Ricardo I.F. Trindade

List of Publications by Year
in descending order

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173 papers	5,345 citations	66315 42 h-index	114418 63 g-index
181 all docs	181 docs citations	181 times ranked	3486 citing authors

#	Article	IF	Citations
1	Revisiting Alice Boer: Site formation processes and dating issues of a supposedly preâ€Clovis site in Southeastern Brazil. Geoarchaeology - an International Journal, 2022, 37, 32-58.	0.7	6
2	Unraveling one billion years of geological evolution of the southeastern Amazonia Craton from detrital zircon analyses. Geoscience Frontiers, 2022, 13, 101202.	4.3	4
3	Molecular dating of the blood pigment hemocyanin provides new insight into the origin of animals. Geobiology, 2022, 20, 333-345.	1.1	5
4	Mid-Cretaceous marine Os isotope evidence for heterogeneous cause of oceanic anoxic events. Nature Communications, 2022, 13, 239.	5.8	37
5	Stalagmite paleomagnetic record of a quiet mid-to-late Holocene field activity in central South America. Nature Communications, 2022, 13, 1349.	5.8	4
6	Sedimentary and tectonic breccias at the base of the Ediacaran Tamengo Formation (CorumbÃ¡ Group): a comparative study. Brazilian Journal of Geology, 2022, 52, .	0.3	2
7	Astronomical tuning of the Aptian stage and its implications for age recalibrations and paleoclimatic events. Nature Communications, 2022, 13, .	5.8	16
8	A large epeiric methanogenic BambuÃ-sea in the core of Gondwana supercontinent?. Geoscience Frontiers, 2021, 12, 203-218.	4.3	23
9	Multi-proxy case study of a Neoproterozoic rhyolite flow in southernmost Brazil: Emplacement mechanisms and implications for ancient felsic lavas. Journal of South American Earth Sciences, 2021, 107, 102982.	0.6	10
10	New constraints for paleogeographic reconstructions at ca. 1.88ÂGa from geochronology and paleomagnetism of the CarajÃ¡s dyke swarm (eastern Amazonia). Precambrian Research, 2021, 353, 106039.	1.2	12
11	High-Resolution Environmental Magnetism Using the Quantum Diamond Microscope (QDM): Application to a Tropical Speleothem. Frontiers in Earth Science, 2021, 8, .	0.8	9
12	Geomagnetic reversals at the edge of regularity. Physical Review Research, 2021, 3, .	1.3	5
13	Non-monotonic growth and motion of the South Atlantic Anomaly. Earth, Planets and Space, 2021, 73, .	0.9	15
14	Magnetic Mineralogy of Speleothems From Tropical-Subtropical Sites of South America. Frontiers in Earth Science, 2021, 9, .	0.8	4
15	PM2.5 Magnetic Properties in Relation to Urban Combustion Sources in Southern West Africa. Atmosphere, 2021, 12, 496.	1.0	6
16	Determining the style and provenance of magmatic activity during the Early Aptian Oceanic Anoxic Event (OAE 1a). Global and Planetary Change, 2021, 200, 103461.	1.6	33
17	Tectonically-induced strontium isotope changes in ancient restricted seas: The case of the Ediacaran-Cambrian BambuÃ-foreland basin system, east Brazil. Gondwana Research, 2021, 93, 275-290.	3.0	8
18	Long-term Aptian marine osmium isotopic record of Ontong Java Nui activity. Geology, 2021, 49, 1148-1152.	2.0	10

