
52	Mass-independently fractionated sulfur in Archean paleosols: A large reservoir of negative □33S anomaly on the early Earth. *Chemical Geology*, **2013**, 362, 74-81	4.2	8

51	Uranium in iron formations and the rise of atmospheric oxygen. *Chemical Geology*, **2013**, 362, 82-90	4.2	74
50	Evolution of the atmosphere and ocean through time. *Chemical Geology*, **2013**, 362, 1-2	4.2	4
49	Proterozoic ocean redox and biogeochemical stasis. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 5357-62	11.5	321
48	Bioavailability of zinc in marine systems through time. *Nature Geoscience*, **2013**, 6, 125-128	18.3	61
47	Paleoproterozoic high δ13Ccarb marbles from the Ruwenzori Mountains, Uganda: Implications for the age of the Buganda Group. *Chemical Geology*, **2013**, 362, 157-164	4.2	4
46	Exceptional preservation of expandable clay minerals in the ca. 2.1Ga black shales of the Francevillian basin, Gabon and its implication for atmospheric oxygen accumulation. *Chemical Geology*, **2013**, 362, 181-192	4.2	25
45	Reply to Comment by C. Gaucher et al. on "Chemostratigraphic constraints on early Ediacaran carbonate ramp dynamics, Río de la Plata craton, Uruguay" by Aubet et al. Gondwana Research (2012), Volume 22, Issues 3-4, November 2012, Pages 1073-1090. *Gondwana Research*, **2013**, 23, 1186-1188	5.1	2
44	Nitrogen cycle in the Late Archean ferruginous ocean. *Chemical Geology*, **2013**, 362, 115-130	4.2	41
43	Biological carbon precursor to diagenetic siderite with spherical structures in iron formations. *Nature Communications*, **2013**, 4, 1741	17.4	66
42	The Role of Paragneiss Assimilation in the Origin of the Voisey's Bay Ni-Cu Sulfide Deposit, Labrador: Multiple S and Fe Isotope Evidence. *Economic Geology*, **2013**, 108, 1459-1469	4.3	23
41	Iron isotope composition of some Archean and Proterozoic iron formations. *Geochimica Et Cosmochimica Acta*, **2012**, 80, 158-169	5.5	106
40	Chemostratigraphic constraints on early Ediacaran carbonate ramp dynamics, Río de la Plata craton, Uruguay. *Gondwana Research*, **2012**, 22, 1073-1090	5.1	16
39	Sulfur record of rising and falling marine oxygen and sulfate levels during the Lomagundi event. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 18300-5	11.5	135
38	Deposition of 1.88-billion-year-old iron formations as a consequence of rapid crustal growth. *Nature*, **2012**, 484, 498-501	50.4	92
37	Multiple Sulfur and Iron Isotope Composition of Magmatic Ni-Cu-(PGE) Sulfide Mineralization from Eastern Botswana. *Economic Geology*, **2012**, 107, 105-116	4.3	52
36	District to Camp Controls on the Genesis of Komatiite-Hosted Nickel Sulfide Deposits, Agnew-Wiluna Greenstone Belt, Western Australia: Insights from the Multiple Sulfur Isotopes. *Economic Geology*, **2012**, 107, 781-796	4.3	63
35	Aerobic bacterial pyrite oxidation and acid rock drainage during the Great Oxidation Event. *Nature*, **2011**, 478, 369-73	50.4	234
34	Widespread iron-rich conditions in the mid-Proterozoic ocean. *Nature*, **2011**, 477, 448-51	50.4	310

