

# Elton Luiz Dantas

## 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.

195  
papers

4,263  
citations

37  
h-index

55  
g-index

197  
ext. papers

5,043  
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5.63  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 195 | Cyclic sediment deposition by orbital forcing in the Miocene wetland of western Amazonia? New insights from a multidisciplinary approach. <i>Global and Planetary Change</i> , <b>2022</b> , 210, 103717  | 4.2 | 1         |
| 194 | Provenance of Miocene-Pleistocene siliciclastic deposits in the Eastern Amazonia coast (Brazil) and paleogeographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2022</b> , 587, 110799  | 2.9 | 0         |
| 193 | Provenance of the Middle Jurassic-Cretaceous sedimentary rocks of the Arequipa Basin (South Peru) and implications for the geodynamic evolution of the Central Andes. <i>Gondwana Research</i> , <b>2022</b> , 101, 59-76   | 5.1 | 2         |
| 192 | The generation and evolution of the archean continental crust: the granitoid story in southeastern Brazil. <i>Geoscience Frontiers</i> , <b>2022</b> , 101402   | 6   | 0         |
| 191 | Goldilocks at the dawn of complex life: mountains might have damaged Ediacaran-Cambrian ecosystems and prompted an early Cambrian greenhouse world. <i>Scientific Reports</i> , <b>2021</b> , 11, 20010   | 4.9 | 1         |
| 190 | Accretion tectonics in Western Gondwana highlighted by the aeromagnetic signature of the Sergipano Belt, NE Brazil. <i>Tectonophysics</i> , <b>2021</b> , 802, 228742   | 3.1 | 3         |
| 189 | Neoproterozoic magmatic arc volcanism in the Borborema Province, NE Brazil: possible flare-ups and lulls and implications for western Gondwana assembly. <i>Gondwana Research</i> , <b>2021</b> , 92, 1-25  | 5.1 | 16        |
| 188 | From passive margin to continental collision: Geochemical and isotopic constraints for E-MORB and OIB-like magmatism during the neoproterozoic evolution of the southeast Bras^ lla Belt. <i>Precambrian Research</i> , <b>2021</b> , 359, 105345                   | 3.9 | 2         |
| 187 | Multiple stages of migmatite generation during the Archean to Proterozoic crustal evolution in the Borborema Province, Northeast Brazil. <i>Gondwana Research</i> , <b>2021</b> , 90, 314-334   | 5.1 | 2         |
| 186 | Orosirian I-type calc-alkaline granitoids from northern Brazil: Petrogenetic implications for evolution of the central Amazonian Craton. <i>Lithos</i> , <b>2021</b> , 380-381, 105914  | 2.9 | 1         |
| 185 | Aren^ polis sequence, evolution of a marginal basin in the Neoproterozoic Goi^ m magmatic arc, central Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 106, 103033  | 2   |           |
| 184 | Shortening history of the Neoproterozoic oroclinal bending in Paraguay belt, Central Brazil, based on structural interpretation of field work and high resolution aerogeophysical data. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 107, 103043 | 2   |           |
| 183 | Provenance and tectonic evolution of the Andrel^ ndia Group in the region between the Socorro and Guaxup^ 'nappes, Southern Bras^ lla and Ribeira orogens, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 109, 103060                      | 2   | 1         |
| 182 | New constraints for paleogeographic reconstructions at ca. 1.88 Ga from geochronology and paleomagnetism of the Caraj^ m dyke swarm (eastern Amazonia). <i>Precambrian Research</i> , <b>2021</b> , 353, 106039   | 3.9 | 7         |
| 181 | Microbially induced chromium isotope fractionation and trace elements behavior in lower Cambrian microbialites from the Ja^ Ba Member, Bambu^ l Basin, Brazil. <i>Geobiology</i> , <b>2021</b> , 19, 125-146  | 4.3 | 2         |
| 180 | The root zones of the Serid^ W-skarn system, northeastern Brazil: Constraints on the metallogenesis of a large Ediacaran tungsten Province. <i>Ore Geology Reviews</i> , <b>2021</b> , 128, 103884  | 3.2 | 1         |
| 179 | Provenance of passive-margin and syn-collisional units: Implications for the geodynamic evolution of the Southern Bras^ lla Orogen, West Gondwana. <i>Sedimentary Geology</i> , <b>2021</b> , 413, 105823   | 2.8 | 4         |