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19	Editorial: Advances in Magnetism of Soils and Sediments. Frontiers in Earth Science, 2021, 9, .	0.8	0
20	Long-lived intracontinental deformation associated with high geothermal gradients in the SeridÃ³ Belt (Borborema Province, Brazil). Precambrian Research, 2021, 358, 106141.	1.2	9
21	West Africa in Rodinia: High quality paleomagnetic pole from theÂ~Â860ÂMa Manso dyke swarm (Ghana). Gondwana Research, 2021, 94, 28-43.	3.0	13
22	Formation Processes of the Late Pleistocene Site Toca da Janela da Barra do AntoniÃ£o â€“ PiauÃ-(Brazil). PaleoAmerica, 2021, 7, 260-279.	0.4	6
23	Constraining the Cambrian drift of Gondwana with new paleomagnetic data from post-collisional plutons of the AraÂ§uaÃ-orogen, SE Brazil. Precambrian Research, 2021, 359, 106212.	1.2	5
24	Magnetic anisotropy of an ancient volcanic system: Flow dynamics of post-collisional Ediacaran volcanism in southernmost Brazil. Precambrian Research, 2021, 359, 106209.	1.2	4
25	New high-quality paleomagnetic data from the Borborema Province (NE Brazil): Refinement of the APW path of Gondwana in the Early Cambrian. Precambrian Research, 2021, 360, 106243.	1.2	5
26	Building an inversely zoned post-orogenic intrusion in the Neoproterozoic-Cambrian AraÃ§uaÃ-orogen (Brazil). Journal of Structural Geology, 2021, 149, 104401.	1.0	3
27	Cryogenian glaciostatic and eustatic fluctuations and massive Marinoan-related deposition of Fe and Mn in the Urucum District, Brazil. Geology, 2021, 49, 1478-1483.	2.0	13
28	Evolution of a key enzyme of aerobic metabolism reveals Proterozoic functional subunit duplication events and an ancient origin of animals. Scientific Reports, 2021, 11, 15744.	1.6	4
29	AMS and rock magnetism in the Caviahue-Copahue Volcanic Complex (Southern Andes): Emission center, flow dynamics, and implications to the emplacement of non-welded PDCs. Journal of Volcanology and Geothermal Research, 2021, 416, 107283.	0.8	4
30	The Nitrogen Cycle in an Epeiric Sea in the Core of Gondwana Supercontinent: A Study on the Ediacaran-Cambrian BambuÃ-Group, East-central Brazil. Frontiers in Earth Science, 2021, 9, .	0.8	2
31	Low paleolatitude of the CarajÃ¡s Basin atÂâ^¼2.75 Ga: Paleomagnetic evidence from basaltic flows in Amazonia. Precambrian Research, 2021, 365, 106411.	1.2	3
32	The Precambrian drift history and paleogeography of Congoâ^'SÃ£o Francisco craton. , 2021, , 445-464.		4
33	An expanding list of reliable paleomagnetic poles for Precambrian tectonic reconstructions. , 2021, , 605-639.		21
34	The Precambrian drift history and paleogeography of Amazonia. , 2021, , 207-241.		10
35	Paleosecular Variation and the Timeâ€Averaged Geomagnetic Field Since 10ÂMa. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC010063.	1.0	9
36	Diamictitic iron formation (DIF) deposits of the Neoproterozoic Nova Aurora Iron District (MacaÃºbas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	7

