

Peter A Cawood

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7755602/publications.pdf>

Version: 2024-02-01

345
papers

34,758
citations

3149

92
h-index

3997

176
g-index

361
all docs

361
docs citations

361
times ranked

8321
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Archean blocks and their boundaries in the North China Craton: lithological, geochemical, structural and $^{40}\text{Ar}/^{39}\text{Ar}$ path constraints and tectonic evolution. <i>Precambrian Research</i> , 2001, 107, 45-73. | 1.2 | 1,657 |
| 2 | Review of global 2.1–1.8 Ga orogens: implications for a pre-Rodinia supercontinent. <i>Earth-Science Reviews</i> , 2002, 59, 125-162. | 4.0 | 1,388 |
| 3 | Precambrian geology of China. <i>Precambrian Research</i> , 2012, 222-223, 13-54. | 1.2 | 1,241 |
| 4 | Detrital zircon record and tectonic setting. <i>Geology</i> , 2012, 40, 875-878. | 2.0 | 1,038 |
| 5 | Amalgamation of the North China Craton: Key issues and discussion. <i>Precambrian Research</i> , 2012, 222-223, 55-76. | 1.2 | 806 |
| 6 | Accretionary orogens through Earth history. <i>Geological Society Special Publication</i> , 2009, 318, 1-36. | 0.8 | 719 |
| 7 | A Change in the Geodynamics of Continental Growth 3 Billion Years Ago. <i>Science</i> , 2012, 335, 1334-1336. | 6.0 | 707 |
| 8 | The generation and evolution of the continental crust. <i>Journal of the Geological Society</i> , 2010, 167, 229-248. | 0.9 | 650 |
| 9 | Terra Australis Orogen: Rodinia breakup and development of the Pacific and Iapetus margins of Gondwana during the Neoproterozoic and Paleozoic. <i>Earth-Science Reviews</i> , 2005, 69, 249-279. | 4.0 | 635 |
| 10 | Metamorphism of basement rocks in the Central Zone of the North China Craton: implications for Paleoproterozoic tectonic evolution. <i>Precambrian Research</i> , 2000, 103, 55-88. | 1.2 | 566 |
| 11 | Linking accretionary orogenesis with supercontinent assembly. <i>Earth-Science Reviews</i> , 2007, 82, 217-256. | 4.0 | 562 |
| 12 | Thermal Evolution of Archean Basement Rocks from the Eastern Part of the North China Craton and Its Bearing on Tectonic Setting. <i>International Geology Review</i> , 1998, 40, 706-721. | 1.1 | 557 |
| 13 | Locating South China in Rodinia and Gondwana: A fragment of greater India lithosphere?. <i>Geology</i> , 2013, 41, 903-906. | 2.0 | 529 |
| 14 | The continental record and the generation of continental crust. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 14-32. | 1.6 | 484 |
| 15 | Assembly of the Lhasa and Qiangtang terranes in central Tibet by divergent double subduction. <i>Lithos</i> , 2016, 245, 7-17. | 0.6 | 432 |
| 16 | High-Pressure Granulites (Retrograded Eclogites) from the Hengshan Complex, North China Craton: Petrology and Tectonic Implications. <i>Journal of Petrology</i> , 2001, 42, 1141-1170. | 1.1 | 417 |
| 17 | Early Palaeozoic orogenesis along the Indian margin of Gondwana: Tectonic response to Gondwana assembly. <i>Earth and Planetary Science Letters</i> , 2007, 255, 70-84. | 1.8 | 417 |
| 18 | Single zircon grains record two Paleoproterozoic collisional events in the North China Craton. <i>Precambrian Research</i> , 2010, 177, 266-276. | 1.2 | 414 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | SHRIMP U-Pb zircon ages of the Fuping Complex: Implications for Late Archean to Paleoproterozoic accretion and assembly of the North China Craton. <i>Numerische Mathematik</i> , 2002, 302, 191-226. | 0.7 | 400 |
| 20 | Opening Iapetus: Constraints from the Laurentian margin in Newfoundland. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 443-453. | 1.6 | 369 |
| 21 | Reconstructing South China in Phanerozoic and Precambrian supercontinents. <i>Earth-Science Reviews</i> , 2018, 186, 173-194. | 4.0 | 364 |
| 22 | Tectonic setting of the South China Block in the early Paleozoic: Resolving intracontinental and ocean closure models from detrital zircon U-Pb geochronology. <i>Tectonics</i> , 2010, 29, n/a-n/a. | 1.3 | 345 |
| 23 | When Continents Formed. <i>Science</i> , 2011, 331, 154-155. | 6.0 | 324 |
| 24 | A Matter of Preservation. <i>Science</i> , 2009, 323, 49-50. | 6.0 | 319 |
| 25 | Magmatic record of India-Asia collision. <i>Scientific Reports</i> , 2015, 5, 14289. | 1.6 | 316 |
| 26 | Linking collisional and accretionary orogens during Rodinia assembly and breakup: Implications for models of supercontinent cycles. <i>Earth and Planetary Science Letters</i> , 2016, 449, 118-126. | 1.8 | 316 |
| 27 | Sedimentary basin and detrital zircon record along East Laurentia and Baltica during assembly and breakup of Rodinia. <i>Journal of the Geological Society</i> , 2007, 164, 257-275. | 0.9 | 292 |
| 28 | Tectonothermal history of the basement rocks in the western zone of the North China Craton and its tectonic implications. <i>Tectonophysics</i> , 1999, 310, 37-53. | 0.9 | 290 |
| 29 | Granitoid evolution in the Late Archean Wutai Complex, North China Craton. <i>Journal of Asian Earth Sciences</i> , 2005, 24, 597-613. | 1.0 | 286 |
| 30 | Assembling Australia: Proterozoic building of a continent. <i>Precambrian Research</i> , 2008, 166, 1-35. | 1.2 | 284 |
| 31 | Provenance record of a rift basin: U/Pb ages of detrital zircons from the Perth Basin, Western Australia. <i>Sedimentary Geology</i> , 2000, 134, 209-234. | 1.0 | 270 |
| 32 | Early Paleozoic and Early Mesozoic intraplate tectonic and magmatic events in the Cathaysia Block, South China. <i>Tectonics</i> , 2015, 34, 1600-1621. | 1.3 | 262 |
| 33 | Precambrian plate tectonics: Criteria and evidence. <i>GSA Today</i> , 2006, 16, 4. | 1.1 | 249 |
| 34 | Tectonics and crustal evolution. <i>GSA Today</i> , 2016, 26, 4-11. | 1.1 | 246 |
| 35 | Thermal evolution of two textural types of mafic granulites in the North China craton: evidence for both mantle plume and collisional tectonics. <i>Geological Magazine</i> , 1999, 136, 223-240. | 0.9 | 236 |
| 36 | Closure of the East Paleotethyan Ocean and amalgamation of the Eastern Cimmerian and Southeast Asia continental fragments. <i>Earth-Science Reviews</i> , 2018, 186, 195-230. | 4.0 | 231 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Geological archive of the onset of plate tectonics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170405. | 1.6 | 227 |
| 38 | Geochronological, geochemical and Nd-Hf-Os isotopic fingerprinting of an early Neoproterozoic arc-back-arc system in South China and its accretionary assembly along the margin of Rodinia. <i>Precambrian Research</i> , 2013, 231, 343-371. | 1.2 | 218 |
| 39 | Linking source and sedimentary basin: Detrital zircon record of sediment flux along a modern river system and implications for provenance studies. <i>Earth and Planetary Science Letters</i> , 2003, 210, 259-268. | 1.8 | 202 |
| 40 | Neoproterozoic orogeny along the margin of Rodinia: Valhalla orogen, North Atlantic. <i>Geology</i> , 2010, 38, 99-102. | 2.0 | 199 |
| 41 | Petrology and P-T path of the Fuping mafic granulites: implications for tectonic evolution of the central zone of the North China craton. <i>Journal of Metamorphic Geology</i> , 2000, 18, 375-391. | 1.6 | 195 |
| 42 | Sr-Nd-Pb isotopic constraints on multiple mantle domains for Mesozoic mafic rocks beneath the South China Block hinterland. <i>Lithos</i> , 2008, 106, 297-308. | 0.6 | 189 |
| 43 | Assembling and reactivating the Proterozoic Capricorn Orogen: lithotectonic elements, orogenies, and significance. <i>Precambrian Research</i> , 2004, 128, 201-218. | 1.2 | 186 |
| 44 | Jiangnan Orogen, South China: A ~970-820-Ma Rodinia margin accretionary belt. <i>Earth-Science Reviews</i> , 2019, 196, 102872. | 4.0 | 186 |
| 45 | Earth's middle age. <i>Geology</i> , 2014, 42, 503-506. | 2.0 | 182 |
| 46 | Earth's Continental Lithosphere Through Time. <i>Annual Review of Earth and Planetary Sciences</i> , 2017, 45, 169-198. | 4.6 | 182 |
| 47 | Raising the Gangdese Mountains in southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 214-223. | 1.4 | 178 |
| 48 | Large Igneous Province and magmatic arc sourced Permian-Triassic volcanogenic sediments in China. <i>Sedimentary Geology</i> , 2012, 261-262, 120-131. | 1.0 | 174 |
