

Elton Luiz Dantas

List of Publications by Year in descending order

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197
papers

5,813
citations

57631

44
h-index

106150

65
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197
all docs

197
docs citations

197
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	High spatial resolution analysis of Pb and U isotopes for geochronology by laser ablation multi-collector inductively coupled plasma mass spectrometry (LA-MC-ICP-MS). <i>Anais Da Academia Brasileira De Ciencias</i> , 2009, 81, 99-114.	0.3	190
2	Shrimp U-Pb zircon dating and palynology of bentonitic layers from the Permian Irati Formation, Paraná Basin, Brazil. <i>Gondwana Research</i> , 2006, 9, 456-463.	3.0	167
3	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> , 2017, 153, 51-65.	1.6	165
4	The Serid3 Group of NE Brazil, a late Neoproterozoic pre- to syn-collisional basin in West Gondwana: insights from SHRIMP U-Pb detrital zircon ages and Sm-Nd crustal residence (TDM) ages. <i>Precambrian Research</i> , 2003, 127, 287-327.	1.2	147
5	Late Neoproterozoic-Cambrian granitic magmatism in the Araçuaia-orogen (Brazil), the Eastern Brazilian Pegmatite Province and related mineral resources. <i>Geological Society Special Publication</i> , 2011, 350, 25-51.	0.8	140
6	Archean granitoid magmatism in the Canaã dos Carajás area: Implications for crustal evolution of the Carajás province, Amazonian craton, Brazil. <i>Precambrian Research</i> , 2013, 227, 157-185.	1.2	125
7	Two neoproterozoic crustal accretion events in the Brasília belt, central Brazil. <i>Journal of South American Earth Sciences</i> , 2005, 18, 183-198.	0.6	114
8	The 3.4-3.5 Ga São José do Campestre massif, NE Brazil: remnants of the oldest crust in South America. <i>Precambrian Research</i> , 2004, 130, 113-137.	1.2	108
9	Crustal structure beneath the Paleozoic Parnaíba Basin revealed by airborne gravity and magnetic data, Brazil. <i>Tectonophysics</i> , 2014, 614, 128-145.	0.9	108
10	The Ediacaran Rio Doce magmatic arc revisited (Araçuaia-Ribeira orogenic system, SE Brazil). <i>Journal of South American Earth Sciences</i> , 2016, 68, 167-186.	0.6	99
11	Nd isotopes and the provenance of detrital sediments of the Neoproterozoic Brasília Belt, central Brazil. <i>Journal of South American Earth Sciences</i> , 2001, 14, 571-585.	0.6	93
12	Paleoproterozoic crust-formation and reworking events in the Tocantins Province, central Brazil: A contribution for Atlantica supercontinent reconstruction. <i>Precambrian Research</i> , 2014, 244, 53-74.	1.2	90
13	In situ zircon U-Pb and Lu-Hf isotope systematic on magmatic rocks: Insights on the crustal evolution of the Neoproterozoic Goiás Magmatic Arc, Brasília belt, Central Brazil. <i>Gondwana Research</i> , 2010, 17, 1-12.	3.0	87
14	Tracing of anthropogenic zinc sources in coastal environments using stable isotope composition. <i>Chemical Geology</i> , 2017, 449, 226-235.	1.4	83
15	Geochemistry, geochronology, and origin of the Neoproterozoic Planalto Granite suite, Carajás, Amazonian craton: A-type or hydrated charnockitic granites?. <i>Lithos</i> , 2012, 151, 57-73.	0.6	81
16	Crustal growth in the 3.4-2.7Ga São José do Campestre Massif, Borborema Province, NE Brazil. <i>Precambrian Research</i> , 2013, 227, 120-156.	1.2	81
17	Age of felsic volcanism and the role of ancient continental crust in the evolution of the Neoproterozoic Rio das Velhas Greenstone belt (Quadrilátero Ferrífero, Brazil): U-Pb zircon dating of volcanoclastic graywackes. <i>Precambrian Research</i> , 2005, 141, 67-82.	1.2	78
18	A complete Wilson Cycle recorded within the Riacho do Pontal Orogen, NE Brazil: Implications for the Neoproterozoic evolution of the Borborema Province at the heart of West Gondwana. <i>Precambrian Research</i> , 2016, 282, 97-120.	1.2	75

