# Andrey Bekker

List of Publications by Year
in descending order

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| 140 | 14,613 | 18482 | 18647 |
|---|---|---|---|
| papers | citations | 62 h-index | 119 g-index |

| 150 | 150 | 150 | 6383 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Black Angel deposit, Greenland: a Paleoproterozoic evaporite-related Mississippi Valley-type Znâ€“Pb deposit. Mineralium Deposita, 2023, 58, 51-73. | 4.1 | 6 |
| 2 | A template for an improved rock-based subdivision of the pre-Cryogenian timescale. Journal of the Geological Society, 2022, 179, . | 2.1 | 18 |
| 3 | Insights from modern diffuse-flow hydrothermal systems into the origin of post-GOE deep-water Fe-Si precipitates. Geochimica Et Cosmochimica Acta, 2022, 317, 1-17. | 3.9 | 2 |
| 4 | Archean-Proterozoic unconformity on the Fennoscandian Shield: Geochemistry and Sr, C and O isotope composition of Paleoproterozoic carbonate-rich regolith from Segozero Lake (Russian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61 | 2.7 | 10 |
| 5 | Earthâ€™s Great Oxidation Event facilitated by the rise of sedimentary phosphorus recycling. Nature Geoscience, 2022, 15, 210-215. | 12.9 | 26 |
| 6 | Oxygen production and rapid iron oxidation in stromatolites immediately predating the Great Oxidation Event. Earth and Planetary Science Letters, 2022, 582, 117416. | 4.4 | 7 |
| 7 | Long-term evolution of terrestrial weathering and its link to Earth's oxygenation. Earth and Planetary Science Letters, 2022, 584, 117490. | 4.4 | 17 |
| 8 | 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. | 2.7 | 15 |
| 9 | Lomagundi Carbon Isotope Excursion. , 2022, , 1-7. | | 1 |
| 10 | Ironstones and Iron Formations. , 2021, , 914-921. | | 3 |
| 11 | Anoxic continental surface weathering recorded by the 2.95â€¯Ga Denny Dalton Paleosol (Pongola) Tj ETQq1 1 0.784314 rgBT /Overlock | 3.9 | 11 |
| 12 | A late Paleoproterozoic (1.74ÂGa) deepâ€sea, lowâ€temperature, ironâ€oxidizing microbial hydrothermal vent community from Arizona, USA. Geobiology, 2021, 19, 228-249. | 2.4 | 22 |
| 13 | Mesoarchaean acidic volcanic lakes: A critical ecological niche in early land colonisation. Earth and Planetary Science Letters, 2021, 556, 116725. | 4.4 | 6 |
| 14 | A 200-million-year delay in permanent atmospheric oxygenation. Nature, 2021, 592, 232-236. | 27.8 | 105 |
| 15 | Discussion on â€˜From Pan-African transpression to Cadomian transtension at the West African margin: new Uâ€“Pb zircon ages from the Eastern Saghro Inlier (Anti-Atlas, Morocco)â€™ by Errami et al . 2020 ( SP 503, 209â€“233). Journal of the Geological Society, 2021, 178, . | 2.1 | 3 |
| 16 | The uranium isotopic record of shales and carbonates through geologic time. Geochimica Et Cosmochimica Acta, 2021, 300, 164-191. | 3.9 | 28 |
| 17 | The early Statherian (ca. 1800â€“1750ÂMa) Prutivka-Novogol large igneous province of Sarmatia: Geochronology and implication for the Nuna/Columbia supercontinent reconstruction. Precambrian Research, 2021, 358, 106185. | 2.7 | 11 |
| 18 | Benthic redox conditions and nutrient dynamics in the ca. 2.1ÂGa Franceville sub-basin. Precambrian Research, 2021, 360, 106234. | 2.7 | 2 |