| 49 | Paleogeographic development of the east Laurentian margin: Constraints from U-Pb dating of detrital zircons in the Newfoundland Appalachians. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 1234-1246. | 1.6 | 172 |
| 50 | Geochemical, Sr-Nd-Pb, and Zircon Hf-O Isotopic Compositions of Eocene-Oligocene Shoshonitic and Potassic Adakite-like Felsic Intrusions in Western Yunnan, SW China: Petrogenesis and Tectonic Implications. <i>Journal of Petrology</i> , 2013, 54, 1309-1348. | 1.1 | 170 |
| 51 | Petrology and P-T history of the Wutai amphibolites: implications for tectonic evolution of the Wutai Complex, China. <i>Precambrian Research</i> , 1999, 93, 181-199. | 1.2 | 168 |
| 52 | Tarim and North China cratons linked to northern Gondwana through switching accretionary tectonics and collisional orogenesis. <i>Geology</i> , 2016, 44, 95-98. | 2.0 | 167 |
| 53 | Geology and timing of mineralization at the Cangshang gold deposit, north-western Jiaodong Peninsula, China. <i>Mineralium Deposita</i> , 2003, 38, 141-153. | 1.7 | 158 |
| 54 | Source of the Dalradian Supergroup constrained by U-Pb dating of detrital zircon and implications for the East Laurentian margin. <i>Journal of the Geological Society</i> , 2003, 160, 231-246. | 0.9 | 152 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Triassic collision in the Paleo-Tethys Ocean constrained by volcanic activity in SW China. <i>Lithos</i> , 2012, 144-145, 145-160. | 0.6 | 145 |
| 56 | Petrogenesis of early Paleozoic peraluminous granite in the Sibumasu Block of SW Yunnan and diachronous accretionary orogenesis along the northern margin of Gondwana. <i>Lithos</i> , 2013, 182-183, 67-85. | 0.6 | 144 |
| 57 | Intracontinental Eocene-Oligocene Porphyry Cu Mineral Systems of Yunnan, Western Yangtze Craton, China: Compositional Characteristics, Sources, and Implications for Continental Collision Metallogeny. <i>Economic Geology</i> , 2013, 108, 1541-1576. | 1.8 | 144 |
| 58 | Rates of generation and growth of the continental crust. <i>Geoscience Frontiers</i> , 2019, 10, 165-173. | 4.3 | 143 |
| 59 | Paleoproterozoic magmatic and metamorphic events link Yangtze to northwest Laurentia in the Nuna supercontinent. <i>Earth and Planetary Science Letters</i> , 2016, 433, 269-279. | 1.8 | 138 |
| 60 | Continental growth and the crustal record. <i>Tectonophysics</i> , 2013, 609, 651-660. | 0.9 | 135 |
| 61 | Contrasting modes of supercontinent formation and the conundrum of Pangea. <i>Gondwana Research</i> , 2009, 15, 408-420. | 3.0 | 133 |
| 62 | Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW Tj ETQq0 0 0 rBT /Overlock 10 Tf | 0.6 | 131 |
| 63 | Discordance of the U-Pb system in detrital zircons: Implication for provenance studies of sedimentary rocks. <i>Sedimentary Geology</i> , 2005, 182, 143-162. | 1.0 | 130 |
| 64 | Composition of back-arc basin volcanics, Valu Fa Ridge, Lau Basin: Evidence for a slab-derived component in their mantle source. <i>Journal of Volcanology and Geothermal Research</i> , 1987, 32, 209-222. | 0.8 | 129 |
| 65 | Detrital record of Indosinian mountain building in SW China: Provenance of the Middle Triassic turbidites in the Youjiang Basin. <i>Tectonophysics</i> , 2012, 574-575, 105-117. | 0.9 | 128 |
| 66 | Orogenesis without collision: Stabilizing the Terra Australis accretionary orogen, eastern Australia. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 2240-2255. | 1.6 | 125 |
| 67 | Laurentia-Baltica-Azononia relations during Rodinia assembly. <i>Precambrian Research</i> , 2017, 292, 386-397. | 1.2 | 122 |
| 68 | Zircon SHRIMP U-Pb geochronology of potassic felsic intrusions in western Yunnan, SW China: Constraints on the relationship of magmatism to the Jinsha suture. <i>Gondwana Research</i> , 2012, 22, 737-747. | 3.0 | 121 |
| 69 | U/Pb dating of detrital zircons: Implications for the provenance record of Gondwana margin terranes. <i>Bulletin of the Geological Society of America</i> , 1999, 111, 1107-1119. | 1.6 | 119 |
| 70 | Indosinian high-strain deformation for the Yunkaidashan tectonic belt, south China: Kinematics and ⁴⁰ Ar/ ³⁹ Ar geochronological constraints. <i>Tectonics</i> , 2007, 26, . | 1.3 | 119 |
| 71 | Linking south China to northern Australia and India on the margin of Gondwana: Constraints from detrital zircon U-Pb and Hf isotopes in Cambrian strata. <i>Tectonics</i> , 2013, 32, 1547-1558. | 1.3 | 117 |
| 72 | Generation and preservation of continental crust in the Grenville Orogeny. <i>Geoscience Frontiers</i> , 2015, 6, 357-372. | 4.3 | 117 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Deconstructing South China and consequences for reconstructing Nuna and Rodinia. <i>Earth-Science Reviews</i> , 2020, 204, 103169. | 4.0 | 115 |
| 74 | Laurentian provenance and an intracratonic tectonic setting for the Moine Supergroup, Scotland, constrained by detrital zircons from the Loch Eil and Glen Urquhart successions. <i>Journal of the Geological Society</i> , 2004, 161, 861-874. | 0.9 | 114 |
| 75 | Record of Tethyan ocean closure and Indosinian collision along the Ailaoshan suture zone (SW Tj ETQq1 1 0.784314 rgBT /Overlock 113 | 3.0 | 113 |
| 76 | Petrogenesis of Early to Middle Jurassic granitoid rocks from the Gangdese belt, Southern Tibet: Implications for early history of the Neo-Tethys. <i>Lithos</i> , 2013, 179, 320-333. | 0.6 | 112 |
| 77 | Late Permian-Triassic magmatic evolution in the Jinshajiang orogenic belt, SW China and implications for orogenic processes following closure of the Paleo-Tethys. <i>Numerische Mathematik</i> , 2013, 313, 81-112. | 0.7 | 112 |
| 78 | Proterozoic onset of crustal reworking and collisional tectonics: Reappraisal of the zircon oxygen isotope record. <i>Geology</i> , 2014, 42, 451-454. | 2.0 | 110 |
| 79 | Gangdese magmatism in southern Tibet and India—Asia convergence since 120 Ma. <i>Geological Society Special Publication</i> , 2019, 483, 583-604. | 0.8 | 110 |
| 80 | An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. <i>Earth and Planetary Science Letters</i> , 2018, 490, 170-179. | 1.8 | 109 |
| 81 | Was Baltica right-way-up or upside-down in the Neoproterozoic?. <i>Journal of the Geological Society</i> , 2006, 163, 753-759. | 0.9 | 107 |
| 82 | Metallogeny of accretionary orogens — The connection between lithospheric processes and metal endowment. <i>Ore Geology Reviews</i> , 2009, 36, 282-292. | 1.1 | 106 |
| 83 | Subalkaline andesite from Valu Fa Ridge, a back-arc spreading center in southern Lau Basin: petrogenesis, comparative chemistry, and tectonic implications. <i>Chemical Geology</i> , 1991, 91, 227-256. | 1.4 | 103 |
| 84 | Mercury anomalies across the end Permian mass extinction in South China from shallow and deep water depositional environments. <i>Earth and Planetary Science Letters</i> , 2018, 496, 159-167. | 1.8 | 103 |
| 85 | Contrasting rift and subduction-related plagiogranites in the Jinshajiang ophiolitic mélange, southwest China, and implications for the Paleo-Tethys. <i>Tectonics</i> , 2012, 31, . | 1.3 | 102 |
| 86 | Late Neoproterozoic subduction-related crustal growth in the Northern Liaoning region of the North China Craton: Evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ to 2.50 Ga granitoid gneisses. <i>Precambrian Research</i> , 2016, 281, 200-223. | 1.2 | 102 |
| 87 | Modal composition and detrital clinopyroxene geochemistry of lithic sandstones from the New England Fold Belt (east Australia): A Paleozoic forearc terrane. <i>Bulletin of the Geological Society of America</i> , 1983, 94, 1199. | 1.6 | 101 |
| 88 | Generation and obduction of ophiolites: Constraints from the Bay of Islands Complex, western Newfoundland. <i>Tectonics</i> , 1992, 11, 884-897. | 1.3 | 100 |
| 89 | Short episodes of crust generation during protracted accretionary processes: Evidence from Central Asian Orogenic Belt, NW China. <i>Earth and Planetary Science Letters</i> , 2017, 464, 142-154. | 1.8 | 98 |
| 90 | Closure of the Clymene Ocean and formation of West Gondwana in the Cambrian: Evidence from the Sierras Australes of the southernmost Rio de la Plata craton, Argentina. <i>Gondwana Research</i> , 2012, 21, 394-405. | 3.0 | 95 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Neoproterozoic subduction along the Ailaoshan zone, South China: Geochronological and geochemical evidence from amphibolite. <i>Precambrian Research</i> , 2014, 245, 13-28. | 1.2 | 95 |