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19	Consolidation and Break-up of the South American Platform in Southeastern Brazil: Tectonothermal and Denudation Histories. <i>Gondwana Research</i> , 2004, 7, 91-101.	3.0	73
20	Câ€“Oâ€“Sr isotopic stratigraphy of cap carbonates overlying Marinoan-age glacial diamictites in the Paraguay Belt, Brazil. <i>Precambrian Research</i> , 2004, 131, 1-21.	1.2	73
21	Geology of the northern Borborema Province, NE Brazil and its correlation with Nigeria, NW Africa. <i>Geological Society Special Publication</i> , 2008, 294, 49-67.	0.8	73
22	Tracing and tracking wastewater-derived substances in freshwater lakes and reservoirs: Anthropogenic gadolinium and geogenic REEs in Lake ParanoÃ¡, BrasÃ­lia. <i>Comptes Rendus - Geoscience</i> , 2015, 347, 284-293.	0.4	70
23	Relics of eclogite facies assemblages in the CearÃ¡ Central Domain, NW Borborema Province, NE Brazil: Implications for the assembly of West Gondwana. <i>Gondwana Research</i> , 2009, 15, 454-470.	3.0	67
24	Origin of increased terrigenous supply to the NE South American continental margin during Heinrich Stadial 1 and the Younger Dryas. <i>Earth and Planetary Science Letters</i> , 2015, 432, 493-500.	1.8	65
25	Neotectonic reactivation of shear zones and implications for faulting style and geometry in the continental margin of NE Brazil. <i>Tectonophysics</i> , 2014, 614, 78-90.	0.9	62
26	Cambro-Ordovician magmatism in the AraÃ§uaÃ­ Belt (SE Brazil): Snapshots from a post-collisional event. <i>Journal of South American Earth Sciences</i> , 2016, 68, 248-268.	0.6	62
27	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> , 2017, 302, 221-254.	1.2	61
28	Geochemical and thermal effects of a basic sill on black shales and limestones of the Permian Irati Formation. <i>Journal of South American Earth Sciences</i> , 2009, 28, 14-24.	0.6	59
29	U-Pb geochronology of the 2.0 Ga Itapacerica graphite-rich supracrustal succession in the SÃ£o Francisco Craton: Tectonic matches with the North China Craton and paleogeographic inferences. <i>Precambrian Research</i> , 2017, 293, 91-111.	1.2	56
30	Early to Late Paleoproterozoic magmatism in NE Brazil: The Alto MoxotÃ³ Terrane and its tectonic implications for the Pre-West Gondwana assembly. <i>Journal of South American Earth Sciences</i> , 2015, 58, 188-209.	0.6	55
31	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> , 2017, 197, 1-13.	1.6	54
32	Uâ€“Pb and Hf isotope study on detrital zircons from the ParanoÃ¡ Group, BrasÃ­lia Belt Brazil: Constraints on depositional age at Mesoproterozoic â€“ Neoproterozoic transition and tectono-magmatic events in the SÃ£o Francisco craton. <i>Precambrian Research</i> , 2012, 206-207, 168-181.	1.2	53
33	The AfeiÃ§Ã£o augen-gneiss Suite and the record of the Cariris Velhos Orogeny (1000â€“960Â­Ma) within the Riacho do Pontal fold belt, NE Brazil. <i>Journal of South American Earth Sciences</i> , 2014, 51, 12-27.	0.6	52
34	A field study of the confluence between Negro and SolimÃ­es Rivers. Part 2: Bed morphology and stratigraphy. <i>Comptes Rendus - Geoscience</i> , 2018, 350, 43-54.	0.4	52
35	Deep seismic refraction and gravity crustal model and tectonic deformation in Tocantins Province, Central Brazil. <i>Tectonophysics</i> , 2004, 388, 187-199.	0.9	50
36	The continental record of Ediacaran volcanoâ€“sedimentary successions in southern Brazil and their global implications. <i>Terra Nova</i> , 2008, 20, 259-266.	0.9	50