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| 19 | Transient deep-water oxygenation recorded by rare Mesoproterozoic phosphorites, South Urals. Precambrian Research, 2021, 360, 106242. | 2.7 | 9 |
| 20 | Reply to comment on â€œBekker, A., KrapeÅ¾, 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, 103,389â€•by Pascal Philippot, Bryan A. Killingsworth, Jean-Louis Paquette, Svetlana Tessalina, Pierre Cartigny, Stefan V. Lalonde, Christophe Thomazo, Janaina N. Ã•vila, Vincent Busigny. Earth-Science Reviews, 2021, 218, 103607. | 9.1 | 13 |
| 21 | Limited expression of the Paleoproterozoic Oklo natural nuclear reactor phenomenon in the aftermath of a widespread deoxygenation event ~2.11â€“2.06 billion years ago. Chemical Geology, 2021, 578, 120315. | 3.3 | 3 |
| 22 | Preservation and Distributions of Covalently Bound Polyaromatic Hydrocarbons in Ancient Biogenic Kerogens and Insoluble Organic Macromolecules. Astrobiology, 2021, 21, 1049-1075. | 3.0 | 5 |
| 23 | A persistently low level of atmospheric oxygen in Earthâ€™s middle age. Nature Communications, 2021, 12, 351. | 12.8 | 48 |
| 24 | 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. | 4.4 | 18 |
| 25 | Triple iron isotope constraints on the role of ocean iron sinks in early atmospheric oxygenation. Science, 2020, 370, 446-449. | 12.6 | 19 |
| 26 | Revised stratigraphic framework for the lower Anti-Atlas Supergroup based on Uâ€“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. | 2.0 | 23 |
| 27 | 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. | 2.7 | 15 |
| 28 | Development of Iron Speciation Reference Materials for Palaeoredox Analysis. Geostandards and Geoanalytical Research, 2020, 44, 581-591. | 3.1 | 31 |
| 29 | 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. | 2.7 | 7 |
| 30 | 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. | 3.3 | 3 |
| 31 | Constraining provenance for the uraniferous Paleoproterozoic Francevillian Group sediments (Gabon) with detrital zircon geochronology and geochemistry. Precambrian Research, 2020, 343, 105724. | 2.7 | 6 |
| 32 | 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. | 9.1 | 34 |
| 33 | Carbon Isotopes in the Solar System. , 2020, , 1-10. | | 1 |
| 34 | The geologic history of seawater oxygen isotopes from marine iron oxides. Science, 2019, 365, 469-473. | 12.6 | 81 |
| 35 | Reply to the comment by PrÃ©at and Weber on. Earth and Planetary Science Letters, 2019, 511, 259-261. | 4.4 | 3 |
| 36 | Microbially induced potassium enrichment in Paleoproterozoic shales and implications for reverse weathering on early Earth. Nature Communications, 2019, 10, 2670. | 12.8 | 17 |

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| 37 | Limited oxygen production in the Mesoarchean ocean. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6647-6652. | 7.1 | 42 |
| 38 | Claypool continued: Extending the isotopic record of sedimentary sulfate. Chemical Geology, 2019, 513, 200-225. | 3.3 | 102 |
| 39 | Postâ€Great Oxidation Event Orosirianâ€“Statherian iron formations on the SÃ£o Francisco craton: Geotectonic implications. Island Arc, 2019, 28, e12300. | 1.1 | 12 |
| 40 | 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. | 7.1 | 47 |
| 41 | Two-step deoxygenation at the end of the Paleoproterozoic Lomagundi Event. Earth and Planetary Science Letters, 2018, 486, 70-83. | 4.4 | 58 |
| 42 | 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. | 3.9 | 66 |
| 43 | Molybdenum record from black shales indicates oscillating atmospheric oxygen levels in the early Paleoproterozoic. Numerische Mathematik, 2018, 318, 275-299. | 1.4 | 31 |
| 44 | Ediacara biota flourished in oligotrophic and bacterially dominated marine environments across Baltica. Nature Communications, 2018, 9, 1807. | 12.8 | 48 |
| 45 | Evidence for episodic oxygenation in a weakly redox-buffered deep mid-Proterozoic ocean. Chemical Geology, 2018, 483, 581-594. | 3.3 | 73 |
| 46 | 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. | 3.9 | 73 |
| 47 | Shallow water anoxia in the Mesoproterozoic ocean: Evidence from the Bashkir Meganticlinorium, Southern Urals. Precambrian Research, 2018, 317, 196-210. | 2.7 | 32 |
| 48 | Rapid emergence of subaerial landmasses and onset of a modern hydrologic cycle 2.5 billion years ago. Nature, 2018, 557, 545-548. | 27.8 | 153 |
| 49 | Triple oxygen isotope evidence for limited mid-Proterozoic primary productivity. Nature, 2018, 559, 613-616. | 27.8 | 144 |
| 50 | Aerobic iron and manganese cycling in a redox-stratified Mesoarchean epicontinental sea. Earth and Planetary Science Letters, 2018, 500, 28-40. | 4.4 | 54 |
| 51 | Pervasive aerobic nitrogen cycling in the surface ocean across the Paleoproterozoic Era. Earth and Planetary Science Letters, 2018, 500, 117-126. | 4.4 | 70 |
| 52 | Earth's oldest preserved K-bentonites in the ca . 2.1 Ga Francevillian Basin, Gabon. Numerische Mathematik, 2018, 318, 409-434. | 1.4 | 8 |
| 53 | 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. | 7.1 | 67 |
| 54 | Onset of the aerobic nitrogen cycle during the Great Oxidation Event. Nature, 2017, 542, 465-467. | 27.8 | 114 |