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37	Diverse vase-shaped microfossils within a Cryogenian glacial setting in the Urucum Formation (Brazil). Precambrian Research, 2021, 367, 106470.	1.2	5
38	Imaging the roots of a post-collisional pluton: Implications for the voluminous Cambrian magmatism in the AraÃ§uaÃ-orogen (Brazil). Tectonophysics, 2021, 821, 229146.	0.9	4
39	Doushantuo-Pertatatakaâ€"Like Acritarchs From the Late Ediacaran Bocaina Formation (CorumbÃ¡) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	7
40	Mineralogical control on the magnetic anisotropy of lavas and ignimbrites: a case study in the Caviahue-Copahue field (Argentina). Geophysical Journal International, 2020, 220, 821-838.	1.0	11
41	Rare earth elements in the terminal Ediacaran BambuÃ-Group carbonate rocks (Brazil): evidence for high seawater alkalinity during rise of early animals. Precambrian Research, 2020, 336, 105506.	1.2	20
42	The RibeirÃ£o da Folha ophiolite-bearing accretionary wedge (AraÃ§uaÃ-orogen, SE Brazil): New data for Cryogenian plagiogranite and metasedimentary rocks. Precambrian Research, 2020, 336, 105522.	1.2	47
43	Paleomagnetism of 1.79ÂGa ParÃ¡ de Minas mafic dykes: Testing a SÃ£o Francisco/Congo-North China-Rio de la Plata connection in Columbia. Precambrian Research, 2020, 338, 105584.	1.2	23
44	The response of a dune succession from LenÃ§Ã³is Maranhenses, NE Brazil, to climate changes between MIS 3 and MIS 2. Quaternary International, 2020, 537, 97-111.	0.7	4
45	Emplacement dynamics of alkaline volcanic and subvolcanic rocks in Trindade Island, Brazil. Journal of Volcanology and Geothermal Research, 2020, 406, 107078.	0.8	7
46	Magnetic Properties of Ferritchromite and Crâ€Magnetite and Monitoring of Crâ€Spinels Alteration in Ultramafic and Mafic Rocks. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009227.	1.0	5
47	Magnetic Fabric and Geochronology of a Cambrian â€œIsotropicâ€•Pluton in the Neoproterozoic AraÃ§uaÃ-Orogen. Tectonics, 2020, 39, e2019TC005877.	1.3	11
48	Nanoscale 3D quantitative imaging of 1.88 Ga Gunflint microfossils reveals novel insights into taphonomic and biogenic characters. Scientific Reports, 2020, 10, 8163.	1.6	18
49	Evidence for crisis-induced intermittency during geomagnetic superchron transitions. Physical Review E, 2020, 101, 022206.	0.8	5
50	The Moroccan Anti-Atlas ophiolites: Timing and melting processes in an intra-oceanic arc-back-arc environment. Gondwana Research, 2020, 86, 182-202.	3.0	28
51	The Inventory of the Geological and Paleontological Sites in the Area of the Aspirant Geopark Bodoquena-Pantanal in Brazil. Geoheritage, 2020, 12, 1.	1.5	12
52	Spatial-temporal variability of metal pollution across an industrial district, evidencing the environmental inequality in SÃ£o Paulo. Environmental Pollution, 2020, 263, 114583.	3.7	14
53	Sedimentary facies, fossil distribution and depositional setting of the late Ediacaran Tamengo Formation (Brazil). Sedimentology, 2020, 67, 3422-3450.	1.6	15
54	Magnetic matrix effects on NMR relaxation times in sandstones: A case study in SolimÃµes Basin. Journal of Applied Geophysics, 2020, 179, 104081.	0.9	5

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55	Characterization of volcanic structures associated to the silicic magmatism of the ParanÃ¡-Etendeka Province, in the Aparados da Serra region, southern Brazil. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20180981.	0.3	3
56	Isotope stratigraphy of Precambrian sedimentary rocks from Brazil: Keys to unlock Earth's hydrosphere, biosphere, tectonic, and climate evolution. Stratigraphy & Timescales, 2019, , 73-132.	0.2	3
57	Sequence stratigraphy and chemostratigraphy of an Ediacaran-Cambrian foreland-related carbonate ramp (BambuÃ-Group, Brazil). Precambrian Research, 2019, 331, 105365.	1.2	20
58	Nuclear magnetic resonance characterization of porosity-preserving microcrystalline quartz coatings in Fontainebleau sandstones. AAPG Bulletin, 2019, 103, 2117-2137.	0.7	5
59	New archeointensity data from South Brazil and the influence of the South Atlantic Anomaly in South America. Earth and Planetary Science Letters, 2019, 512, 124-133.	1.8	7
60	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
61	Revisiting the paleomagnetism of the Neoarchean UauÃ¡ mafic dyke swarm, Brazil: Implications for Archean supercratons. Precambrian Research, 2019, 329, 108-123.	1.2	16
62	THE BOU AZZER AND SIRWA OPHIOLITES (ANTI-ATLAS, MOROCCO): INSIGHT INTO POLYPHASED SUBDUCTION-ACCRETION DYNAMICS DURING NEOPROTEROZOIC TIMES. , 2019, , .		1
63	Fossil black smoker yields oxygen isotopic composition of Neoproterozoic seawater. Nature Communications, 2018, 9, 1453.	5.8	32
64	Quantitative interpretation of the magnetic susceptibility frequency dependence. Geophysical Journal International, 2018, 213, 805-814.	1.0	8
65	Tracing final Gondwana assembly: Age and provenance of key stratigraphic units in the southern Paraguay Belt, Brazil. Precambrian Research, 2018, 307, 1-33.	1.2	22
66	AMS fabrics and emplacement model of ButiÃ¡ Granite, an Ediacaran syntectonic peraluminous granite from southernmost Brazil. Journal of South American Earth Sciences, 2018, 87, 25-41.	0.6	12
67	Shrimp zircon geochronology constrains on Permian pyroclastic levels, ClaromecÃ³ Basin, South West margin of Gondwana, Argentina. Journal of South American Earth Sciences, 2018, 85, 191-208.	0.6	23
68	Continuous millennial decrease of the Earthâ€™s magnetic axial dipole. Physics of the Earth and Planetary Interiors, 2018, 274, 72-86.	0.7	26
69	Speleothem record of geomagnetic South Atlantic Anomaly recurrence. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13198-13203.	3.3	24
70	Bone Immune Response to Materials, Part I: Titanium, PEEK and Copper in Comparison to Sham at 10 Days in Rabbit Tibia. Journal of Clinical Medicine, 2018, 7, 526.	1.0	48
71	Nuclear Magnetic Resonance and Pore Coupling in Clay-Coated Sandstones With Anomalous Porosity Preservation, Agua Grande Formation, Reconcavo Basin, Brazil. Petrophysics, 2018, 59, 136-152.	0.2	5
72	Paleomagnetic study of an historical lava flow from the Llaima volcano, Chile. Journal of South American Earth Sciences, 2017, 77, 141-149.	0.6	3