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|-----|--|-----|----|
| 178 | The previously missing c. 2.9 Ga high-K continental crust in West Gondwana revealed in Northeast Brazil. <i>Terra Nova</i> , <b>2021</b> , 33, 184-194   | 3   | 2  |
| 177 | Trace metal dynamics in an industrialized Brazilian river: A combined application of Zn isotopes, geochemical partitioning, and multivariate statistics. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 101, 313-325 | 6.4 | 2  |
| 176 | Isotopic and geochemical constraints for a Paleoproterozoic accretionary orogen in the Borborema Province, NE Brazil: Implications for reconstructing Nuna/Columbia. <i>Geoscience Frontiers</i> , <b>2021</b> , 101167        | 6   | 3  |
| 175 | Metallogenesis of the Rhyacian Lavra Velha gold-rich IOCG deposit in the S^b Francisco Craton, Brazil. <i>Ore Geology Reviews</i> , <b>2021</b> , 134, 104148  | 3.2 | 1  |
| 174 | A new record of continental arc magmatism in the Cear^l Central Domain, Borborema Province (NE Brazil): evidence from the Pacatuba-Maranguape Complex. <i>Precambrian Research</i> , <b>2021</b> , 359, 106192                 | 3.9 | 3  |
| 173 | Reactivated shear zones: A case study in a tectonic superposition zone between the Southern Bras^l and Ribeira orogens, southeastern Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 112, 103537       | 2   | 0  |
| 172 | Appinitic and high Ba Sr magmatism in central Brazil: Insights into the late accretion stage of West Gondwana. <i>Lithos</i> , <b>2021</b> , 398-399, 106333   | 2.9 | 0  |
| 171 | Contribution to petrogenesis of the Paleoproterozoic Basaltic Magmatism from the Ara^l continental rift, central Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 110, 103345                           | 2   |    |
| 170 | Evidence of a Palaeoproterozoic SLIP, northern Amazonian Craton, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 111, 103453   | 2   | 0  |
| 169 | Mineralization and hydrothermal alteration in the Mam^b orogenic gold deposit, Andorinhas greenstone belt, Caraj^b Province, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 112, 103548               | 2   |    |
| 168 | Petrology and crustal evolution of the Tartarugal Grande Granulitic Complex - Northeastern Amazonian Craton. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 112, 103549                                       | 2   | 0  |
| 167 | Paleobasinal to band-scale REE+Y distribution in iron formations from Caraj^b, Amazon Craton, Brazil. <i>Ore Geology Reviews</i> , <b>2020</b> , 127, 103750   | 3.2 | 2  |
| 166 | Arc accretion and crustal reworking from late Archean to Neoproterozoic in Northeast Brazil. <i>Scientific Reports</i> , <b>2020</b> , 10, 7855  | 4.9 | 13 |
| 165 | Significance of age periodicity in the continental crust record: The S^b Francisco Craton and adjacent Neoproterozoic orogens as a case study. <i>Gondwana Research</i> , <b>2020</b> , 86, 144-163                            | 5.1 | 4  |
| 164 | High-pressure metamorphic rocks in the Borborema Province, Northeast Brazil: Reworking of Archean oceanic crust during proterozoic orogenies. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 2221-2242                        | 6   | 10 |
| 163 | Phoscorites of the Salitre I complex: Origin and petrogenetic implications. <i>Chemical Geology</i> , <b>2020</b> , 535, 119463  | 4.2 | 6  |
| 162 | Geochemistry and isotopic geology of the Lagoa Seca gold deposit in the Andorinhas greenstone-belt, Caraj^b Province, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 99, 102523                       | 2   | 2  |
| 161 | Monte Santo suite, an example of Ediacaran-Cambrian deformed alkaline rocks in the Araguaia Belt, Central Brazil. Implications for Western Gondwana evolution. <i>Lithos</i> , <b>2020</b> , 366-367, 105552                   | 2.9 | 3  |