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| 55 | 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 |
| 56 | Perspectives on Proterozoic surface ocean redox from iodine contents in ancient and recent carbonate. Earth and Planetary Science Letters, 2017, 463, 159-170. | 4.4 | 172 |
| 57 | 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. | 3.3 | 42 |
| 58 | Fungus-like mycelial fossils in 2.4-billion-year-old vesicular basalt. Nature Ecology and Evolution, 2017, 1, 141. | 7.8 | 94 |
| 59 | Titanium isotopic evidence for felsic crust and plate tectonics 3.5 billion years ago. Science, 2017, 357, 1271-1274. | 12.6 | 166 |
| 60 | Iron formations: A global record of Neoarchaean to Palaeoproterozoic environmental history. Earth-Science Reviews, 2017, 172, 140-177. | 9.1 | 304 |
| 61 | 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. | 2.7 | 60 |
| 62 | 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. | 1.4 | 0 |
| 63 | Trace elements at the intersection of marine biological and geochemical evolution. Earth-Science Reviews, 2016, 163, 323-348. | 9.1 | 135 |
| 64 | A short-term, post-Lomagundi positive C isotope excursion at c. 2.03â€…Ga recorded by the Wooly Dolomite, Western Australia. Journal of the Geological Society, 2016, 173, 689-700. | 2.1 | 26 |
| 65 | 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. | 4.4 | 62 |
| 66 | The evolution of the global selenium cycle: Secular trends in Se isotopes and abundances. Geochimica Et Cosmochimica Acta, 2015, 162, 109-125. | 3.9 | 59 |
| 67 | Early history of the Amadeus Basin: Implications for the existence and geometry of the Centralian Superbasin. Precambrian Research, 2015, 259, 232-242. | 2.7 | 15 |
| 68 | 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. | 2.7 | 59 |
| 69 | Stratigraphy of the Late Palaeoproterozoic (â¼2.03 Ga) Wooly Dolomite, Ashburton Province, Western Australia: A carbonate platform developed in a failed rift basin. Precambrian Research, 2015, 271, 1-19. | 2.7 | 14 |
| 70 | Great Oxygenation Event. , 2015, , 1009-1017. | | 4 |
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| 72 | Huronian Glaciation. , 2015, , 1128-1135. | | 2 |