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73	Turmoil before the boring billion: Paleomagnetism of the 1880â€“1860 Ma UatumÃ£ event in the Amazonian craton. Gondwana Research, 2017, 49, 106-129.	3.0	41
74	Relating the South Atlantic Anomaly and geomagnetic flux patches. Physics of the Earth and Planetary Interiors, 2017, 266, 39-53.	0.7	42
75	Paleoproterozoic Geomagnetic Field Strength From the Avanavero Mafic Sills, Amazonian Craton, Brazil. Geochemistry, Geophysics, Geosystems, 2017, 18, 3891-3903.	1.0	11
76	Ichnological evidence for meiofaunal bilaterians from the terminal Ediacaran and earliest Cambrian of Brazil. Nature Ecology and Evolution, 2017, 1, 1455-1464.	3.4	95
77	Unusual massive magnetite veins and highly altered Cr-spinels as relics of a Cl-rich acidic hydrothermal event in Neoproterozoic serpentinites (Bou Azzer ophiolite, Anti-Atlas, Morocco). Precambrian Research, 2017, 300, 151-167.	1.2	40
78	Emplacement and deformation of the A-type Madeira granite (Amazonian Craton, Brazil). Lithos, 2017, 277, 284-301.	0.6	2
79	Tracking connection and restriction of West Gondwana SÃ£o Francisco Basin through isotope chemostratigraphy. Gondwana Research, 2017, 42, 280-305.	3.0	42
80	Paleomagnetism of the Amazonian Craton and its role in paleocontinents. Brazilian Journal of Geology, 2016, 46, 275-299.	0.3	45
81	Response: Commentary: Is the Neoproterozoic oxygen burst a supercontinent legacy?. Frontiers in Earth Science, 2016, 4, .	0.8	0
82	Using archaeomagnetic field models to constrain the physics of the core: robustness and preferred locations of reversed flux patches. Geophysical Journal International, 2016, 206, 1890-1913.	1.0	23
83	Archeomagnetism of Jesuit Missions in South Brazil (1657â€“1706 AD) and assessment of the South American database. Earth and Planetary Science Letters, 2016, 445, 36-47.	1.8	24
84	Centennial-scale solar forcing of the South American Monsoon System recorded in stalagmites. Scientific Reports, 2016, 6, 24762.	1.6	71
85	Paleogeography of the Congo/SÃ£o Francisco craton at 1.5Ga: Expanding the core of Nuna supercontinent. Precambrian Research, 2016, 286, 195-212.	1.2	30
86	Multiple sulfur isotope evidence for massive oceanic sulfate depletion in the aftermath of Snowball Earth. Nature Communications, 2016, 7, 12192.	5.8	15
87	Linking speleothem and soil magnetism in the Pau d'Alho cave (central South America). Journal of Geophysical Research: Solid Earth, 2016, 121, 7024-7039.	1.4	24
88	Reassessment of AguapeÃ-(Salto do CÃ©u) paleomagnetic pole, Amazonian Craton and implications for Proterozoic supercontinents. Precambrian Research, 2016, 272, 1-17.	1.2	17
89	Return to Rodinia? Moderate to high palaeolatitude of the SÃ£o Francisco/Congo craton at 920 Ma. Geological Society Special Publication, 2016, 424, 167-190.	0.8	43
90	The time dependence of reversed archeomagnetic flux patches. Journal of Geophysical Research: Solid Earth, 2015, 120, 691-704.	1.4	29