33	Geological constraints on the origin of oxygenic photosynthesis. *Photosynthesis Research*, **2011**, 107, 11-36	3.7	155
32	Needs and opportunities in mineral evolution research. *American Mineralogist*, **2011**, 96, 953-963	2.9	34
31	Late Archean euxinic conditions before the rise of atmospheric oxygen. *Geology*, **2011**, 39, 119-122	5	80
30	Organic-walled microfossils in 3.2-billion-year-old shallow-marine siliciclastic deposits. *Nature*, **2010** , 463, 934-8	50.4	213
29	Large colonial organisms with coordinated growth in oxygenated environments 2.1 Gyr ago. *Nature* , **2010**, 466, 100-4	50.4	175
28	The evolution of the marine phosphate reservoir. *Nature*, **2010**, 467, 1088-90	50.4	263
27	Rare Earth Element and yttrium compositions of Archean and Paleoproterozoic Fe formations revisited: New perspectives on the significance and mechanisms of deposition. *Geochimica Et Cosmochimica Acta*, **2010**, 74, 6387-6405	5.5	287
26	Global nature of the Paleoproterozoic Lomagundi carbon isotope excursion: A review of occurrences in Brazil, India, and Uruguay. *Precambrian Research*, **2010**, 182, 274-299	3.9	49
25	A review of the stratigraphy and geological setting of the Palaeoproterozoic Magondi Supergroup, Zimbabwe Type locality for the Lomagundi carbon isotope excursion. *Precambrian Research*, **2010**, 182, 254-273	3.9	32
24	Iron Formation: The Sedimentary Product of a Complex Interplay among Mantle, Tectonic, Oceanic, and Biospheric Processes. *Economic Geology*, **2010**, 105, 467-508	4.3	567
23	Atmospheric sulfur in Archean komatiite-hosted nickel deposits. *Science*, **2009**, 326, 1086-9	33.3	114
22	Seafloor-hydrothermal Si-Fe-Mn exhalites in the Pecos greenstone belt, New Mexico, and the redox state of ca. 1720 Ma deep seawater **2009**, 5, 302-314		62
21	ReOs depositional age for Archean carbonaceous slates from the southwestern Superior Province: Challenges and insights. *Earth and Planetary Science Letters*, **2009**, 280, 83-92	5.3	44
20	Iron-oxidizing microbial ecosystems thrived in late Paleoproterozoic redox-stratified oceans. *Earth and Planetary Science Letters*, **2009**, 286, 230-242	5.3	128
19	Multiple sulphur and iron isotope composition of detrital pyrite in Archaean sedimentary rocks: A new tool for provenance analysis. *Earth and Planetary Science Letters*, **2009**, 286, 436-445	5.3	88
18	UThPbREE systematics of organic-rich shales from the ca. 2.15´Ga Sengoma Argillite Formation, Botswana: Evidence for oxidative continental weathering during the Great Oxidation Event. *Chemical Geology*, **2009**, 260, 172-185	4.2	25
17	Reconstructing Earth's surface oxidation across the Archean-Proterozoic transition. *Geology*, **2009**, 37, 399-402	5	210
16	Tracing the stepwise oxygenation of the Proterozoic ocean. *Nature*, **2008**, 452, 456-9	50.4	722

15	Rise in seawater sulphate concentration associated with the Paleoproterozoic positive carbon isotope excursion: evidence from sulphate evaporites in the ~2.2–2.1 Gyr shallow-marine Lucknow Formation, South Africa. *Terra Nova*, **2008**, 20, 108-117	3	96
14	Fractionation between inorganic and organic carbon during the Lomagundi (2.22–2.1 Ga) carbon isotope excursion. *Earth and Planetary Science Letters*, **2008**, 271, 278-291	5.3	77
13	Suboxic deep seawater in the late Paleoproterozoic: Evidence from hematitic chert and iron formation related to seafloor-hydrothermal sulfide deposits, central Arizona, USA. *Earth and Planetary Science Letters*, **2007**, 255, 243-256	5.3	175
12	Oxidative forcing of global climate change: A biogeochemical record across the oldest Paleoproterozoic ice age in North America. *Earth and Planetary Science Letters*, **2007**, 258, 486-499	5.3	69
11	Carbon isotope record for the onset of the Lomagundi carbon isotope excursion in the Great Lakes area, North America. *Precambrian Research*, **2006**, 148, 145-180	3.9	105
10	Iron isotope constraints on the Archean and Paleoproterozoic ocean redox state. *Science*, **2005**, 307, 1088-91	33.3	363
9	Late Archean to Early Paleoproterozoic global tectonics, environmental change and the rise of atmospheric oxygen. *Earth and Planetary Science Letters*, **2005**, 238, 156-171	5.3	158
8	Evidence for Paleoproterozoic cap carbonates in North America. *Precambrian Research*, **2005**, 137, 167-206	3.9	103
7	Dating the rise of atmospheric oxygen. *Nature*, **2004**, 427, 117-20	50.4	1020
6	Primitive Os and 2316 Ma age for marine shale: implications for Paleoproterozoic glacial events and the rise of atmospheric oxygen. *Earth and Planetary Science Letters*, **2004**, 225, 43-52	5.3	183
5	Chemostratigraphy of Paleoproterozoic carbonate successions of the Wyoming Craton: tectonic forcing of biogeochemical change?. *Precambrian Research*, **2003**, 120, 279-325	3.9	106
4	A Paleoproterozoic drowned carbonate platform on the southeastern margin of the Wyoming Craton: a record of the Kenorland breakup. *Precambrian Research*, **2003**, 120, 327-364	3.9	44
3	Chemostratigraphy of Carbonates from the Minas Supergroup, Quadrilatero Ferryifero (Iron Quadrangle), Brazil: A Stratigraphic Record of Early Proterozoic Atmospheric, Biogeochemical and Climactic Change. *Numerische Mathematik*, **2003**, 303, 865-904	5.3	74
2	Chemostratigraphy of the Paleoproterozoic Duitschland Formation, South Africa: implications for coupled climate change and carbon cycling. *Numerische Mathematik*, **2001**, 301, 261-285	5.3	153
1	A template for an improved rock-based subdivision of the pre-Cryogenian time scale. *Journal of the Geological Society*,jgs2020-222	2.7	6