

# Chris L Kirkland

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216  
papers

6,112  
citations

44  
h-index

69  
g-index

235  
ext. papers

7,412  
ext. citations

4.6  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
216	Pb isotope insight into the formation of the Earth's first stable continents. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 578, 117319	5.3	0
215	A geochronological review of magmatism along the external margin of Columbia and in the Grenville-age orogens forming the core of Rodinia. <i>Precambrian Research</i> , <b>2022</b> , 106463	3.9	4
214	AnalyZr: A Python application for zircon grain image segmentation and shape analysis. <i>Computers and Geosciences</i> , <b>2022</b> , 105057	4.5	0
213	Terminal tectono-magmatic phase of the New England Orogen driven by lithospheric delamination. <i>Gondwana Research</i> , <b>2022</b> , 106, 105-125	5.1	
212	Multiple modes of sulphur cycling within a mineralised orogen: A case study from the Fraser Zone, Western Australia. <i>Lithos</i> , <b>2022</b> , 408-409, 106536	2.9	0
211	An apatite to unravel petrogenic processes of the Nova-Bollinger Ni-Cu magmatic sulfide deposit, Western Australia. <i>Precambrian Research</i> , <b>2022</b> , 369, 106524	3.9	0
210	Gaining from loss: Detrital zircon source-normalized $\delta^{18}O$ discriminates first- versus multi-cycle grain histories. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 579, 117346	5.3	0
209	Understanding ancient tectonic settings through detrital zircon analysis. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 583, 117425	5.3	0
208	Anorthosite formation and emplacement coupled with differential tectonic exhumation of ultrahigh-temperature rocks in a Sveconorwegian continental back-arc setting. <i>Precambrian Research</i> , <b>2022</b> , 376, 106695	3.9	0
207	Uncovering the Leichhardt Superbasin and Kalkadoon-Leichhardt Complex in the southern Mount Isa Terrane, Australia. <i>Precambrian Research</i> , <b>2022</b> , 375, 106680	3.9	0
206	Multi-isotope tracing of the 1.30.9 Ga evolution of Fennoscandia; crustal growth during the Sveconorwegian orogeny. <i>Gondwana Research</i> , <b>2021</b> , 91, 31-39	5.1	4
205	Oxygen isotopes trace the origins of Earth's earliest continental crust. <i>Nature</i> , <b>2021</b> , 592, 70-75	50.4	19
204	Stirred not shaken; critical evaluation of a proposed Archean meteorite impact in West Greenland. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 557, 116730	5.3	5
203	Origin of high-Cr stratiform chromitite in the Fangmayu Alaskan-type ultramafic intrusion, North China Craton. <i>Precambrian Research</i> , <b>2021</b> , 355, 106096	3.9	1
202	Every zircon deserves a date: selection bias in detrital geochronology. <i>Geological Magazine</i> , <b>2021</b> , 158, 1135-1142	2	6
201	Deformation-enhanced recrystallization of titanite drives decoupling between U-Pb and trace elements. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 560, 116810	5.3	6
200	Mineralization proximal to the final Nuna suture in northeastern Australia. <i>Gondwana Research</i> , <b>2021</b> , 92, 54-71	5.1	4