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|-----|--|-----|----|
| 160 | U-Pb and Lu-Hf isotope systematics on detrital zircon from the southern S <sup>e</sup> Francisco Craton's Neoproterozoic passive margin: Tectonic implications. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 100, 102539  | 2   | 12 |
| 159 | Pectolite in the Carolina kimberlitic intrusion, Espig <sup>o</sup> D <sup>o</sup> este <sup>o</sup> Rond <sup>o</sup> <sup>o</sup> Bia, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 100, 102583   | 2   |    |
| 158 | New U-Pb (SHRIMP) and first Hf isotope constraints on the Tonian (1000-920 Ma) Cariris Velhos event, Borborema Province, NE Brazil. <i>Brazilian Journal of Geology</i> , <b>2020</b> , 50,  | 1.5 | 7  |
| 157 | Isotopic age constraints and geochemical results of disseminated ophiolitic assemblage from Neoproterozoic m <sup>o</sup> lange, central Brazil. <i>Precambrian Research</i> , <b>2020</b> , 339, 105581   | 3.9 | 10 |
| 156 | Controls on the provenance of late Eocene to Quaternary Mozambique Channel shales (DSDP 25 Site 242). <i>Marine Geology</i> , <b>2020</b> , 421, 106090  | 3.3 | 2  |
| 155 | S <sup>e</sup> Bento do Sapuca <sup>o</sup> <sup>o</sup> Shear Zone: Constraining age and P-T conditions of a collisional Neoproterozoic oblique shear zone, Ribeira Orogen, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 98, 102418  | 2   | 2  |
| 154 | Nd-Sr-Hf isotopes and U-Pb ages of mesoproterozoic Tr <sup>o</sup> <sup>o</sup> Estradas Alkaline-Carbonatite Complex, Brazil: Implications for Sul-Riograndense Shield evolution and rodinia break-up. <i>Precambrian Research</i> , <b>2020</b> , 351, 105963  | 3.9 | 2  |
| 153 | Behavior of metallurgical zinc contamination in coastal environments: A survey of Zn from electroplating wastes and partitioning in sediments. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140610 <sup>10.2</sup>   |     | 7  |
| 152 | Provenance of neoproterozoic ophiolitic m <sup>o</sup> lange sediments in the brasilia belt, central Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 104, 102825   | 2   | 2  |
| 151 | Rio Apa Block: A Juvenile Crustal Fragment in the Southwest Amazonian Craton and Its Implications for Columbia Supercontinent Reconstitution. <i>Journal of Geology</i> , <b>2020</b> , 128, 415-444   | 2   | 3  |
| 150 | A magmatic barcode for the S <sup>e</sup> Francisco Craton: Contextual in-situ SHRIMP U Pb baddeleyite and zircon dating of the Lavras, Par <sup>o</sup> <sup>o</sup> de Minas and Formiga dyke swarms and implications for Columbia and Rodinia reconstructions. <i>Lithos</i> , <b>2020</b> , 374-375, 105708  | 2.9 | 11 |
| 149 | The 2.26 to 2.18 Ga Arc-Related Magmatism of the Almas-Concei <sup>o</sup> <sup>o</sup> do Tocantins Domain: An Early Stage of the S <sup>e</sup> Francisco Paleocontinent Assembly in Central Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 104, 102757   | 2   | 1  |
| 148 | Thermochronology and exhumation history of the basement and sediments of the NNE border of the Paran <sup>o</sup> <sup>o</sup> basin, Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 99, 102512   | 2   | 1  |
| 147 | Hydrothermal footprint related to regional-scale shear zone-controlled scheelite mineralization, Serid <sup>o</sup> <sup>o</sup> W-skarn system, northeastern Brazil. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 103, 102755 <sup>2</sup>   |     | 3  |
| 146 | The Siderian crust (2.47 <sup>o</sup> 2.3 Ga) of the Goi <sup>o</sup> <sup>o</sup> Massif and its role as a building block of the S <sup>e</sup> Francisco paleocontinent. <i>Precambrian Research</i> , <b>2020</b> , 350, 105901   | 3.9 | 6  |
| 145 | Archean and Paleoproterozoic crustal evolution and evidence for cryptic Paleoproterozoic-Hadean sources of the NW S <sup>e</sup> Francisco Craton, Brazil: Lithochemistry, geochronology, and isotope systematics of the Cristal <sup>o</sup> <sup>o</sup> dia do Piau <sup>o</sup> <sup>o</sup> Block. <i>Gondwana Research</i> , <b>2020</b> , 88, 268-295 | 5.1 | 7  |
| 144 | Structural evolution and U/Pb zircon age of the Xambio <sup>o</sup> <sup>o</sup> gneiss dome, contributions to the Araguaia fold belt tectonic history. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 104, 102753  | 2   | 1  |
| 143 | U <sup>o</sup> Pb and Hf isotopes in granitoids from the Eastern Bolivian basement: Insights into the Paleoproterozoic evolution of the western part of South America. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 104, 102806   | 2   | 3  |