| 92 | The Evolution of the Continental Crust and the Onset of Plate Tectonics. <i>Frontiers in Earth Science</i> , 2020, 8, . | 0.8 | 95 |
| 93 | Detrital zircon record of continental collision: Assembly of the Qilian Orogen, China. <i>Sedimentary Geology</i> , 2010, 230, 35-45. | 1.0 | 94 |
| 94 | Late Neoproterozoic and Early Cambrian palaeogeography: models and problems. <i>Geological Society Special Publication</i> , 2008, 294, 9-31. | 0.8 | 92 |
| 95 | Intraplate orogenesis in response to Gondwana assembly: Kwangsi Orogeny, South China. <i>Numerische Mathematik</i> , 2016, 316, 329-362. | 0.7 | 91 |
| 96 | Unraveling the New England orocline, east Gondwana accretionary margin. <i>Tectonics</i> , 2011, 30, . | 1.3 | 90 |
| 97 | Low ¹⁸ O Rhyolites From the Malani Igneous Suite: A Positive Test for South China and NW India Linkage in Rodinia. <i>Geophysical Research Letters</i> , 2017, 44, 10,298. | 1.5 | 90 |
| 98 | U-Pb detrital zircon ages and Sm-Nd isotopic features in low-grade metasedimentary rocks of the Famatina belt: implications for late Neoproterozoic-early Palaeozoic evolution of the proto-Andean margin of Gondwana. <i>Journal of the Geological Society</i> , 2009, 166, 303-319. | 0.9 | 89 |
| 99 | Provenance record of Laurentian passive-margin strata in the northern Caledonides: Implications for paleodrainage and paleogeography. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 993-1003. | 1.6 | 87 |
| 100 | Timing of peak metamorphism and deformation along the Appalachian margin of Laurentia in Newfoundland: Silurian, not Ordovician. <i>Geology</i> , 1994, 22, 399. | 2.0 | 86 |
| 101 | Not all supercontinents are created equal: Gondwana-Rodinia case study. <i>Geology</i> , 2013, 41, 795-798. | 2.0 | 81 |
| 102 | Continental growth seen through the sedimentary record. <i>Sedimentary Geology</i> , 2017, 357, 16-32. | 1.0 | 81 |
| 103 | Early Paleozoic orogenesis along Gondwana's northern margin constrained by provenance data from South China. <i>Tectonophysics</i> , 2014, 636, 40-51. | 0.9 | 79 |
| 104 | Delineating and characterizing the boundary of the Cathaysia Block and the Jiangnan orogenic belt in South China. <i>Precambrian Research</i> , 2016, 275, 265-277. | 1.2 | 79 |
| 105 | SHRIMP U-Pb zircon dating of granites and gneisses in the taihangshan-wutaishan area: Implications for the timing of crustal growth in the North China Craton. <i>Science Bulletin</i> , 1998, 43, 144-144. | 1.7 | 78 |
| 106 | The tectonic and metallogenic framework of Myanmar: A Tethyan mineral system. <i>Ore Geology Reviews</i> , 2016, 79, 26-45. | 1.1 | 78 |
| 107 | Zircon U-Pb age and Hf isotope evidence for an Eoarchaean crustal remnant and episodic crustal reworking in response to supercontinent cycles in NW India. <i>Journal of the Geological Society</i> , 2017, 174, 759-772. | 0.9 | 78 |
| 108 | Building Southeast China in the late Mesozoic: Insights from alternating episodes of shortening and extension along the Lianhuashan fault zone. <i>Earth-Science Reviews</i> , 2020, 201, 103056. | 4.0 | 78 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Structural Relations in the Subduction Complex of the Paleozoic New England Fold Belt, Eastern Australia. <i>Journal of Geology</i> , 1982, 90, 381-392. | 0.7 | 77 |
| 110 | Global continental weathering trends across the Early Permian glacial to postglacial transition: Correlating high- and low-paleolatitude sedimentary records. <i>Geology</i> , 2014, 42, 835-838. | 2.0 | 76 |
| 111 | Geochronological constraints on the age of a Permo-Triassic impact event: U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ results for the 40km Araguainha structure of central Brazil. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 86, 214-227. | 1.6 | 74 |
| 112 | One or Two Early Cretaceous Arc Systems in the Lhasa Terrane, Southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3391-3413. | 1.4 | 74 |
| 113 | When crust comes of age: on the chemical evolution of Archaean, felsic continental crust by crustal drip tectonics. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20180103. | 1.6 | 74 |
| 114 | Determining Precambrian crustal evolution in China: a case-study from Wutaishan, Shanxi Province, demonstrating the application of precise SHRIMP U-Pb geochronology. <i>Geological Society Special Publication</i> , 2004, 226, 5-25. | 0.8 | 73 |
| 115 | Evolution of the Appalachian Laurentian margin: Lithoprobe results in western Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1998, 35, 1271-1287. | 0.6 | 72 |
| 116 | Terminal suturing of Gondwana along the southern margin of South China Craton: Evidence from detrital zircon U-Pb ages and Hf isotopes in Cambrian and Ordovician strata, Hainan Island. <i>Tectonics</i> , 2014, 33, 2490-2504. | 1.3 | 72 |
| 117 | Global mercury cycle during the end-Permian mass extinction and subsequent Early Triassic recovery. <i>Earth and Planetary Science Letters</i> , 2019, 513, 144-155. | 1.8 | 72 |
| 118 | Late Paleozoic to Early Mesozoic provenance record of Pale-Pacific subduction beneath South China. <i>Tectonics</i> , 2015, 34, 986-1008. | 1.3 | 70 |
| 119 | Geochronological, elemental and Sr-Nd-Hf-O isotopic constraints on the petrogenesis of the Triassic post-collisional granitic rocks in NW Thailand and its Paleotethyan implications. <i>Lithos</i> , 2016, 266-267, 264-286. | 0.6 | 70 |
| 120 | Provenance record of a foreland basin: Detrital zircon U-Pb ages from Devonian strata in the North Qilian Orogenic Belt, China. <i>Tectonophysics</i> , 2010, 495, 337-347. | 0.9 | 69 |
| 121 | Neoproterozoic crustal growth of the Southern Yangtze Block: Geochemical and zircon U-Pb geochronological and Lu-Hf isotopic evidence of Neoproterozoic diorite from the Ailaoshan zone. <i>Precambrian Research</i> , 2015, 266, 137-149. | 1.2 | 68 |
| 122 | Gondwana's interlinked peripheral orogens. <i>Earth and Planetary Science Letters</i> , 2021, 568, 117057. | 1.8 | 68 |
| 123 | From sediments to their source rocks: Hf and Nd isotopes in recent river sediments. <i>Geology</i> , 2011, 39, 407-410. | 2.0 | 65 |
| 124 | Continental crustal volume, thickness and area, and their geodynamic implications. <i>Gondwana Research</i> , 2019, 66, 116-125. | 3.0 | 64 |
| 125 | Structural styles in the Perth Basin associated with the Mesozoic break-up of Greater India and Australia. <i>Tectonophysics</i> , 2000, 317, 55-72. | 0.9 | 62 |
| 126 | Permian-Jurassic strata at Productus Creek, Southland, New Zealand: Implications for terrane dynamics of the eastern Gondwanaland margin. <i>New Zealand Journal of Geology, and Geophysics</i> , 1999, 42, 255-278. | 1.0 | 61 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Detrital zircon geochronology of the Grenville/Llano foreland and basal Sauk Sequence in west Texas, USA. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 1117-1128. | 1.6 | 61 |
| 128 | Voluminous silicic eruptions during late Permian Emeishan igneous province and link to climate cooling. <i>Earth and Planetary Science Letters</i> , 2015, 432, 166-175. | 1.8 | 60 |
| 129 | Mantle influx compensates crustal thinning beneath the Cathaysia Block, South China: Evidence from SINOProbe reflection profiling. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116360. | 1.8 | 60 |
| 130 | Silurian collisional suturing onto the southern margin of the North China craton: Detrital zircon geochronology constraints from the Qilian Orogen. <i>Sedimentary Geology</i> , 2009, 220, 95-104. | 1.0 | 59 |
| 131 | Early Wuchiapingian cooling linked to Emeishan basaltic weathering?. <i>Earth and Planetary Science Letters</i> , 2018, 492, 102-111. | 1.8 | 58 |
| 132 | No collision between Eastern and Western Gondwana at their northern extent. <i>Geology</i> , 2019, 47, 308-312. | 2.0 | 58 |
| 133 | Geochemistry of Paleoproterozoic (~ 1770 Ma) mafic dikes from the Trans-North China Orogen and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2008, 33, 61-77. | 1.0 | 57 |
| 134 | Temporal relations between mineral deposits and global tectonic cycles. <i>Geological Society Special Publication</i> , 2015, 393, 9-21. | 0.8 | 56 |