199	Extracting meaningful U-Pb ages from core-mixtures. <i>Gondwana Research</i> , <b>2021</b> , 92, 102-112	5.1	3
198	Nd and Hf isoscapes of the Yilgarn Craton, Western Australia and implications for its mineral systems. <i>Gondwana Research</i> , <b>2021</b> , 92, 253-265	5.1	3
197	Petrological control on chargeability with implications for induced polarization surveys. <i>Journal of Applied Geophysics</i> , <b>2021</b> , 188, 104308	1.7	1
196	Regional zircon U-Pb geochronology for the Maniitsoq region, southwest Greenland. <i>Scientific Data</i> , <b>2021</b> , 8, 139	8.2	1
195	Emergence of continents above sea-level influences sediment melt composition. <i>Terra Nova</i> , <b>2021</b> , 33, 465-474	3	3
194	The corundum conundrum: Constraining the compositions of fluids involved in ruby formation in metamorphic melanges of ultramafic and aluminous rocks. <i>Chemical Geology</i> , <b>2021</b> , 571, 120180	4.2	3
193	Effect of water on $\delta^{18}O$ in zircon. <i>Chemical Geology</i> , <b>2021</b> , 574, 120243	4.2	3
192	Strontium isotope analysis of apatite via SIMS. <i>Chemical Geology</i> , <b>2021</b> , 559, 119979	4.2	5
191	Reduce or recycle? Revealing source to sink links through integrated zirconfeldspar provenance fingerprinting. <i>Sedimentology</i> , <b>2021</b> , 68, 531-556	3.3	9
190	The Mesoarchaean Akia terrane, West Greenland, revisited: New insights based on spatial integration of geophysics, field observation, geochemistry and geochronology. <i>Precambrian Research</i> , <b>2021</b> , 352, 105958	3.9	5
189	Mechanical twinning of monazite expels radiogenic lead. <i>Geology</i> , <b>2021</b> , 49, 417-421	5	10
188	Theoretical versus empirical secular change in zircon composition. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 554, 116660	5.3	6
187	Widespread reworking of Hadean-to-Eoarchean continents during Earth's thermal peak. <i>Nature Communications</i> , <b>2021</b> , 12, 331	17.4	10
186	Evidence from the U-Pb signatures of detrital zircons for a Baltican provenance for basal Old Red Sandstone successions, northern Scottish Caledonides. <i>Journal of the Geological Society</i> , <b>2021</b> , 178, jgs2020-241	2.7	0
185	Zircon double-dating of Quaternary eruptions on Jeju Island, South Korea. <i>Journal of Volcanology and Geothermal Research</i> , <b>2021</b> , 410, 107171	2.8	3
184	Resolving the age of the Houghton impact structure using coupled $^{40}Ar/^{39}Ar$ and U-Pb geochronology. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 304, 68-82	5.5	2
183	Coupling sulfur and oxygen isotope ratios in sediment melts across the Archean-Proterozoic transition. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 307, 242-257	5.5	2
182	A new approach to SHRIMP II zircon U-Th disequilibrium dating. <i>Computers and Geosciences</i> , <b>2021</b> , 104947.5	4.5	0

181	Considerations for double-dating zircon in secular disequilibrium with protracted crystallisation histories. <i>Chemical Geology</i> , <b>2021</b> , 581, 120408	4.2	0
180	Corundum (ruby) growth during the final assembly of the Archean North Atlantic Craton, southern West Greenland. <i>Ore Geology Reviews</i> , <b>2021</b> , 138, 104417	3.2	0
179	Apatite and biotite thermochronometers help explain an Arctic Caledonide inverted metamorphic gradient. <i>Chemical Geology</i> , <b>2021</b> , 584, 120524	4.2	0
178	Isotopic modelling of Archean crustal evolution from comagmatic zircon-apatite pairs. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 575, 117194	5.3	1
177	Model versus measured detrital zircon age signatures of the early Earth. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 575, 117182	5.3	0
176	Late Neoproterozoic-Bilurian tectonic evolution of the R�ingsfj�let Nappe Complex, orogen-scale correlations and implications for the Scandian suture. <i>Geological Society Special Publication</i> , <b>2020</b> , SP503-2020-10	1.7	8
175	Shocked titanite records Chicxulub hydrothermal alteration and impact age. <i>Geochimica Et Cosmochimica Acta</i> , <b>2020</b> , 281, 12-30	5.5	10
174	>2.7 Ga metamorphic peridotites from southeast Greenland record the oxygen isotope composition of Archean seawater. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 544, 116331	5.3	11
173	Resampling (detrital) zircon age distributions for accurate multidimensional scaling solutions. <i>Earth-Science Reviews</i> , <b>2020</b> , 204, 103149	10.2	7
172	A novel application of image analysis to interpret trace element distributions in magmatic sulphides. <i>Lithos</i> , <b>2020</b> , 362-363, 105451	2.9	3
171	Metasomatic Reactions between Archean Dunite and Trondhjemite at the Seqi Olivine Mine in Greenland. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 85	2.4	4
170	Evolution of geodynamics since the Archean: Significant change at the dawn of the Phanerozoic. <i>Geology</i> , <b>2020</b> , 48, 488-492	5	25
169	Zircon fingerprint of the Neoproterozoic North Atlantic: Perspectives from East Greenland. <i>Precambrian Research</i> , <b>2020</b> , 342, 105653	3.9	9
168	Precise radiometric age establishes Yarrabubba, Western Australia, as Earth's oldest recognised meteorite impact structure. <i>Nature Communications</i> , <b>2020</b> , 11, 300	17.4	23
167	Mesoarchean partial melting of mafic crust and tonalite production during high-T/low-P stagnant tectonism, Akia Terrane, West Greenland. <i>Precambrian Research</i> , <b>2020</b> , 339, 105615	3.9	18
166	North Atlantic Craton architecture revealed by kimberlite-hosted crustal zircons. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 534, 116091	5.3	13
165	Dating young zircon: A case study from Southeast Asian megacrysts. <i>Geochimica Et Cosmochimica Acta</i> , <b>2020</b> , 274, 1-19	5.5	3
164	Nanoscale Isotopic Dating of Monazite. <i>Geostandards and Geoanalytical Research</i> , <b>2020</b> , 44, 637-652	3.6	10