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| 142 | Tonian island arc remnants in the northern Ribeira orogen of Western Gondwana: The Caxixe batholith (Esp <sup>o</sup> Santo, SE Brazil). <i>Precambrian Research</i> , <b>2020</b> , 351, 105944   | 3.9 | 8  |
| 141 | Two generations of mafic dyke swarms in the Southeastern Brazilian coast: reactivation of structural lineaments during the gravitational collapse of the Ara <sup>o</sup> Ribeira Orogen (500 Ma) and West Gondwana breakup (140 Ma). <i>Precambrian Research</i> , <b>2020</b> , 340, 105344                    | 3.9 | 8  |
| 140 | The Barreiro suite in the central Ribeira Belt (SE-Brazil): a late Tonian tholeiitic intraplate magmatic event in the distal passive margin of the S <sup>o</sup> Francisco Paleocontinent. <i>Brazilian Journal of Geology</i> , <b>2019</b> , 49,  | 1.5 | 4  |
| 139 | Carbonate chemostratigraphy of the Vazante Group, Brazil: A probable Tonian age. <i>Precambrian Research</i> , <b>2019</b> , 331, 105378   | 3.9 | 9  |
| 138 | Does the metavolcanic-sedimentary Rio do Coco Group, Araguaia Belt, Brazil, represent a continuity of the Quatipuru ophiolitic complex? â€œConstraints from U-Pb and Sm-Nd isotope data. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 94, 102233  | 2   | 3  |
| 137 | Provenance of the Neogene sediments from the Solim <sup>o</sup> s Formation (Solim <sup>o</sup> s and Acre Basins), Brazil. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 93, 232-241  | 2   | 8  |
| 136 | Dating Gondwanan continental crust at the Rio Grande Rise, South Atlantic. <i>Terra Nova</i> , <b>2019</b> , 31, 424-429   | 3.9 | 9  |
| 135 | The Fazenda Nova gold deposit, Goi <sup>o</sup> Magmatic Arc: Late neoproterozoic intrusion-related auriferous mineralization controlled by intracontinental strike-slip faulting. <i>Ore Geology Reviews</i> , <b>2019</b> , 107, 546-572   | 3.2 | 4  |
| 134 | The Cambrian peraluminous Santa Luzia granite suite in the Araguaia Belt, central Brazil: Evidence for closure of the Clymene Ocean based on zircon and monazite UPb data. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 92, 116-133   | 2   | 5  |
| 133 | Statherian-Calymnian (ca. 1.6 Ga) magmatism in the Alto Moxot <sup>o</sup> Terrane, Borborema Province, northeast Brazil: Implications for within-plate and coeval collisional tectonics in West Gondwana. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 91, 116-130                           | 2   | 13 |
| 132 | Paleoproterozoic Mafic-Ultramafic Magmatism in the Northern Borborema Province, Northeast Brazil: Tectonic Setting and Potential for Deposits. <i>Journal of Geology</i> , <b>2019</b> , 127, 483-504  | 2   | 4  |
| 131 | The effect of chemical and physical imperfections in zircon grains in influencing the U-Pb age analyses: Insights from zircon fission track etching. <i>Lithos</i> , <b>2019</b> , 346-347, 105138   | 2.9 | 1  |
| 130 | History of volcanism and sedimentation synchronous with plutonism during Rhyacian in Serra das Pipocas Greenstone Belt, Borborema Province, NE Brazil. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 95, 102220  | 2   | 4  |
| 129 | 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> , <b>2019</b> , 96, 102384                    | 2   | 15 |
| 128 | Ediacaran emerald mineralization in Northeastern Brazil: the case of the Fazenda Bonfim Deposit. <i>Brazilian Journal of Geology</i> , <b>2019</b> , 49,   | 1.5 | 1  |
| 127 | ^gua Bonita pull apart basin and its relationship to Transbrasiliano Lineament. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 89, 63-75  | 2   | 0  |
| 126 | A Neoproterozoic hyper-extended margin associated with Rodinia's demise and Gondwana's build-up: The Araguaia Belt, central Brazil. <i>Gondwana Research</i> , <b>2019</b> , 66, 43-62   | 5.1 | 17 |
| 125 | Isotopic and geochemical characterization of the metavolcano-sedimentary rocks of the Jirau do Ponciano Dome: A structural window to a Paleoproterozoic continental arc root within the Southern Borborema Province, Northeast Brazil. <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 90, 54-69 | 2   | 12 |