| 135 | Extensive crustal extraction in Earth's early history inferred from molybdenum isotopes. <i>Nature Geoscience</i> , 2019, 12, 946-951. | 5.4 | 55 |
| 136 | Provenance of Late Permian volcanic ash beds in South China: Implications for the age of Emeishan volcanism and its linkage to climate cooling. <i>Lithos</i> , 2018, 314-315, 293-306. | 0.6 | 54 |
| 137 | U-Pb geochronology and geochemistry of the Dashibao Basalts in the Songpan-Ganzi Terrane, SW China, with implications for the age of Emeishan volcanism. <i>Numerische Mathematik</i> , 2010, 310, 1054-1080. | 0.7 | 53 |
| 138 | Neoproterozoic to early Paleozoic extensional and compressional history of East Laurentian margin sequences: The Moine Supergroup, Scottish Caledonides. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 349-371. | 1.6 | 53 |
| 139 | Eocene magmatic processes and crustal thickening in southern Tibet: Insights from strongly fractionated ca. 43Ma granites in the western Gangdese Batholith. <i>Lithos</i> , 2015, 239, 128-141. | 0.6 | 52 |
| 140 | Evolving passive- and active-margin tectonics of the Paleoproterozoic Aravalli Basin, NW India. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 426-443. | 1.6 | 52 |
| 141 | Fragmentation of South China from greater India during the Rodinia-Gondwana transition. <i>Geology</i> , 2021, 49, 228-232. | 2.0 | 52 |
| 142 | Anticlockwise P-T evolution at ~ 280 Ma recorded from ultrahigh-temperature metapelitic granulite in the Chinese Altai orogenic belt, a possible link with the Tarim mantle plume?. <i>Journal of Asian Earth Sciences</i> , 2014, 94, 1-11. | 1.0 | 51 |
| 143 | Silicic ash beds bracket Emeishan Large Igneous province to ~ 1 m.y. at ~ 260 Ma. <i>Lithos</i> , 2016, 264, 17-27. | 0.6 | 51 |
| 144 | Reconstructing Early Permian tropical climates from chemical weathering indices. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 739-751. | 1.6 | 51 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Cyclic formation and stabilization of Archean lithosphere by accretionary orogenesis: Constraints from TTG and potassic granitoids, North China Craton. <i>Tectonics</i> , 2017, 36, 1724-1742. | 1.3 | 51 |
| 146 | The development of the SW Pacific Margin of Gondwana: Correlations between the Rangitata and New England Orogens. <i>Tectonics</i> , 1984, 3, 539-553. | 1.3 | 50 |
| 147 | Provenance record of the Jack Hills metasedimentary belt: Source of the Earth's oldest zircons. <i>Precambrian Research</i> , 2005, 138, 235-254. | 1.2 | 50 |
| 148 | The South American ancestry of the North Patagonian Massif: geochronological evidence for an autochthonous origin?. <i>Terra Nova</i> , 2013, 25, 337-342. | 0.9 | 50 |
| 149 | Peel-back controlled lithospheric convergence explains the secular transitions in Archean metamorphism and magmatism. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116224. | 1.8 | 49 |
| 150 | Thermo-mechanical controls of flat subduction: Insights from numerical modeling. <i>Gondwana Research</i> , 2016, 40, 170-183. | 3.0 | 48 |
| 151 | Two-stage terrane assembly in Western Gondwana: Insights from structural geology and geophysical data of central Borborema Province, NE Brazil. <i>Journal of Structural Geology</i> , 2017, 103, 167-184. | 1.0 | 46 |
| 152 | Rates of generation and destruction of the continental crust: implications for continental growth. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170403. | 1.6 | 46 |
| 153 | Highly Refractory Peridotites on Macquarie Island and the Case for Anciently Depleted Domains in the Earth's Mantle. <i>Journal of Petrology</i> , 2010, 51, 469-493. | 1.1 | 45 |
| 154 | Detrital records for Upper Permian-Lower Triassic succession in the Shiwandashan Basin, South China and implication for Permo-Triassic (Indosinian) orogeny. <i>Journal of Asian Earth Sciences</i> , 2015, 98, 152-166. | 1.0 | 45 |
| 155 | Enhanced continental weathering and large igneous province induced climate warming at the Permo-Carboniferous transition. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116074. | 1.8 | 45 |
| 156 | Crustal rejuvenation stabilised Earth's first cratons. <i>Nature Communications</i> , 2021, 12, 3535. | 5.8 | 45 |
| 157 | Drivers for late Paleozoic to early Mesozoic orogenesis in South China: Constraints from the sedimentary record. <i>Tectonophysics</i> , 2014, 618, 107-120. | 0.9 | 44 |
| 158 | Reconciling thermal regimes and tectonics of the early Earth. <i>Geology</i> , 2019, 47, 923-927. | 2.0 | 44 |
| 159 | Geological development of eastern Humber and western Dunnage zones: Corner Brook-Glover Island region, Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1996, 33, 182-198. | 0.6 | 43 |
| 160 | Permian fragmentation, accretion and subsequent translation of a low-latitude Tethyan seamount to the high-latitude east Gondwana margin: evidence from detrital zircon age data. <i>Geological Magazine</i> , 2002, 139, 131-144. | 0.9 | 43 |
| 161 | High-T, low-P metamorphism in the Palaeoproterozoic Halls Creek Orogen, northern Australia: the middle crustal response to a mantle-related transient thermal pulse. <i>Journal of Metamorphic Geology</i> , 2002, 20, 217-237. | 1.6 | 43 |
| 162 | Neoproterozoic crustal growth and Paleoproterozoic reworking in the Borborema Province, NE Brazil: Insights from geochemical and isotopic data of TTG and metagranitic rocks of the Alto Moxot's Terrane. <i>Journal of South American Earth Sciences</i> , 2017, 79, 342-363. | 0.6 | 43 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Quantifying rates of dome-and-keel formation in the Barberton granitoid-greenstone belt, South Africa. <i>Precambrian Research</i> , 2010, 177, 199-211. | 1.2 | 42 |
| 164 | Intermontane basins and bimodal volcanism at the onset of the Sveconorwegian Orogeny, southern Norway. <i>Precambrian Research</i> , 2014, 252, 107-118. | 1.2 | 42 |
| 165 | An Early Neoproterozoic Accretionary Prism Ophiolitic Mafic Complex from the Western Jiangnan Orogenic Belt, South China. <i>Journal of Geology</i> , 2016, 124, 587-601. | 0.7 | 42 |
| 166 | Neoproterozoic and Paleoproterozoic K-rich granites in the Phan Si Pan Complex, north Vietnam: Constraints on the early crustal evolution of the Yangtze Block. <i>Precambrian Research</i> , 2019, 332, 105395. | 1.2 | 42 |
| 167 | Earth Matters: A tempo to our planet's evolution. <i>Geology</i> , 2020, 48, 525-526. | 2.0 | 42 |
| 168 | Detrital zircon provenance of Upper Ordovician and Silurian strata in the northeastern Yangtze Block: Response to orogenesis in South China. <i>Sedimentary Geology</i> , 2012, 267-268, 63-72. | 1.0 | 41 |
| 169 | Eocene supra-subduction zone mafic magmatism in the Sibumasu Block of SW Yunnan: Implications for Neotethyan subduction and India-Asia collision. <i>Lithos</i> , 2014, 206-207, 384-399. | 0.6 | 41 |
| 170 | Late Neoproterozoic crust-mantle geodynamics: Evidence from Pingquan Complex of the Northern Hebei Province, North China Craton. <i>Precambrian Research</i> , 2017, 303, 470-493. | 1.2 | 40 |
| 171 | Origin of Permian OIB-like basalts in NW Thailand and implication on the Paleotethyan Ocean. <i>Lithos</i> , 2017, 274-275, 93-105. | 0.6 | 40 |
| 172 | Early Paleozoic accretionary orogenesis along northern margin of Gondwana constrained by high-Mg metaigneous rocks, SW Yunnan. <i>International Journal of Earth Sciences</i> , 2017, 106, 1469-1486. | 0.9 | 39 |
| 173 | Lithosphere differentiation in the early Earth controls Archean tectonics. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115755. | 1.8 | 38 |
| 174 | Implication of Mesoproterozoic (~1.4 Ga) magmatism within microcontinents along the southern Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2019, 327, 314-326. | 1.2 | 38 |
| 175 | The Tonian Embu Complex in the Ribeira Belt (Brazil): revision, depositional age and setting in Rodinia and West Gondwana. <i>Precambrian Research</i> , 2019, 320, 31-45. | 1.2 | 38 |
| 176 | Reconciling Orogenic Drivers for the Evolution of the Bangong-Nujiang Tethys During Middle-Late Jurassic. <i>Tectonics</i> , 2020, 39, e2019TC005951. | 1.3 | 38 |
| 177 | Acadian basement thrusting, crustal delamination, and structural styles in and around the Humber Arm allochthon, western Newfoundland. <i>Geology</i> , 1988, 16, 370. | 2.0 | 37 |