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| 73 | The 2.1 Ga Old Francevillian Biota: Biogenicity, Taphonomy and Biodiversity. PLoS ONE, 2014, 9, e99438. | 2.5 | 53 |
| 74 | Sedimentological and geochemical basin analysis of the Paleoproterozoic Penrhyn and Piling groups of Arctic Canada. Precambrian Research, 2014, 251, 80-101. | 2.7 | 26 |
| 75 | An iodine record of Paleoproterozoic surface ocean oxygenation. Geology, 2014, 42, 619-622. | 4.4 | 111 |
| 76 | Filling in the juvenile magmatic gap: Evidence for uninterrupted Paleoproterozoic plate tectonics. Earth and Planetary Science Letters, 2014, 388, 123-133. | 4.4 | 79 |
| 77 | Cobalt and marine redox evolution. Earth and Planetary Science Letters, 2014, 390, 253-263. | 4.4 | 95 |
| 78 | 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. | 4.1 | 56 |
| 79 | Evidence for oxygenic photosynthesis half a billion years before the Great Oxidation Event. Nature Geoscience, 2014, 7, 283-286. | 12.9 | 444 |
| 80 | 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. | 4.4 | 118 |
| 81 | Coupled Fe and S isotope variations in pyrite nodules from Archean shale. Earth and Planetary Science Letters, 2014, 392, 67-79. | 4.4 | 86 |
| 82 | Great Oxygenation Event. , 2014, , 1-9. | | 4 |
| 83 | Lomagundi Carbon Isotope Excursion. , 2014, , 1-6. | | 6 |
| 84 | Huronian Glaciation. , 2014, , 1-8. | | 3 |
| 85 | The Archean komatiite-hosted, PGE-bearing Niâ€“Cu sulfide deposit at Vaara, eastern Finland: evidence for assimilation of external sulfur and post-depositional desulfurization. Mineralium Deposita, 2013, 48, 967-989. | 4.1 | 38 |
| 86 | Nickel Isotope Variations in Terrestrial Silicate Rocks and Geological Reference Materials Measured by <scp>MC</scp>â€<scp>ICP</scp>â€<scp>MS</scp>. Geostandards and Geoanalytical Research, 2013, 37, 297-317. | 3.1 | 91 |
| 87 | Correlation of Paleoproterozoic glaciations based on Uâ€“Pb zircon ages for tuff beds in the Transvaal and Huronian Supergroups. Earth and Planetary Science Letters, 2013, 382, 173-180. | 4.4 | 132 |
| 88 | 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. | 3.3 | 19 |
| 89 | The chlorine isotope composition of chondrites and Earth. Geochimica Et Cosmochimica Acta, 2013, 107, 189-204. | 3.9 | 112 |
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| 91 | Uranium in iron formations and the rise of atmospheric oxygen. Chemical Geology, 2013, 362, 82-90. | 3.3 | 91 |
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| 93 | Proterozoic ocean redox and biogeochemical stasis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5357-5362. | 7.1 | 418 |
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| 95 | Paleoproterozoic high Î´13Ccarb marbles from the Ruwenzori Mountains, Uganda: Implications for the age of the Buganda Group. Chemical Geology, 2013, 362, 157-164. | 3.3 | 6 |
| 96 | 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. | 3.3 | 31 |
| 97 | Reply to Comment by C. Gaucher et al. on "Chemostratigraphic constraints on early Ediacaran carbonate ramp dynamics, RÃo 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. | 6.0 | 2 |
| 98 | Nitrogen cycle in the Late Archean ferruginous ocean. Chemical Geology, 2013, 362, 115-130. | 3.3 | 56 |
| 99 | Biological carbon precursor to diagenetic siderite with spherical structures in iron formations. Nature Communications, 2013, 4, 1741. | 12.8 | 85 |
| 100 | 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. | 3.8 | 30 |
| 101 | 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, 18300-18305. | 7.1 | 174 |
| 102 | Deposition of 1.88-billion-year-old iron formations as a consequence of rapid crustal growth. Nature, 2012, 484, 498-501. | 27.8 | 112 |
| 103 | Multiple Sulfur and Iron Isotope Composition of Magmatic Ni-Cu-(PGE) Sulfide Mineralization from Eastern Botswana. Economic Geology, 2012, 107, 105-116. | 3.8 | 71 |
| 104 | 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. | 3.8 | 86 |
| 105 | Iron isotope composition of some Archean and Proterozoic iron formations. Geochimica Et Cosmochimica Acta, 2012, 80, 158-169. | 3.9 | 147 |
| 106 | Chemostratigraphic constraints on early Ediacaran carbonate ramp dynamics, RÃo de la Plata craton, Uruguay. Gondwana Research, 2012, 22, 1073-1090. | 6.0 | 17 |
| 107 | Aerobic bacterial pyrite oxidation and acid rock drainage during the Great Oxidation Event. Nature, 2011, 478, 369-373. | 27.8 | 299 |
| 108 | Widespread iron-rich conditions in the mid-Proterozoic ocean. Nature, 2011, 477, 448-451. | 27.8 | 385 |