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| 124 | The 3.5 Ga S <sup>+</sup> Tom <sup>+</sup> layered mafic-ultramafic intrusion, NE Brazil: Insights into a Paleoarchean Fe-Ti-V oxide mineralization and its reworking during West Gondwana assembly. <i>Precambrian Research</i> , <b>2019</b> , 326, 462-478                        | 3.9 | 6   |
| 123 | Orosirian magmatic episodes in the erepecuru-trombetas domain (southeastern Guyana shield): Implications for the crustal evolution of the Amazonian craton. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 85, 278-297  | 2   | 12  |
| 122 | A field study of the confluence between Negro and Solim <sup>+</sup> s Rivers. Part 2: Bed morphology and stratigraphy. <i>Comptes Rendus - Geoscience</i> , <b>2018</b> , 350, 43-54  | 1.4 | 43  |
| 121 | Structural framework from gravity and magnetic data in the paleo/mesoproterozoic Ara <sup>+</sup> rift-sag Basin, Central Brazil. <i>Geophysics</i> , <b>2018</b> , 83, B195-B207  | 3.1 | 3   |
| 120 | Provenance record of late Maastrichtian <sup>+</sup> late Palaeocene Andean Mountain building in the Amazonian retroarc foreland basin (Madre de Dios basin, Peru). <i>Terra Nova</i> , <b>2018</b> , 30, 17-23  | 3   | 12  |
| 119 | Geochemical and detrital zircon geochronological investigation of the metavolcanosedimentary Araticum complex, sergipano fold belt: Implications for the evolution of the Borborema Province, NE Brazil. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 86, 176-192 | 2   | 19  |
| 118 | Accretion Tectonics in Western Gondwana Deduced From Sm-Nd Isotope Mapping of Terranes in the Borborema Province, NE Brazil. <i>Tectonics</i> , <b>2018</b> , 37, 2727-2743  | 4.3 | 17  |
| 117 | 1.88 Ga S <sup>+</sup> Gabriel AMCG association in the southernmost Uatum <sup>+</sup> Anau <sup>+</sup> Domain: Petrological implications for post-collisional A-type magmatism in the Amazonian Craton. <i>Lithos</i> , <b>2018</b> , 300-301, 291-313                             | 3.9 | 6   |
| 116 | Tracing Rare Earth Element Sources in <i>Ucides cordatus</i> Crabs by Means of 147Sm/144Nd and 143Nd/144Nd Isotopic Systematics. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1  | 2.6 | 4   |
| 115 | Petrology and geochronology (U Pb) OF the Caapuc <sup>+</sup> suite <sup>+</sup> Southern Paraguay: POST-TECTONIC magmatism of the Paraguari belt. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 88, 621-641   | 2   | 3   |
| 114 | Cretaceous-early Paleocene drainage shift of Amazonian rivers driven by Equatorial Atlantic Ocean opening and Andean uplift as deduced from the provenance of northern Peruvian sedimentary rocks (Huallaga basin). <i>Gondwana Research</i> , <b>2018</b> , 63, 152-168             | 5.1 | 20  |
| 113 | Insights into the late-stage differentiation processes of the Catal <sup>+</sup> I carbonatite complex in Brazil: New Sr <sup>+</sup> Nd and Ca <sup>+</sup> isotopic data in minerals from niobium ores. <i>Lithos</i> , <b>2017</b> , 274-275, 214-224                             | 2.9 | 5   |
| 112 | U-Pb geochronology of the 2.0 Ga Itapecerica graphite-rich supracrustal succession in the S <sup>+</sup> Francisco Craton: Tectonic matches with the North China Craton and paleogeographic inferences. <i>Precambrian Research</i> , <b>2017</b> , 293, 91-111                      | 3.9 | 44  |
| 111 | A critical examination of the possible application of zinc stable isotope ratios in bivalve mollusks and suspended particulate matter to trace zinc pollution in a tropical estuary. <i>Environmental Pollution</i> , <b>2017</b> , 226, 41-47                                       | 9.3 | 18  |
| 110 | Vestiges of a continental margin ophiolite type in the Novo Oriente region, Borborema Province, NE Brazil. <i>Journal of South American Earth Sciences</i> , <b>2017</b> , 73, 78-99   | 2   | 5   |
| 109 | The Amazon at sea: Onset and stages of the Amazon River from a marine record, with special reference to Neogene plant turnover in the drainage basin. <i>Global and Planetary Change</i> , <b>2017</b> , 153, 51-65  | 4.2 | 105 |
| 108 | Tracing of anthropogenic zinc sources in coastal environments using stable isotope composition. <i>Chemical Geology</i> , <b>2017</b> , 449, 226-235   | 4.2 | 58  |
| 107 | The Northern Bras <sup>+</sup> ia Belt. <i>Regional Geology Reviews</i> , <b>2017</b> , 205-220  | 2.5 | 14  |