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37	Ages (U ²³⁸ /Pb SHRIMP and LA ICPMS) and stratigraphic evolution of the Neoproterozoic volcano-sedimentary successions from the extensional Camaquã Basin, Southern Brazil. <i>Gondwana Research</i> , 2012, 21, 466-482.	3.0	50
38	Mineral chemistry, isotope geochemistry and petrogenesis of niobium-rich rocks from the Catalão I carbonatite-phoscorite complex, Central Brazil. <i>Lithos</i> , 2010, 118, 223-237.	0.6	49
39	U ²³⁸ -Pb age of the coesite-bearing eclogite from NW Borborema Province, NE Brazil: Implications for western Gondwana assembly. <i>Gondwana Research</i> , 2015, 28, 1183-1196.	3.0	48
40	Generation of continental crust in the northern part of the Borborema Province, northeastern Brazil, from Archaean to Neoproterozoic. <i>Journal of South American Earth Sciences</i> , 2016, 68, 68-96.	0.6	48
41	Mafic magmatism associated with the Goiás magmatic arc in the Anicuns region, Goiás, central Brazil: Sm ¹⁴⁷ -Nd isotopes and new ID-TIMS and SHIMP U ²³⁸ -Pb data. <i>Journal of South American Earth Sciences</i> , 2004, 16, 599-614.	0.6	46
42	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
43	Iron isotope composition of the bulk waters and sediments from the Amazon River Basin. <i>Chemical Geology</i> , 2014, 377, 1-11.	1.4	45
44	A 30 Ma history of the Amazon River inferred from terrigenous sediments and organic matter on the Ceará Rise. <i>Earth and Planetary Science Letters</i> , 2017, 474, 40-48.	1.8	45
45	Using Nd isotopes to understand the provenance of sedimentary rocks from a continental margin to a foreland basin in the Neoproterozoic Paraguay Belt, Central Brazil. <i>Precambrian Research</i> , 2009, 170, 1-12.	1.2	44
46	Isotope stratigraphy of Neoproterozoic cap carbonates in the Araras Group, Brazil. <i>Gondwana Research</i> , 2008, 13, 469-479.	3.0	43
47	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> , 2017, 79, 342-363.	0.6	43
48	Bebedourite from its type area (Salitre I complex): A key petrogenetic series in the Late-Cretaceous Alto Paranaíba kamafugite-carbonatite-phoscorite association, Central Brazil. <i>Lithos</i> , 2012, 144-145, 56-72.	0.6	42
49	Detrital zircon (U ²³⁸ /Pb) and Sm ¹⁴⁷ -Nd isotope studies of the provenance and tectonic setting of basins related to collisional orogens: The case of the Rio Preto fold belt on the northwest São Francisco Craton margin, NE Brazil. <i>Gondwana Research</i> , 2014, 26, 741-754.	3.0	42
50	Geochemical characterisation of Neoproterozoic marine habitats: Evidence from trace elements and Nd isotopes in the Urucum iron and manganese formations, Brazil. <i>Precambrian Research</i> , 2016, 282, 74-96.	1.2	42
51	Combined U-Pb and Lu-Hf isotope analyses by laser ablation MC-ICP-MS: methodology and applications. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 479-491.	0.3	40
52	The Ni-Cu-PGE mineralized Brejo Seco mafic-ultramafic layered intrusion, Riacho do Pontal Orogen: Onset of Tonian (ca. 900 Ma) continental rifting in Northeast Brazil. <i>Journal of South American Earth Sciences</i> , 2016, 70, 324-339.	0.6	40
53	High-pressure granulites from Cariró, Borborema Province, NE Brazil: Tectonic setting, metamorphic conditions and U ²³⁸ -Pb, Lu ¹⁷⁶ -Hf and Sm ¹⁴⁷ -Nd geochronology. <i>Gondwana Research</i> , 2012, 22, 892-909.	3.0	39
54	The reliability of ²³⁵ U/ ²³⁸ U old Witwatersrand banded iron formations (South Africa) as archives for Mesoarchean seawater: Evidence from REE and Nd isotope systematics. <i>Journal of African Earth Sciences</i> , 2015, 111, 322-334.	0.9	39