| 178 | Thermal evolution of the central Halls Creek Orogen, northern Australia. <i>Australian Journal of Earth Sciences</i> , 1999, 46, 453-465. | 0.4 | 37 |
| 179 | Crustal growth during island arc accretion and transcurrent deformation, Natal Metamorphic Province, South Africa: New isotopic constraints. <i>Precambrian Research</i> , 2015, 265, 203-217. | 1.2 | 37 |
| 180 | A paleoproterozoic intra-arc basin associated with a juvenile source in the Southern Brasília Orogen: Application of U-Pb and Hf-Nd isotopic analyses to provenance studies of complex areas. <i>Precambrian Research</i> , 2016, 276, 178-193. | 1.2 | 37 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 181 | Reconstructing Cryogenian to Ediacaran successions and paleogeography of the South China Block. <i>Precambrian Research</i> , 2018, 314, 452-467. | 1.2 | 37 |
| 182 | Early Neoproterozoic assembly and subsequent rifting in South China: Revealed from mafic and ultramafic rocks, central Jiangnan Orogen. <i>Precambrian Research</i> , 2019, 331, 105367. | 1.2 | 37 |
| 183 | Thermochemical lithosphere differentiation and the origin of cratonic mantle. <i>Nature</i> , 2020, 588, 89-94. | 13.7 | 37 |
| 184 | Provenance of the Earaheedy Basin: implications for assembly of the Western Australian Craton. <i>Precambrian Research</i> , 2004, 128, 343-366. | 1.2 | 36 |
| 185 | Plume-modified collision orogeny: The Tarimâ€“western Tianshan example in Central Asia. <i>Geology</i> , 2019, 47, 1001-1005. | 2.0 | 35 |
| 186 | Accretion Tectonics in Western Gondwana Deduced From Smâ€“Nd Isotope Mapping of Terranes in the Borborema Province, NE Brazil. <i>Tectonics</i> , 2018, 37, 2727-2743. | 1.3 | 34 |
| 187 | Early Paleoproterozoic magmatism in the Yangtze Block: Evidence from zircon U-Pb ages, Sr-Nd-Hf isotopes and geochemistry of ca. 2.3â€“Ga and 2.1â€“Ga granitic rocks in the Phan Si Pan Complex, north Vietnam. <i>Precambrian Research</i> , 2019, 324, 253-268. | 1.2 | 34 |
| 188 | Long-lived transcontinental sediment transport pathways of East Gondwana. <i>Geology</i> , 2019, 47, 513-516. | 2.0 | 34 |
| 189 | Pannotia: in defence of its existence and geodynamic significance. <i>Geological Society Special Publication</i> , 2021, 503, 13-39. | 0.8 | 34 |
| 190 | Petrogenesis of Archean TTGs and potassic granites in the southern Yangtze Block: Constraints on the early formation of the Yangtze Block. <i>Precambrian Research</i> , 2020, 347, 105848. | 1.2 | 34 |
| 191 | Mariana-type ophiolites constrain the establishment of modern plate tectonic regime during Gondwana assembly. <i>Nature Communications</i> , 2021, 12, 4189. | 5.8 | 34 |
| 192 | Early to late Neoproterozoic subduction-accretion episodes in the Cariris Velhos Belt of the Borborema Province, Brazil: Insights from isotope and whole-rock geochemical data of supracrustal and granitic rocks. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102384. | 0.6 | 33 |
| 193 | Mesoproterozoic rift setting of SW Hainan: Evidence from the gneissic granites and metasedimentary rocks. <i>Precambrian Research</i> , 2019, 325, 69-87. | 1.2 | 33 |
| 194 | In situ geochemical composition of apatite in granitoids from the eastern Central Asian Orogenic Belt: A window into petrogenesis. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 317, 552-573. | 1.6 | 33 |
| 195 | Magmatic thickening of crust in nonâ€“plate tectonic settings initiated the subaerial rise of Earthâ€™s first continents 3.3 to 3.2 billion years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 33 |
| 196 | Stratigraphic and structural relations of the southern Dun Mountain Ophiolite Belt and enclosing strata, northwestern Southland, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1986, 29, 179-203. | 1.0 | 32 |
| 197 | Provenance history of the Bangemall Supergroup and implications for the Mesoproterozoic paleogeography of the West Australian Craton. <i>Precambrian Research</i> , 2008, 166, 93-110. | 1.2 | 32 |
| 198 | Thermal state and evolving geodynamic regimes of the Meso- to Neoproterozoic North China Craton. <i>Nature Communications</i> , 2021, 12, 3888. | 5.8 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 199 | A sedimentary archive of tectonic switching from Emeishan Plume to Indosinian orogenic sources in SW China. <i>Journal of the Geological Society</i> , 2014, 171, 269-280. | 0.9 | 31 |
| 200 | Constraining timing and tectonic implications of Neoproterozoic metamorphic event in the Cathaysia Block, South China. <i>Precambrian Research</i> , 2017, 293, 1-12. | 1.2 | 31 |
| 201 | Episodic slab rollback and back-arc extension in the Yunnan-Burma region: Insights from Cretaceous Nb-enriched and oceanic-island basalt-like mafic rocks. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 698-714. | 1.6 | 31 |
| 202 | Convergent continental margin volcanic source for ash beds at the Permian-Triassic boundary, South China: Constraints from trace elements and Hf-isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 519, 154-165. | 1.0 | 31 |
| 203 | Reconstructing South China in the Mesoproterozoic and its role in the Nuna and Rodinia supercontinents. <i>Precambrian Research</i> , 2020, 337, 105558. | 1.2 | 31 |
| 204 | Olistoliths and debris flow deposits at ancient consuming plate margins: an eastern Australian example. <i>Sedimentary Geology</i> , 1980, 25, 5-22. | 1.0 | 30 |
| 205 | Detrital record of mountain building: Provenance of Jurassic foreland basin to the Dabie Mountains. <i>Tectonics</i> , 2010, 29, n/a-n/a. | 1.3 | 30 |
| 206 | Permo-Triassic detrital records of South China and implications for the Indosinian events in East Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 84-100. | 1.0 | 30 |
| 207 | Characterisation of intra-oceanic magmatic arc source terranes by provenance studies of derived sediments. <i>New Zealand Journal of Geology, and Geophysics</i> , 1991, 34, 347-358. | 1.0 | 29 |
| 208 | Neoproterozoic magmatic arc in the Western Liaoning Province, northern North China Craton: Geochemical and isotopic constraints from sanukitoids and associated granitoids. <i>Lithos</i> , 2018, 322, 296-311. | 0.6 | 29 |
| 209 | Provenance history of a Carboniferous Gondwana margin forearc basin, New England Fold Belt, eastern Australia: modal and geochemical constraints. <i>Sedimentary Geology</i> , 1994, 93, 107-133. | 1.0 | 28 |
| 210 | Shaking a methane fizz: Seismicity from the Araguinha impact event and the Permian-Triassic global carbon isotope record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 387, 66-75. | 1.0 | 28 |
| 211 | Structural history of ophiolite obduction, Bay of Islands, Newfoundland. <i>Bulletin of the Geological Society of America</i> , 1993, 105, 399-410. | 1.6 | 27 |
| 212 | Coupled Precambrian crustal evolution and supercontinent cycles: Insights from <i>in-situ</i> U-Pb, O- and Hf-isotopes in detrital zircon, NW India. <i>Numerische Mathematik</i> , 2018, 318, 989-1017. | 0.7 | 27 |
| 213 | Neoproterozoic I-type and highly fractionated A-type granites in the Yili Block, Central Asian Orogenic Belt: Petrogenesis and tectonic implications. <i>Precambrian Research</i> , 2019, 328, 235-249. | 1.2 | 27 |
| 214 | Provenance of latest Mesoproterozoic to early Neoproterozoic (meta)-sedimentary rocks and implications for paleographic reconstruction of the Yili Block. <i>Gondwana Research</i> , 2019, 72, 120-138. | 3.0 | 27 |
| 215 | An Early Cretaceous subduction-modified mantle underneath the ultraslow spreading Gakkel Ridge, Arctic Ocean. <i>Science Advances</i> , 2020, 6, . | 4.7 | 27 |
| 216 | From Subduction to Collision in the Northern Tibetan Plateau: Evidence from the Early Silurian Clastic Rocks, Northwestern China. <i>Journal of Geology</i> , 2012, 120, 49-67. | 0.7 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | South China in Rodinia: Constrains from the Neoproterozoic Suixian volcano-sedimentary group of the South Qinling Belt. <i>Precambrian Research</i> , 2018, 314, 170-193. | 1.2 | 26 |
| 218 | Integrated detrital rutile and zircon provenance reveals multiple sources for Cambrian sandstones in North Gondwana. <i>Earth-Science Reviews</i> , 2021, 213, 103462. | 4.0 | 26 |