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| 106 | U-Pb zircon geochronological investigation on the Morro dos Seis Lagos Carbonatite Complex and associated Nb deposit (Amazonas, Brazil). <i>Journal of South American Earth Sciences</i> , <b>2017</b> , 80, 1-17  | 2   | 9  |
| 105 | Tectonic evolution of the Juvenile Tonian Serra da Prata magmatic arc in the Ribeira belt, SE Brazil: Implications for early west Gondwana amalgamation. <i>Precambrian Research</i> , <b>2017</b> , 302, 221-254  | 3.9 | 39 |
| 104 | <sup>87</sup> Sr/ <sup>86</sup> Sr dating and preliminary interpretation of magnetic susceptibility logs of giant piston cores from the Rio Grande Rise in the South Atlantic. <i>Journal of South American Earth Sciences</i> , <b>2017</b> , 80, 244-254                           | 2   | 4  |
| 103 | The Ticunzal Formation in central Brazil: Record of Rhyacian sedimentation and metamorphism in the western border of the São Francisco Craton. <i>Journal of South American Earth Sciences</i> , <b>2017</b> , 79, 307-325   | 2.3 | 12 |
| 102 | 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 Moxotó Terrane. <i>Journal of South American Earth Sciences</i> , <b>2017</b> , 79, 342-363 | 2   | 30 |
| 101 | Sinistral reactivation of the Transbrasiliano Lineament: Structural and geochronological evidences in the Cariri Granulite Zone, Borborema Province, NE Brazil. <i>Journal of South American Earth Sciences</i> , <b>2017</b> , 79, 409-420  | 2   | 6  |
| 100 | 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> , <b>2017</b> , 103, 167-184  | 3.1 | 24 |
| 99  | The peraluminous Aurumina Granite Suite in central Brazil: An example of mantle-continental crust interaction in a Paleoproterozoic cordilleran hinterland setting?. <i>Precambrian Research</i> , <b>2017</b> , 299, 75-100   | 3.9 | 23 |
| 98  | Hafnium and neodymium isotopes and REY distribution in the truly dissolved, nanoparticulate/colloidal and suspended loads of rivers in the Amazon Basin, Brazil. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 213, 383-399   | 5.5 | 23 |
| 97  | A 30 Ma history of the Amazon River inferred from terrigenous sediments and organic matter on the Ceara Rise. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 474, 40-48  | 5.3 | 28 |
| 96  | Contrasting impact of organic and inorganic nanoparticles and colloids on the behavior of particle-reactive elements in tropical estuaries: An experimental study. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 197, 1-13  | 5.5 | 33 |
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