163	Resolving multiple geological events using in situ Rb/Bs geochronology: implications for metallogenesis at Tropicana, Western Australia. <i>Geochronology</i> , <b>2020</b> , 2, 283-303	3.8	6
162	Titanite petrochronology linked to phase equilibrium modelling constrains tectono-thermal events in the Akia Terrane, West Greenland. <i>Chemical Geology</i> , <b>2020</b> , 536, 119467	4.2	16
161	Zircon oxygen and hafnium isotope decoupling during regional metamorphism: implications for the generation of low $\delta^{18}O$ magmas. <i>Contributions To Mineralogy and Petrology</i> , <b>2020</b> , 175, 1	3.5	5
160	Find a match with triple-dating: Antarctic sub-ice zircon detritus on the modern shore of Western Australia. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 531, 115953	5.3	4
159	Evaluating zircon initial Hf isotopic composition using a combined SIMS/MC-LASS-ICP-MS approach: A case study from the Coompana Province in South Australia. <i>Chemical Geology</i> , <b>2020</b> , 558, 119870	4.2	4
158	Apatite and monazite: An effective duo to unravel superimposed fluid-flow and deformation events in reactivated shear zones. <i>Lithos</i> , <b>2020</b> , 376-377, 105752	2.9	2
157	Using apatite to resolve the age and protoliths of mid-crustal shear zones: A case study from the Taxaquara Shear Zone, SE Brazil. <i>Lithos</i> , <b>2020</b> , 378-379, 105817	2.9	4
156	A Baltic heritage in Scotland: Basement terrane transfer during the Grenvillian orogeny. <i>Geology</i> , <b>2020</b> , 48, 1094-1098	5	5
155	Apatite U/Pb dating and geochemistry of the Kyrgyz South Tian Shan (Central Asia): Establishing an apatite fingerprint for provenance studies. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 2003-2015	6	6
154	Differentiating between Inherited and Autocrystic Zircon in Granitoids. <i>Journal of Petrology</i> , <b>2020</b> , 61,	3.9	11
153	The Sveconorwegian orogeny: Reamalgamation of the fragmented southwestern margin of Fennoscandia. <i>Precambrian Research</i> , <b>2020</b> , 350, 105877	3.9	10
152	Geodynamic Implications of Synchronous Norite and TTG Formation in the 3 Ga Maniitsoq Norite Belt, West Greenland. <i>Frontiers in Earth Science</i> , <b>2020</b> , 8,	3.5	7
151	Geochronological constrains on the timing of magmatism, deformation and mineralization at the Karouni orogenic gold deposit: Guyana, South America. <i>Precambrian Research</i> , <b>2020</b> , 337, 105329	3.9	4
150	Strategies towards robust interpretations of in situ zircon Lu/Hf isotope analyses. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 843-853	6	52
149	Provenance bias between detrital zircons from sandstones and river sands: A quantification approach using 3-D grain shape, composition and age. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 835-842	6	2
148	Changing of the guards: Detrital zircon provenance tracking sedimentological reorganization of a post-Gondwanan rift margin. <i>Basin Research</i> , <b>2020</b> , 32, 854-874	3.2	2
147	Modelling U-Pb discordance in the Acasta Gneiss: Implications for fluid-rock interaction in Earth's oldest dated crust. <i>Gondwana Research</i> , <b>2020</b> , 77, 223-237	5.1	2
146	Spot the difference: Zircon disparity tracks crustal evolution. <i>Geology</i> , <b>2019</b> , 47, 435-439	5	8