| 219 | Detrital zircon evidence for the reactivation of an Early Paleozoic syn-orogenic basin along the North Gondwana margin in South China. <i>Gondwana Research</i> , 2015, 28, 769-780. | 3.0 | 25 |
| 220 | Late Permian–Triassic metallogeny in the Chinese Altay Orogen: Constraints from mica ⁴⁰ Ar/ ³⁹ Ar dating on ore deposits. <i>Gondwana Research</i> , 2017, 43, 4-16. | 3.0 | 25 |
| 221 | Permo–Triassic granitoids, Hainan Island, link to Paleotethyan not Paleopacific tectonics. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2067-2083. | 1.6 | 25 |
| 222 | Geochemical character and tectonic significance of Early Devonian keratophyres in the New England Fold Belt, eastern Australia. <i>Australian Journal of Earth Sciences</i> , 1989, 36, 297-311. | 0.4 | 24 |
| 223 | Provenance of North Atlantic ice-rafted debris during the last deglaciation—A new application of U-Pb rutile and zircon geochronology. <i>Geology</i> , 2013, 41, 155-158. | 2.0 | 24 |
| 224 | Constructing the Eastern Margin of the Tibetan Plateau During the Late Triassic. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,449. | 1.4 | 24 |
| 225 | Unravelling depositional setting, age and provenance of the Simlipal volcano-sedimentary complex, Singhbhum craton: Evidence for Hadean crust and Mesoarchean marginal marine sedimentation. <i>Precambrian Research</i> , 2021, 354, 106038. | 1.2 | 24 |
| 226 | Stratigraphic and structural relations of strata enclosing the Dun Mountain Ophiolite Belt in the Arthurton–Clinton region, Southland, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1987, 30, 19-36. | 1.0 | 23 |
| 227 | The Neoproterozoic southern passive margin of the São Francisco craton: Insights on the pre-amalgamation of West Gondwana from U-Pb and Hf-Nd isotopes. <i>Precambrian Research</i> , 2019, 320, 454-471. | 1.2 | 23 |
| 228 | The Mesoproterozoic Baoban Complex, South China: A missing fragment of western Laurentian lithosphere. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1404-1418. | 1.6 | 23 |
| 229 | Strain localization and fluid-assisted deformation in apatite and its influence on trace elements and U–Pb systematics. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116421. | 1.8 | 23 |
| 230 | From convergent plate margin to arc–continent collision: Formation of the Kenting Møllange, Southern Taiwan. <i>Gondwana Research</i> , 2016, 38, 171-182. | 3.0 | 22 |
| 231 | North Atlantic Craton architecture revealed by kimberlite-hosted crustal zircons. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116091. | 1.8 | 22 |
| 232 | Triassic two-stage intra-continental orogenesis of the South China Block, driven by Paleotethyan closure and interactions with adjoining blocks. <i>Journal of Asian Earth Sciences</i> , 2021, 206, 104648. | 1.0 | 22 |
| 233 | Early Cretaceous subduction in NW Kalimantan: Geochronological and geochemical constraints from the Raya and Mensibau igneous rocks. <i>Gondwana Research</i> , 2022, 101, 243-256. | 3.0 | 22 |
| 234 | Provenance of late Paleozoic strata in the Yili Basin: Implications for tectonic evolution of the South Tianshan orogenic belt. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 952-974. | 1.6 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | Neoproterozoic opening of the Pacific Ocean recorded by multi-stage rifting in Tasmania, Australia. <i>Earth-Science Reviews</i> , 2020, 201, 103041. | 4.0 | 21 |
| 236 | A geochemical study of metabasalts from a subduction complex in eastern Australia. <i>Chemical Geology</i> , 1984, 43, 29-47. | 1.4 | 20 |
| 237 | Provenance of the Highland Border Complex: constraints on Laurentian margin accretion in the Scottish Caledonides. <i>Journal of the Geological Society</i> , 2012, 169, 575-586. | 0.9 | 20 |
| 238 | Tectonic settings of continental crust formation: Insights from Pb isotopes in feldspar inclusions in zircon. <i>Geology</i> , 2016, 44, 819-822. | 2.0 | 20 |
| 239 | Coexisting diverse Pâ€™t paths during Neoproterozoic Sagduction: Insights from numerical modeling and applications to the eastern North China Craton. <i>Earth and Planetary Science Letters</i> , 2022, 586, 117529. | 1.8 | 20 |
| 240 | Frontal vs. basal accretion and contrasting particle paths in metamorphic thrust belts. <i>Geology</i> , 1994, 22, 51. | 2.0 | 19 |
| 241 | Evolution of the Mozambique Belt in Malawi constrained by granitoid U-Pb, Sm-Nd and Lu-Hf isotopic data. <i>Gondwana Research</i> , 2019, 68, 93-107. | 3.0 | 19 |
| 242 | Implications of 770â€™Ma Rhyolitic Tuffs, eastern South China Craton in constraining the tectonic setting of the Nanhua Basin. <i>Lithos</i> , 2019, 324-325, 842-858. | 0.6 | 19 |
| 243 | Hf isotopic ratios in zircon reveal processes of anatexis and pluton construction. <i>Earth and Planetary Science Letters</i> , 2021, 576, 117215. | 1.8 | 19 |
| 244 | Integrated geochronology and field constraints on subdivision of the Precambrian in China: Data from the Wutaishan. <i>Science Bulletin</i> , 1998, 43, 17-17. | 1.7 | 18 |
| 245 | Crustal growth and reworking: A case study from the Erguna Massif, eastern Central Asian Orogenic Belt. <i>Scientific Reports</i> , 2019, 9, 17671. | 1.6 | 17 |
| 246 | Late Paleoproterozoic to Early Mesoproterozoic Mafic Magmatism in the SW Yangtze Block: Mantle Plumes Associated With Nuna Breakup?. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019260. | 1.4 | 17 |
| 247 | Prototethyan Accretionary Orogenesis Along the East Gondwana Periphery: New Insights From the Early Paleozoic Igneous and Sedimentary Rocks in the Sibumasu. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009622. | 1.0 | 17 |
| 248 | Resolving the Paleogeographic Puzzle of the Lhasa Terrane in Southern Tibet. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094236. | 1.5 | 17 |
| 249 | Evaluating preservation bias in the continental growth record against the monazite archive. <i>Geology</i> , 2022, 50, 243-247. | 2.0 | 17 |
| 250 | Modal and Geochemical Compositions of the Lower Silurian Clastic Rocks In North Qilian, Nw China: Implications For Provenance, Chemical Weathering, and Tectonic Setting. <i>Journal of Sedimentary Research</i> , 2012, 82, 92-103. | 0.8 | 16 |
| 251 | Jurassic cooling ages in Paleozoic to early Mesozoic granitoids of northeastern Patagonia: $^{40}\text{Ar}/^{39}\text{Ar}$, $^{40}\text{K}/^{40}\text{Ar}$ mica and $^{207}\text{Pb}/^{235}\text{U}$ zircon evidence. <i>International Journal of Earth Sciences</i> , 2017, 106, 2343-2357. | 0.9 | 16 |
| 252 | Detrital record of late-stage silicic volcanism in the Emeishan large igneous province. <i>Gondwana Research</i> , 2020, 79, 197-208. | 3.0 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 253 | Global-scale emergence of continental crust during the Mesoarchean–early Neoproterozoic. <i>Geology</i> , 2022, 50, 184-188. | 2.0 | 16 |
| 254 | From microanalysis to supercontinents: Insights from the Rio Apa Terrane into the Mesoproterozoic SW Amazonian Craton evolution during Rodinia assembly. <i>Journal of Metamorphic Geology</i> , 2022, 40, 631-663. | 1.6 | 16 |
| 255 | Oxidation of Archean upper mantle caused by crustal recycling. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 16 |
| 256 | Early tectonic dewatering and brecciation on the overturned sequence at Marble Bar, Pilbara Craton, Western Australia: dome-related or not?. <i>Precambrian Research</i> , 2001, 105, 1-15. | 1.2 | 15 |
| 257 | Southeastern Lewis Hills (Bay of Islands Ophiolite): Geology of a deeply eroded, inside-corner, ridge-transform intersection. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 1025-1038. | 1.6 | 15 |
| 258 | Cambrian magmatic flare-up, central Tibet: Magma mixing in proto-Tethyan arc along north Gondwanan margin. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 2171-2188. | 1.6 | 15 |
| 259 | Evidence for Neoproterozoic terrane accretion in the central Borborema Province, West Gondwana deduced by isotopic and geophysical data compilation. <i>International Geology Review</i> , 2022, 64, 1574-1593. | 1.1 | 15 |
| 260 | Detrital rutile tracks the first appearance of subduction zone low T/P paired metamorphism in the Palaeoproterozoic. <i>Earth and Planetary Science Letters</i> , 2021, 570, 117069. | 1.8 | 15 |