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55	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> , 2021, 92, 1-25.	3.0	39
56	Age and geotectonic setting of Late Neoproterozoic juvenile mafic gneisses and associated paragneisses from the Ribeira belt (SE Brazil) based on geochemistry and Sm-Nd data Implications on Gondwana assembly. <i>Gondwana Research</i> , 2008, 13, 502-515.	3.0	36
57	The tectonic evolution of the Transbrasiliano Lineament in northern Parana Basin, Brazil, as inferred from aeromagnetic data. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1544-1562.	1.4	36
58	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> , 2017, 213, 383-399.	1.6	36
59	ARCHEAN ACCRETION IN THE SĂO JOSĂ DO CAMPESTRE MASSIF, BORBOREMA PROVINCE, NORTHEAST BRAZIL. <i>Revista Brasileira De GeociĂncias</i> , 1998, 28, 221-228.	0.1	35
60	Accretion Tectonics in Western Gondwana Deduced From Sm-Nd Isotope Mapping of Terranes in the Borborema Province, NE Brazil. <i>Tectonics</i> , 2018, 37, 2727-2743.	1.3	34
61	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> , 2018, 63, 152-168.	3.0	33
62	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
63	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> , 2017, 226, 41-47.	3.7	32
64	Sources of anthropogenic lead in sediments from an artificial lake in BrasĂlia central Brazil. <i>Science of the Total Environment</i> , 2006, 356, 125-142.	3.9	31
65	Floresta and BodocĂ Mafic-Ultramafic Complexes, western Borborema Province, Brazil: Geochemical and isotope constraints for evolution of a Neoproterozoic arc environment and retro-eclogitic hosted Ti-mineralization. <i>Precambrian Research</i> , 2016, 280, 95-119.	1.2	31
66	The Caraguata-syenitic suite, a ca. 2.7Ga-old alkaline magmatism (petrology, geochemistry and U-Pb) Tj ETQq0 0 0 rgBT /Overlock 1 Sciences, 2012, 37, 95-112.	0.6	30
67	Long-lived Neoproterozoic high-K magmatism in the Pernambuco-Alagoas Domain, Borborema Province, northeast Brazil. <i>International Geology Review</i> , 2013, 55, 1280-1299.	1.1	30
68	The Paleoproterozoic Campinorte Arc: Tectonic evolution of a Central Brazil pre-Columbia orogeny. <i>Precambrian Research</i> , 2014, 251, 49-61.	1.2	30
69	Fractionation of rare earth and other trace elements in crabs, <i>Ucides cordatus</i> , from a subtropical mangrove affected by fertilizer industry. <i>Journal of Environmental Sciences</i> , 2017, 54, 69-76.	3.2	30
70	Orosirian (ca. 1.96Ga) mafic crust of the northwestern SĂo Francisco Craton margin: Petrography, geochemistry and geochronology of amphibolites from the Rio Preto fold belt basement, NE Brazil. <i>Journal of South American Earth Sciences</i> , 2015, 59, 95-111.	0.6	29
71	The Neoproterozoic CearĂ Group, CearĂ Central domain, NE Brazil: Depositional age and provenance of detrital material. New insights from U-Pb and Sm-Nd geochronology. <i>Journal of South American Earth Sciences</i> , 2015, 58, 223-237.	0.6	28
72	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> , 2018, 86, 176-192.	0.6	28