145	Tracking mineralisation with in situ multiple sulphur isotopes: a case study from the Fraser Zone, Western Australia. <i>Precambrian Research</i> , <b>2019</b> , 332, 105379	3.9	2
144	Hf isotopic fingerprinting of geodynamic settings: Integrating isotopes and numerical models. <i>Gondwana Research</i> , <b>2019</b> , 73, 190-199	5.1	8
143	Paleoproterozoic increase in zircon $\delta^{18}O$ driven by rapid emergence of continental crust. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 257, 16-25	5.5	21
142	Breaking the Grenville–veconorwegian link in Rodinia reconstructions. <i>Terra Nova</i> , <b>2019</b> , 31, 430-437	3	22
141	Time-space evolution of an Archean craton: A Hf-isotope window into continent formation. <i>Earth-Science Reviews</i> , <b>2019</b> , 196, 102831	10.2	31
140	Titanite dates crystallization: Slow Pb diffusion during super-solidus re-equilibration. <i>Journal of Metamorphic Geology</i> , <b>2019</b> , 37, 823-838	4.4	12
139	Building Mesoarchaeon crust upon Eoarchaeon roots: the Akia Terrane, West Greenland. <i>Contributions To Mineralogy and Petrology</i> , <b>2019</b> , 174, 1	3.5	33
138	A gradual transition to plate tectonics on Earth between 3.2 to 2.7 billion years ago. <i>Terra Nova</i> , <b>2019</b> , 31, 129-134	3	16
137	Time-resolved, defect-hosted, trace element mobility in deformed Witwatersrand pyrite. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 55-63	6	31
136	Zircon grain shape holds provenance information: A case study from southwestern Australia. <i>Geological Journal</i> , <b>2019</b> , 54, 1279-1293	1.7	10
135	Crustal reworking and orogenic styles inferred from zircon Hf isotopes: Proterozoic examples from the North Atlantic region. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 417-424	6	21
134	Assessing volcanic origins within detrital zircon populations – A case study from the Mesozoic non-volcanic margin of southern Australia. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 1371-1381	6	3
133	Detrital shocked zircon provides first radiometric age constraint (. <i>Bulletin of the Geological Society of America</i> , <b>2019</b> , 131, 845-863	3.9	6
132	No evidence for high-pressure melting of Earth's crust in the Archean. <i>Nature Communications</i> , <b>2019</b> , 10, 5559	17.4	39
131	Unravelling complex geologic histories using U/Pb and trace element systematics of titanite. <i>Chemical Geology</i> , <b>2019</b> , 504, 105-122	4.2	25
130	Trace elements in titanite: A potential tool to constrain polygenetic growth processes and timing. <i>Chemical Geology</i> , <b>2019</b> , 509, 1-19	4.2	21
129	A window into an ancient backarc? The magmatic and metamorphic history of the Fraser Zone, Western Australia. <i>Precambrian Research</i> , <b>2019</b> , 323, 55-69	3.9	15
128	When will it end? Long-lived intracontinental reactivation in central Australia. <i>Geoscience Frontiers</i> , <b>2019</b> , 10, 149-164	6	13