| 261 | South Tarim tied to north India on the periphery of Rodinia and Gondwana and implications for the evolution of two supercontinents. <i>Geology</i> , 2022, 50, 131-136. | 2.0 | 15 |
| 262 | Late cretaceous pelagic sediments, volcanic ash and biotas from near the Louisville hotspot, Pacific Plate, paleolatitude $\sim 42^{\circ}$ S. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989, 71, 281-299. | 1.0 | 14 |
| 263 | Nature and record of igneous activity in the Tonga arc, SW Pacific, deduced from the phase chemistry of derived detrital grains. <i>Geological Society Special Publication</i> , 1991, 57, 305-321. | 0.8 | 14 |
| 264 | Timing and duration of syn-magmatic deformation in the Mabel Downs Tonalite, northern Australia. <i>Journal of Structural Geology</i> , 2000, 22, 1181-1198. | 1.0 | 14 |
| 265 | Evolving Mantle Sources in Postcollisional Early Permian–Triassic Magmatic Rocks in the Heart of Tianshan Orogen (Western China). <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4110-4122. | 1.0 | 14 |
| 266 | Metamorphic rocks and plate tectonics. <i>Science Bulletin</i> , 2020, 65, 968-969. | 4.3 | 14 |
| 267 | Early Paleozoic accretionary orogenesis in the northeastern Indochina and implications for the paleogeography of East Gondwana: constraints from igneous and sedimentary rocks. <i>Lithos</i> , 2021, 382-383, 105921. | 0.6 | 14 |
| 268 | Anomalous weathering trends indicate accelerated erosion of tropical basaltic landscapes during the Permo-Triassic warming. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117256. | 1.8 | 14 |
| 269 | Make subductions diverse again. <i>Earth-Science Reviews</i> , 2022, 226, 103966. | 4.0 | 14 |
| 270 | Dyke domains in the Mitsero graben, Troodos ophiolite, Cyprus: an off-axis model for graben formation at a spreading centre. <i>Journal of the Geological Society</i> , 1995, 152, 923-932. | 0.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 271 | Geology, geochronology and isotopic geochemistry of the Xiaoliugou Wâ€“Mo ore field in the Qilian Orogen, NW China: Case study of a skarn system formed during continental collision. <i>Ore Geology Reviews</i> , 2017, 81, 575-586. | 1.1 | 13 |
| 272 | A long-lived active margin revealed by zircon Uâ€“Pbâ€“Hf data from the Rio Apa Terrane (Brazil): New insights into the Paleoproterozoic evolution of the Amazonian Craton. <i>Precambrian Research</i> , 2020, 350, 105919. | 1.2 | 13 |
| 273 | Recognition of the Phanerozoic â€œYoung granite gneissâ€“in the central Yeongnam massif. <i>Geosciences Journal</i> , 2015, 19, 1-16. | 0.6 | 12 |
| 274 | Differentiating continental and oceanic arc systems and retro-arc basins in the Jiangnan orogenic belt, South China. <i>Geological Magazine</i> , 2019, 156, 2001-2016. | 0.9 | 12 |
| 275 | Linking South China to North India from the late Tonian to Ediacaran: Constraints from the Cathaysia Block. <i>Precambrian Research</i> , 2020, 350, 105898. | 1.2 | 12 |
| 276 | Denuding a Craton: Thermochronology Record of Phanerozoic Unroofing From the Pilbara Craton, Australia. <i>Tectonics</i> , 2020, 39, e2019TC005988. | 1.3 | 12 |
| 277 | Southern extension of the Paleotethyan zone in SE Asia: Evidence from the Permo-Triassic granitoids in Malaysia and West Indonesia. <i>Lithos</i> , 2021, 398-399, 106336. | 0.6 | 12 |
| 278 | Aulacogen Formation in Response to Opening the Ailaoshan Ocean: Origin of the Qin-Fang Trough, South China. <i>Journal of Geology</i> , 2017, 125, 531-550. | 0.7 | 12 |
| 279 | Zircon U-Pb age, trace element, and Hf isotopic constrains on the origin and evolution of the Emeishan Large Igneous Province. <i>Gondwana Research</i> , 2022, 105, 535-550. | 3.0 | 12 |
| 280 | Jurassic subduction of the Paleo-Pacific plate in Southeast Asia: New insights from the igneous and sedimentary rocks in West Borneo. <i>Journal of Asian Earth Sciences</i> , 2022, 232, 105111. | 1.0 | 12 |
| 281 | Provenance mixing in an intraoceanic subduction zone: Tonga Trench-Louisville Ridge collision zone, southwest Pacific. <i>Sedimentary Geology</i> , 1990, 67, 35-53. | 1.0 | 11 |
| 282 | Provenance Record of Late Mesoproterozoic to Early Neoproterozoic Units, West Hainan, South China, and Implications for Rodinia Reconstruction. <i>Tectonics</i> , 2020, 39, e2020TC006071. | 1.3 | 11 |
| 283 | Crust-mantle geodynamic origin of ~2.7ÂGa granitoid diversification in the Jiaobei terrane, North China Craton. <i>Precambrian Research</i> , 2020, 346, 105821. | 1.2 | 11 |
| 284 | Petrochronological constraints and tectonic implications of Tonian metamorphism in the Embu Complex, Ribeira Belt, Brazil. <i>Precambrian Research</i> , 2021, 363, 106315. | 1.2 | 11 |
| 285 | Characteristics of Hg concentrations and isotopes in terrestrial and marine facies across the end-Permian mass extinction. <i>Global and Planetary Change</i> , 2021, 205, 103592. | 1.6 | 11 |
| 286 | Temporal and Spatial Variations of Enriched Source Components in Linzizong Volcanic Succession, Tibet, and Implications for the Indiaâ€“Asia Collision. <i>Journal of Petrology</i> , 2022, 63, . | 1.1 | 11 |
| 287 | Origin of culminations within the Southeast Oman Mountains at Jebel Ma-jhool and Ibra Dome. <i>Geological Society Special Publication</i> , 1990, 49, 429-445. | 0.8 | 10 |
| 288 | Base-up growth of ocean crust by multiple phases of magmatism: field evidence from Macquarie Island. <i>Journal of the Geological Society</i> , 2004, 161, 739-742. | 0.9 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 289 | Geochemistry, $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology, and geodynamic implications of Early Cretaceous basalts from the western Qinling orogenic belt, China. <i>Journal of Asian Earth Sciences</i> , 2018, 151, 62-72. | 1.0 | 10 |
| 290 | Diversity of late Neoproterozoic K-rich granitoid rocks derived from subduction-related crust/mantle interactions in the Jiaobei terrane, North China Craton. <i>Gondwana Research</i> , 2020, 85, 84-102. | 3.0 | 10 |
| 291 | The chondritic neodymium stable isotope composition of the Earth inferred from mid-ocean ridge, ocean island and arc basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 293, 575-597. | 1.6 | 10 |
| 292 | Middle Neoproterozoic (ca. 700 Ma) tectonothermal events in the Lhasa terrane, Tibet: Implications for paleogeography. <i>Gondwana Research</i> , 2022, 104, 252-264. | 3.0 | 10 |
| 293 | Using zircon in mafic migmatites to disentangle complex high-grade gneiss terrains – Terrane spotting in the Lewisian complex, NW Scotland. <i>Precambrian Research</i> , 2021, 355, 106074. | 1.2 | 10 |
| 294 | Evaluating sediment recycling through combining inherited petrogenic and acquired sedimentary features of multiple detrital minerals. <i>Basin Research</i> , 2022, 34, 1055-1083. | 1.3 | 10 |
| 295 | Structural history of the metamorphic sole of the Bay of Islands Complex, western Newfoundland. <i>Canadian Journal of Earth Sciences</i> , 1995, 32, 533-544. | 0.6 | 9 |
| 296 | Multistage deformation of linked fault systems in extensional regions: An example from the northern Perth Basin, Western Australia. <i>Australian Journal of Earth Sciences</i> , 1999, 46, 897-903. | 0.4 | 9 |
| 297 | Large-Scale Translation of Accreted Terranes Along Continental Margins. <i>Gondwana Research</i> , 2001, 4, 628-629. | 3.0 | 9 |
| 298 | A non-zircon Hf isotope record in Archean black shales from the Pilbara craton confirms changing crustal dynamics ca. 3 Ga ago. <i>Scientific Reports</i> , 2018, 8, 922. | 1.6 | 9 |
| 299 | The Missing Magmatic Arc in a Long-Lived Ocean From the Western Kunlun-Pamir Paleotethys Realm. <i>Geophysical Research Letters</i> , 2021, 48, . | 1.5 | 9 |
| 300 | Cretaceous Tethyan subduction in SE Borneo: Geochronological and geochemical constraints from the igneous rocks in the Meratus Complex. <i>Journal of Asian Earth Sciences</i> , 2022, 226, 105084. | 1.0 | 9 |
| 301 | Acadian orogeny in west Newfoundland: Definition, character, and significance. <i>Special Paper of the Geological Society of America</i> , 1993, , 135-152. | 0.5 | 8 |
| 302 | Crustal reworking at convergent margins traced by Fe isotopes in I-type intrusions from the Gangdese arc, Tibetan Plateau. <i>Chemical Geology</i> , 2019, 510, 47-55. | 1.4 | 8 |