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73	The Neoproterozoic Quatipuru ophiolite and the Araguaia fold belt, central-northern Brazil, compared with correlatives in NW Africa. Geological Society Special Publication, 2008, 294, 297-318.	0.8	27
74	Provenance of Pliocene and recent sedimentary deposits in western Amazônia, Brazil: Consequences for the paleodrainage of the Solimões-Amazonas River. Sedimentary Geology, 2013, 296, 9-20.	1.0	27
75	Provenance of metasedimentary rocks from the Ceará Central Domain of Borborema Province, NE Brazil: implications for the significance of associated retrograded eclogites. Journal of South American Earth Sciences, 2015, 58, 82-99.	0.6	27
76	The Chapada Cu-Au deposit, Mara Rosa magmatic arc, Central Brazil: Constraints on the metallogenesis of a Neoproterozoic large porphyry-type deposit. Ore Geology Reviews, 2016, 72, 1-21.	1.1	27
77	Magmatismo há ca. 660 - 640 Ma no Domínio Socorro: registros de convergência pr-colisional na aglutinação do Gondwana Ocidental. Geologia USP - Serie Científica, 2003, 3, 85-96.	0.1	26
78	U-Pb and Sm-Nd constraints on the nature of the Campinorte sequence and related Palaeoproterozoic juvenile orthogneisses, Tocantins Province, central Brazil. Geological Society Special Publication, 2009, 323, 255-269.	0.8	26
79	Behavior of metallurgical zinc contamination in coastal environments: A survey of Zn from electroplating wastes and partitioning in sediments. Science of the Total Environment, 2020, 743, 140610.	3.9	26
80	Mississippian volcanism in the south-central Andes: New U-Pb SHRIMP zircon geochronology and whole-rock geochemistry. Gondwana Research, 2011, 19, 524-534.	3.0	25
81	The peraluminous Aurumina Granite Suite in central Brazil: An example of mantle-continental crust interaction in a Paleoproterozoic cordilleran hinterland setting?. Precambrian Research, 2017, 299, 75-100.	1.2	25
82	A Neoproterozoic hyper-extended margin associated with Rodinia's demise and Gondwana's build-up: The Araguaia Belt, central Brazil. Gondwana Research, 2019, 66, 43-62.	3.0	24
83	Amazon forest dynamics under changing abiotic conditions in the early Miocene (Colombian) Tj ETQq1 1 0.784314 rgBT / Overlock 10 T	1.4	23
84	Arc accretion and crustal reworking from late Archean to Neoproterozoic in Northeast Brazil. Scientific Reports, 2020, 10, 7855.	1.6	23
85	Petrology of the Luingo caldera (SE margin of the Puna plateau): A middle Miocene window of the arc-back arc configuration. Journal of Volcanology and Geothermal Research, 2011, 200, 171-191.	0.8	22
86	Geochemistry and origin of the early Mesoproterozoic mangerite-charnockite-rapakivi granite association of the Serra da Providência suite and associated gabbros, central-eastern Rondônia, SW Amazonian Craton, Brazil. Journal of South American Earth Sciences, 2013, 45, 166-193.	0.6	22
87	Chapter 2 The Amazonian Palaeocontinent. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 15-28.	0.2	21
88	Provenance of the Neoproterozoic high-grade metasedimentary rocks of the arc-related Oriental Terrane of the Ribeira belt: Implications for Gondwana amalgamation. Journal of South American Earth Sciences, 2015, 63, 260-278.	0.6	21
89	Hydrothermal alteration related to a deep mantle source controlled by a Cambrian intracontinental strike-slip fault: Evidence for the Meruoca felsic intrusion associated with the Transbraziliano Lineament, Northeastern Brazil. Journal of South American Earth Sciences, 2013, 43, 33-41.	0.6	20
90	Provenance record of late Maastrichtian-late Palaeocene Andean Mountain building in the Amazonian retroarc foreland basin (Madre de Dios basin, Peru). Terra Nova, 2018, 30, 17-23.	0.9	20