127	Secular change in TTG compositions: Implications for the evolution of Archaean geodynamics. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 505, 65-75	5.3	59
126	Modelling the Hafnium-Neodymium Evolution of Early Earth: A Study from West Greenland. <i>Journal of Petrology</i> , <b>2019</b> , 60, 177-197	3.9	8
125	Zircon U-Pb, Lu-Hf and O isotopes from the 3414 Ma Strelley Pool Formation, East Pilbara Terrane, and the Palaeoarchaean emergence of a cryptic cratonic core. <i>Precambrian Research</i> , <b>2019</b> , 321, 64-84	3.9	11
124	The Archean Fortescue large igneous province: A result of komatiite contamination by a distinct Eo-Paleoarchaean crust. <i>Precambrian Research</i> , <b>2018</b> , 310, 365-390	3.9	18
123	Th/U ratios in metamorphic zircon. <i>Journal of Metamorphic Geology</i> , <b>2018</b> , 36, 715-737	4.4	159
122	Nanoscale distribution of Pb in monazite revealed by atom probe microscopy. <i>Chemical Geology</i> , <b>2018</b> , 479, 251-258	4.2	27
121	A Palaeoproterozoic tectono-magmatic lull as a potential trigger for the supercontinent cycle. <i>Nature Geoscience</i> , <b>2018</b> , 11, 97-101	18.3	63
120	Timing of collision initiation and location of the Scandian orogenic suture in the Scandinavian Caledonides. <i>Terra Nova</i> , <b>2018</b> , 30, 179-188	3	18
119	Implications of erosion and bedrock composition on zircon fertility: Examples from South America and Western Australia. <i>Terra Nova</i> , <b>2018</b> , 30, 289-295	3	27
118	Assessing the mechanisms of common Pb incorporation into titanite. <i>Chemical Geology</i> , <b>2018</b> , 483, 558-566	4.6	35
117	The crustal architecture of Myanmar imaged through zircon U-Pb, Lu-Hf and O isotopes: Tectonic and metallogenic implications. <i>Gondwana Research</i> , <b>2018</b> , 62, 27-60	5.1	48
116	Sediment routing and basin evolution in Proterozoic to Mesozoic east Gondwana: A case study from southern Australia. <i>Gondwana Research</i> , <b>2018</b> , 58, 122-140	5.1	15
115	Source to sink zircon grain shape: Constraints on selective preservation and significance for Western Australian Proterozoic basin provenance. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 415-430	6	33
114	Tropicana translated: a foreland thrust system imbricate fan setting for c. 2520 Ma orogenic gold mineralization at the northern margin of the Albany-Braser Orogen, Western Australia. <i>Geological Society Special Publication</i> , <b>2018</b> , 453, 225-245	1.7	3
113	The complexity of sediment recycling as revealed by common Pb isotopes in K-feldspar. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 1515-1527	6	15
112	Apatite: a U-Pb thermochronometer or geochronometer?. <i>Lithos</i> , <b>2018</b> , 318-319, 143-157	2.9	61
111	An impact melt origin for Earth's oldest known evolved rocks. <i>Nature Geoscience</i> , <b>2018</b> , 11, 795-799	18.3	27
110	Magma evolution in the Halls Creek Orogen; insight from geodynamic numerical modelling and geochemical analysis. <i>ASEG Extended Abstracts</i> , <b>2018</b> , 2018, 1-6	0.2	