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| 109 | Geological constraints on the origin of oxygenic photosynthesis. Photosynthesis Research, 2011, 107, 11-36. | 2.9 | 200 |
| 110 | Needs and opportunities in mineral evolution research. American Mineralogist, 2011, 96, 953-963. | 1.9 | 61 |
| 111 | Late Archean euxinic conditions before the rise of atmospheric oxygen. Geology, 2011, 39, 119-122. | 4.4 | 87 |
| 112 | Organic-walled microfossils in 3.2-billion-year-old shallow-marine siliciclastic deposits. Nature, 2010, 463, 934-938. | 27.8 | 274 |
| 113 | Large colonial organisms with coordinated growth in oxygenated environments 2.1â€‰Gyr ago. Nature, 2010, 466, 100-104. | 27.8 | 235 |
| 114 | The evolution of the marine phosphate reservoir. Nature, 2010, 467, 1088-1090. | 27.8 | 361 |
| 115 | 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. | 3.9 | 373 |
| 116 | Global nature of the Paleoproterozoic Lomagundi carbon isotope excursion: A review of occurrences in Brazil, India, and Uruguay. Precambrian Research, 2010, 182, 274-299. | 2.7 | 61 |
| 117 | A review of the stratigraphy and geological setting of the Palaeoproterozoic Magondi Supergroup, Zimbabwe â€“ Type locality for the Lomagundi carbon isotope excursion. Precambrian Research, 2010, 182, 254-273. | 2.7 | 44 |
| 118 | Iron Formation: The Sedimentary Product of a Complex Interplay among Mantle, Tectonic, Oceanic, and Biospheric Processes. Economic Geology, 2010, 105, 467-508. | 3.8 | 752 |
| 119 | Atmospheric Sulfur in Archean Komatiite-Hosted Nickel Deposits. Science, 2009, 326, 1086-1089. | 12.6 | 152 |
| 120 | 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. | | 78 |
| 121 | Reâ€“Os depositional age for Archean carbonaceous slates from the southwestern Superior Province: Challenges and insights. Earth and Planetary Science Letters, 2009, 280, 83-92. | 4.4 | 52 |
| 122 | Iron-oxidizing microbial ecosystems thrived in late Paleoproterozoic redox-stratified oceans. Earth and Planetary Science Letters, 2009, 286, 230-242. | 4.4 | 166 |
| 123 | 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. | 4.4 | 113 |
| 124 | Uâ€“Thâ€“Pbâ€“REE systematics of organic-rich shales from the ca. 2.15ÂGa Sengoma Argillite Formation, Botswana: Evidence for oxidative continental weathering during the Great Oxidation Event. Chemical Geology, 2009, 260, 172-185. | 3.3 | 31 |
| 125 | Reconstructing Earth's surface oxidation across the Archean-Proterozoic transition. Geology, 2009, 37, 399-402. | 4.4 | 247 |
| 126 | Tracing the stepwise oxygenation of the Proterozoic ocean. Nature, 2008, 452, 456-459. | 27.8 | 883 |

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| 127 | Rise in seawater sulphate concentration associated with the Paleoproterozoic positive carbon isotope excursion: evidence from sulphate evaporites in the â^¼2.2â€“2.1â€ƒGyr shallowâ€marine Lucknow Formation, South Africa. Terra Nova, 2008, 20, 108-117. | 2.1 | 114 |
| 128 | Fractionation between inorganic and organic carbon during the Lomagundi (2.22â€“2.1ÂGa) carbon isotope excursion. Earth and Planetary Science Letters, 2008, 271, 278-291. | 4.4 | 96 |
| 129 | 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. | 4.4 | 228 |
| 130 | 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. | 4.4 | 79 |
| 131 | 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. | 2.7 | 132 |
| 132 | Iron Isotope Constraints on the Archean and Paleoproterozoic Ocean Redox State. Science, 2005, 307, 1088-1091. | 12.6 | 457 |
| 133 | Late Archean to Early Paleoproterozoic global tectonics, environmental change and the rise of atmospheric oxygen. Earth and Planetary Science Letters, 2005, 238, 156-171. | 4.4 | 193 |
| 134 | Evidence for Paleoproterozoic cap carbonates in North America. Precambrian Research, 2005, 137, 167-206. | 2.7 | 127 |
| 135 | Dating the rise of atmospheric oxygen. Nature, 2004, 427, 117-120. | 27.8 | 1,247 |
| 136 | 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. | 4.4 | 225 |
| 137 | Chemostratigraphy of Paleoproterozoic carbonate successions of the Wyoming Craton: tectonic forcing of biogeochemical change?. Precambrian Research, 2003, 120, 279-325. | 2.7 | 136 |
| 138 | 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. | 2.7 | 56 |
| 139 | Chemostratigraphy of Carbonates from the Minas Supergroup, Quadrilatero Ferryifero (Iron) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf<br>Climactic Change. Numerische Mathematik, 2003, 303, 865-904. | 1.4 | 85 |
| 140 | Chemostratigraphy of the Paleoproterozoic Duitschland Formation, South Africa: implications for coupled climate change and carbon cycling. Numerische Mathematik, 2001, 301, 261-285. | 1.4 | 188 |