| 303 | Petrogenesis and tectonic implications of Early Cretaceous andesitic-dacitic rocks, western Qinling (Central China): Geochronological and geochemical constraints. <i>Geoscience Frontiers</i> , 2019, 10, 1507-1520. | 4.3 | 8 |
| 304 | Cretaceous Kuching accretionary orogenesis in Malaysia Sarawak: Geochronological and geochemical constraints from mafic and sedimentary rocks. <i>Lithos</i> , 2021, 400-401, 106425. | 0.6 | 8 |
| 305 | Processes of Ophiolite Emplacement in Oman and Newfoundland. <i>Petrology and Structural Geology</i> , 1991, , 501-516. | 0.5 | 8 |
| 306 | Re-initiation of plutonism at the Gondwana margin after a magmatic hiatus: The bimodal Permian-Triassic Longwood Suite, New Zealand. <i>Gondwana Research</i> , 2022, 105, 432-449. | 3.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | Transfer zones normal and oblique to rift trend: examples from the Perth Basin, Western Australia. Geological Society Special Publication, 2001, 187, 475-488. | 0.8 | 7 |
| 308 | Craton to Regional-scale analysis of the Birimian of West Africa. Precambrian Research, 2016, 274, 1-2. | 1.2 | 7 |
| 309 | Survival of the Lhasa Terrane during its collision with Asia due to crust-mantle coupling revealed by ca. 114 Ma intrusive rocks in western Tibet. Lithos, 2018, 304-307, 200-210. | 0.6 | 7 |
| 310 | Using apatite to resolve the age and protoliths of mid-crustal shear zones: A case study from the Taxaquara Shear Zone, SE Brazil. Lithos, 2020, 378-379, 105817. | 0.6 | 7 |
| 311 | Implications for supercontinent reconstructions of mid-late Neoproterozoic volcanic " Sedimentary rocks from the Cathaysia Block, South China. Precambrian Research, 2021, 354, 106056. | 1.2 | 7 |
| 312 | Archean trondhjemitic crust at depth in Yangtze Craton: Evidence from TTG xenolith in mafic dyke and apatite inclusion pressure in zircon. Precambrian Research, 2021, 354, 106055. | 1.2 | 7 |
| 313 | Forging isotopically juvenile metamorphic zircon from and within Archean TTG gneiss: Whole-rock Sr-Nd-Pb and zircon U-Pb-Hf-REE constraints. Chemical Geology, 2022, 590, 120710. | 1.4 | 7 |
| 314 | Acadian remobilization of a Taconian ophiolite, Hare Bay allochthon, northwestern Newfoundland. Geology, 1989, 17, 257. | 2.0 | 6 |
| 315 | Quantifying temperature variation between Neoproterozoic cryochron " nonglacial interlude, Nanhua Basin, South China. Precambrian Research, 2020, 351, 105967. | 1.2 | 6 |
| 316 | Isotopic and geochemical constraints for a Paleoproterozoic accretionary orogen in the Borborema Province, NE Brazil: Implications for reconstructing Nuna/Columbia. Geoscience Frontiers, 2021, , 101167. | 4.3 | 6 |
| 317 | Strain Partitioning along Terrane Bounding and Intraterrane Shear Zones: Constraints from a Long-Lived Transpressional System in West Gondwana (Ribeira Belt, Brazil). Lithosphere, 2022, 2021, . | 0.6 | 6 |
| 318 | Craton Formation in Early Earth Mantle Convection Regimes. Journal of Geophysical Research: Solid Earth, 2022, 127, . | 1.4 | 6 |
| 319 | Early Cretaceous subduction-modified lithosphere beneath the eastern Qinling Orogen revealed from the Daying volcanic sequence in central China. Journal of Asian Earth Sciences, 2019, 176, 209-228. | 1.0 | 5 |
| 320 | Synchronous late Neoproterozoic Na- and K-rich granitoid magmatism at an active continental margin in the Eastern Liaoning Province of North China Craton. Lithos, 2020, 376-377, 105770. | 0.6 | 5 |
| 321 | Setting and formation of the earliest Neoproterozoic rifted arc Pingshui VMS deposit, South China. Precambrian Research, 2022, 369, 106548. | 1.2 | 5 |
| 322 | Polymetamorphism of mafic granulites in the North China Craton: textural and thermobarometric evidence and tectonic implications. Geological Society Special Publication, 2001, 184, 323-341. | 0.8 | 4 |
| 323 | Generation of syn-collisional S-type granites in collision zones: An example from the Late Triassic Tanggula Batholith in northern Tibet. Gondwana Research, 2022, 104, 185-198. | 3.0 | 4 |
| 324 | Testing the advantages of simultaneous in-situ Sm Nd, U Pb and elemental analysis of igneous monazite for petrochronological studies. An example from the late Archean, Penzance granite, Western Australia. Chemical Geology, 2022, 594, 120760. | 1.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 325 | Deformation, thermochronology and tectonic significance of the crustal-scale Cubatão Shear Zone, Ribeira Belt, Brazil. <i>Tectonophysics</i> , 2022, 828, 229278. | 0.9 | 4 |
| 326 | Leucogranite Records Multiple Collisional Orogenies. <i>Geophysical Research Letters</i> , 2022, 49, . | 1.5 | 4 |
| 327 | Tectonic insights of the southwest Amazon Craton from geophysical, geochemical and mineralogical data of Figueira Branca mafic-ultramafic suite, Brazil. <i>Tectonophysics</i> , 2017, 708, 96-107. | 0.9 | 3 |
| 328 | Geochronological and geochemical constraints on the subduction-modified lithospheric origin of the early Cretaceous volcanic rocks, in the western North Huaiyang Belt of Dabie Orogen, China. <i>Journal of the Geological Society</i> , 2020, 177, 170-188. | 0.9 | 3 |
| 329 | Was there an exchange of detritus between the northern and southern Black Sea terranes in the Mesozoic-early Cenozoic?. <i>Gondwana Research</i> , 2021, , . | 3.0 | 3 |
| 330 | Calibrating the Yield Strength of Archean Lithosphere Based on the Volume of Tonalite-Trondhjemite-Granodiorite Crust. <i>Frontiers in Earth Science</i> , 0, 8, . | 0.8 | 3 |
| 331 | Comment and Reply on "Structure of the Appalachian deformation front in western Newfoundland: Implications of multichannel seismic reflection data". <i>Geology</i> , 1991, 19, 951. | 2.0 | 2 |
| 332 | Cenozoic retrogression and exhumation of the amphibolites in the eastern Gangdese Belt, SW China. <i>Journal of Asian Earth Sciences</i> , 2021, 205, 104574. | 1.0 | 2 |
| 333 | An Early Garnet Redox Filter as an Additive Oxidizer in Lower Continental Arc Crust Traced Through Fe Isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021217. | 1.4 | 2 |
| 334 | A Forearc Stratigraphic Response to Cretaceous Plateau Collision and Slab Detachment, South Island, New Zealand. <i>Tectonics</i> , 2021, 40, e2021TC006806. | 1.3 | 2 |
| 335 | Untangling the history of oroclines and mountain belts. <i>National Science Review</i> , 2022, 9, nwab211. | 4.6 | 2 |
| 336 | Ordovician amphibolite-facies metamorphism in Hainan Island: A record of early Paleozoic accretionary orogenesis along the northern margin of East Gondwana?. <i>Journal of Asian Earth Sciences</i> , 2022, 229, 105161. | 1.0 | 2 |
| 337 | Mercury anomalies across the Cryogenian-Ediacaran boundary in South China. <i>Precambrian Research</i> , 2022, 379, 106771. | 1.2 | 2 |
| 338 | Understanding earthquakes using the geological record: an introduction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20190410. | 1.6 | 1 |
| 339 | Marine productivity variations and environmental perturbations across the early Triassic Smithian-Spathian boundary: Insights from zinc and carbon isotopes. <i>Global and Planetary Change</i> , 2021, 205, 103579. | 1.6 | 1 |
| 340 | Late Neoproterozoic palaeogeography: the Laurentia-Baltica puzzle. <i>Journal of the Virtual Explorer</i> , 0, 22, . | 0.0 | 1 |
| 341 | Subduction-related mantle metasomatism and partial melting in the northern North China Craton: Insights from amphibolite enclaves, Siziwangqi, Inner Mongolia. <i>Precambrian Research</i> , 2021, 355, 106002. | 1.2 | 0 |
| 342 | Key Role for Geoscientists in Providing 'Early Warning System' on Environmental Crises. <i>Pacific Conservation Biology</i> , 2008, 14, 231. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 343 | SHORT EPISODES OF CRUST GENERATION DURING PROTRACTED ACCRETIONARY PROCESSES: EVIDENCE FROM CENTRAL ASIAN OROGENIC BELT, NW CHINA. <i>Geodinamika I Tektonofizika</i> , 2017, 8, 573-574. | 0.3 | 0 |
| 344 | Report on the Ad-hoc Review of the IUGS Commission on Tectonics and Structural Geology (TecTask). <i>Episodes</i> , 2019, 42, 355-358. | 0.8 | 0 |
| 345 | Lithosphere beneath the Evolving Tianshan Orogen: Constraints from Xenoliths. <i>Lithosphere</i> , 2022, . | 0.6 | 0 |