109	Melting controls on the lutetium <sup>177</sup> hafnium evolution of Archaean crust. <i>Precambrian Research</i> , <b>2018</b> , 305, 479-488	3.9	30
108	Magma-driven, high-grade metamorphism in the Sveconorwegian Province, southwest Norway, during the terminal stages of Fennoscandian Shield evolution <b>2018</b> , 14, 861-882		30
107	Buried but preserved: The Proterozoic Arubiddy Ophiolite, Madura Province, Western Australia. <i>Precambrian Research</i> , <b>2018</b> , 317, 137-158	3.9	21
106	Zircon as a metamorphic timekeeper: A case study from the Caledonides of central Norway. <i>Gondwana Research</i> , <b>2018</b> , 61, 63-72	5.1	8
105	Isotopic insight into the Proterozoic crustal evolution of the Rudall Province, Western Australia. <i>Precambrian Research</i> , <b>2018</b> , 313, 31-50	3.9	10
104	Mesoarchean exhumation of the Akia terrane and a common Neoproterozoic tectonothermal history for West Greenland. <i>Precambrian Research</i> , <b>2018</b> , 314, 129-144	3.9	22
103	Proterozoic crustal evolution of the Eucla basement, Australia: Implications for destruction of oceanic crust during emergence of Nuna. <i>Lithos</i> , <b>2017</b> , 278-281, 427-444	2.9	41
102	Multi-mineral geochronology: insights into crustal behaviour during exhumation of an orogenic root. <i>Contributions To Mineralogy and Petrology</i> , <b>2017</b> , 172, 1	3.5	3
101	Radiogenic heating and craton-margin plate stresses as drivers for intraplate orogeny. <i>Journal of Metamorphic Geology</i> , <b>2017</b> , 35, 631-661	4.4	19
100	Shocked monazite chronometry: integrating microstructural and in situ isotopic age data for determining precise impact ages. <i>Contributions To Mineralogy and Petrology</i> , <b>2017</b> , 172, 1	3.5	31
99	Earth's first stable continents did not form by subduction. <i>Nature</i> , <b>2017</b> , 543, 239-242	50.4	209
98	Zircon geochronology reveals polyphase magmatism and crustal anatexis in the Buchan Block, NE Scotland: Implications for the Grampian Orogeny. <i>Geoscience Frontiers</i> , <b>2017</b> , 8, 1469-1478	6	11
97	Seeing is believing: Visualization of He distribution in zircon and implications for thermal history reconstruction on single crystals. <i>Science Advances</i> , <b>2017</b> , 3, e1601121	14.3	78
96	An Australian source for Pacific-Gondwanan zircons: Implications for the assembly of northeastern Gondwana. <i>Geology</i> , <b>2017</b> , G39152.1	5	5
95	Processes of crust formation in the early Earth imaged through Hf isotopes from the East Pilbara Terrane. <i>Precambrian Research</i> , <b>2017</b> , 297, 56-76	3.9	50
94	Linking the Windmill Islands, east Antarctica and the Albany-Braser Orogen: Insights from U <sup>238</sup> Bz zircon geochronology and Hf isotopes. <i>Precambrian Research</i> , <b>2017</b> , 293, 131-149	3.9	37
93	Early Cambrian metamorphic zircon in the northern Pinjarra Orogen: Implications for the structure of the West Australian Craton margin. <i>Lithosphere</i> , <b>2017</b> , 9, 3-13	2.7	20
92	Variations in Zircon Provenance Constrain Age and Geometry of an Early Paleozoic Rift in the Pinjarra Orogen, East Gondwana. <i>Tectonics</i> , <b>2017</b> , 36, 2477-2496	4.3	21



91	The use of detrital zircon data in terrane analysis: A nonunique answer to provenance and tectonostratigraphic position in the Scandinavian Caledonides. <i>Lithosphere</i> , <b>2017</b> , 9, 1002-1011	2.7	16
90	Mapping temporal and spatial patterns of zircon U-Pb disturbance: A Yilgarn Craton case study. <i>Gondwana Research</i> , <b>2017</b> , 52, 39-47	5.1	5
89	Contrasting Granite Metallogeny through the Zircon Record: A Case Study from Myanmar. <i>Scientific Reports</i> , <b>2017</b> , 7, 748	4.9	48
88	Apatite and titanite from the Karrat Group, Greenland; implications for charting the thermal evolution of crust from the U-Pb geochronology of common Pb bearing phases. <i>Precambrian Research</i> , <b>2017</b> , 300, 107-120	3.9	36
87	3-D Characterization of Detrital Zircon Grains and its Implications for Fluvial Transport, Mixing, and Preservation Bias. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 4655-4673	3.6	14
86	An isotopic perspective on growth and differentiation of Proterozoic orogenic crust: From subduction magmatism to cratonization. <i>Lithos</i> , <b>2017</b> , 268-271, 76-86	2.9	26
85	Cooling and exhumation along the curved Albany-Fraser orogen, Western Australia. <i>Lithosphere</i> , <b>2016</b> , 8, 551-563	2.7	8
84	Petrogenesis and Ni-Cu sulphide potential of mafic-ultramafic rocks in the Mesoproterozoic Fraser Zone within the Albany-Fraser Orogen, Western Australia. <i>Precambrian Research</i> , <b>2016</b> , 281, 27-46	3.9	32
83	Grain size matters: Implications for element and isotopic mobility in titanite. <i>Precambrian Research</i> , <b>2016</b> , 278, 283-302	3.9	39
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1 Thin-section detrital zircon geochronology mitigates bias in provenance investigations. *Journal of the Geological Society*,jgs2021-070 2.7 1