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91	Dating Gondwanan continental crust at the Rio Grande Rise, South Atlantic. <i>Terra Nova</i> , 2019, 31, 424-429.	0.9	20
92	Statherian-Calymmian (ca. 1.6 Ga) magmatism in the Alto Moxot Terrane, Borborema Province, northeast Brazil: Implications for within-plate and coeval collisional tectonics in West Gondwana. <i>Journal of South American Earth Sciences</i> , 2019, 91, 116-130.	0.6	20
93	U-Pb and Lu-Hf isotope systematics on detrital zircon from the southern So Francisco Craton's Neoproterozoic passive margin: Tectonic implications. <i>Journal of South American Earth Sciences</i> , 2020, 100, 102539.	0.6	20
94	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> , 2021, 11, 20010.	1.6	20
95	Stable (C, O) and radiogenic (Sr, Nd) isotopes of carbonates as indicators of magmatic and post-magmatic processes of phoscorite-series rocks and carbonatites from Catalo I, central Brazil. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 451-464.	1.2	19
96	1.57 Ga protolith age of the Neoproterozoic Forquilha eclogites, Borborema Province, NE-Brazil, constrained by U Pb, Hf and Nd isotopes. <i>Journal of South American Earth Sciences</i> , 2015, 58, 210-222.	0.6	19
97	The Northern Braslia Belt. <i>Regional Geology Reviews</i> , 2017, , 205-220.	1.2	19
98	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> , 2019, 90, 54-69.	0.6	19
99	Two generations of mafic dyke swarms in the Southeastern Brazilian coast: reactivation of structural lineaments during the gravitational collapse of the Araua-Ribeira Orogen (500 Ma) and West Gondwana breakup (140 Ma). <i>Precambrian Research</i> , 2020, 340, 105344.	1.2	19
100	Geology, petrology and geochemistry of the Americano do Brasil layered intrusion, central Brazil, and its Ni Cu sulfide deposits. <i>Mineralium Deposita</i> , 2011, 46, 57-90.	1.7	17
101	Isotopic age constraints and geochemical results of disseminated ophiolitic assemblage from Neoproterozoic mlange, central Brazil. <i>Precambrian Research</i> , 2020, 339, 105581.	1.2	17
102	Paleoproterozoic granitoids from the northern limit of the Archean Amap block (Brazil), southeastern Guyana Shield: Pb Pb evaporation in zircons and Sm Nd geochronology. <i>Journal of South American Earth Sciences</i> , 2013, 45, 97-116.	0.6	16
103	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> , 2021, 101, 313-325.	3.2	16
104	Contributions to the petrography, geochemistry and geochronology (U-Pb and Sm-Nd) of the Paleoproterozoic effusive rocks from Iricoum Group, Amazonian Craton, Brazi. <i>Brazilian Journal of Geology</i> , 2014, 44, 121-138.	0.3	16
105	Provenance of quaternary and modern alluvial deposits of the Amazonian floodplain (Brazil) inferred from major and trace elements and Pb Nd Sr isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 411, 144-154.	1.0	15
106	A magmatic barcode for the So Francisco Craton: Contextual in-situ SHRIMP U Pb baddeleyite and zircon dating of the Lavras, Par de Minas and Formiga dyke swarms and implications for Columbia and Rodinia reconstructions. <i>Lithos</i> , 2020, 374-375, 105708.	0.6	15
107	Archean and Paleoproterozoic crustal evolution and evidence for cryptic Paleoproterozoic-Hadean sources of the NW So Francisco Craton, Brazil: Lithochemistry, geochronology, and isotope systematics of the Cristalndia do Piau-Block. <i>Gondwana Research</i> , 2020, 88, 268-295.	3.0	15
108	Tonian island arc remnants in the northern Ribeira orogen of Western Gondwana: The Caxixe batholith (Esprito Santo, SE Brazil). <i>Precambrian Research</i> , 2020, 351, 105944.	1.2	15

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109	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
110	Trans-alkaline magmatism in the Serrinha-Pedro Velho Complex, Borborema Province, NE Brazil and its correlations with the magmatism in eastern Nigeria. <i>Gondwana Research</i> , 2009, 15, 98-110.	3.0	14
111	Geochemistry of Jamari complex, central-eastern Rondônia: Andean-type magmatic arc and Paleoproterozoic crustal growth of the southwestern Amazonian Craton, Brazil. <i>Journal of South American Earth Sciences</i> , 2013, 46, 35-62.	0.6	14
112	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> , 2017, 79, 307-325.	0.6	14
113	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> , 2018, 85, 278-297.	0.6	14
114	High-pressure metamorphic rocks in the Borborema Province, Northeast Brazil: Reworking of Archean oceanic crust during proterozoic orogenies. <i>Geoscience Frontiers</i> , 2020, 11, 2221-2242.	4.3	14
115	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> , 2020, 50, .	0.3	14
116	U-Pb and Sm-Nd geochronology of amphibolites from the Curaçá Belt, São Francisco Craton, Brazil: Tectonic implications. <i>Gondwana Research</i> , 2007, 12, 454-467.	3.0	13
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