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91	Preliminary data of magnetic susceptibility and geomagnetic field variations from sediment records of Lagoa dos Patos, Rio Grande do Sul State, Brazil. , 2015, , .		0
92	Is the Neoproterozoic oxygen burst a supercontinent legacy?. Frontiers in Earth Science, 2015, 3, .	0.8	6
93	Age and provenance of the Cryogenian to Cambrian passive margin to foreland basin sequence of the northern Paraguay Belt, Brazil. Bulletin of the Geological Society of America, 2015, 127, 76-86.	1.6	47
94	Aragonite Crystal Fans In Neoproterozoic Cap Carbonates: A Case Study From Brazil and Implications For the Post-Snowball Earth Coastal Environment. Journal of Sedimentary Research, 2015, 85, 285-300.	0.8	26
95	New evidence of an Ediacaran age for the BambuÃ-Group in southern SÃ£o Francisco craton (eastern) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	74
96	Hydrothermal alteration in basalts from VargeÃ£o impact structure, south Brazil, and implications for recognition of impact-induced hydrothermalism on Mars. Icarus, 2015, 252, 347-365.	1.1	16
97	Investigating midâ€Ediacaran glaciation and final Gondwana amalgamation using coupled sedimentology and ⁴⁰Ar/ ³⁹Ar detrital muscovite provenance from the Paraguay Belt, Brazil. Sedimentology, 2015, 62, 130-154.	1.6	29
98	Origin of increased terrigenous supply to the NE South American continental margin during Heinrich Stadial 1 and the Younger Dryas. Earth and Planetary Science Letters, 2015, 432, 493-500.	1.8	65
99	Hydrothermally-induced changes in mineralogy and magnetic properties of oxidized A-type granites. Lithos, 2015, 212-215, 145-157.	0.6	22
100	Paleoenvironmental reconstruction of the Ediacaran Araras platform (Western Brazil) from the sedimentary and trace metals record. Precambrian Research, 2014, 241, 185-202.	1.2	20
101	Towards Columbia: Paleomagnetism of 1980â€“1960Ma Surumu volcanic rocks, Northern Amazonian Craton. Precambrian Research, 2014, 244, 123-138.	1.2	36
102	Palaeomagnetism of the Permo-Triassic Araguainha impact structure (Central Brazil) and implications for Pangean reconstructions. Geophysical Journal International, 2014, 198, 154-163.	1.0	10
103	Enhanced primary productivity and magnetotactic bacterial production in response to middle Eocene warming in the Neo-Tethys Ocean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 32-45.	1.0	37
104	Was there SAMBA in Columbia? Paleomagnetic evidence from 1790Ma Avanavero mafic sills (northern) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	52
105	Magnetic fingerprint of the late Holocene inception of the RÃo de la Plata plume onto the southeast Brazilian shelf. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 415, 183-196.	1.0	15
106	Ocean redox structure across the Late Neoproterozoic Oxygenation Event: A nitrogen isotope perspective. Earth and Planetary Science Letters, 2014, 396, 1-13.	1.8	119
107	Comment on "Was there an Ediacaran Clymene Ocean in central South America?" By U. G. Cordani and others. Numerische Mathematik, 2014, 314, 805-813.	0.7	22
108	Aeromagnetic and physical-chemical properties of some complexes from GoiÃ¡s Alkaline Province. Brazilian Journal of Geology, 2014, 44, 361-373.	0.3	6

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109	Shaking a methane fizz: Seismicity from the Araguainha impact event and the Permianâ€“Triassic global carbon isotope record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 387, 66-75.	1.0	28
110	The La Tinta pole revisited: Paleomagnetism of the Neoproterozoic Sierras Bayas Group (Argentina) and its implications for Gondwana and Rodinia. Precambrian Research, 2013, 224, 51-70.	1.2	29
111	Detrital zircon ages and geochronological constraints on the Neoproterozoic Puga diamictites and associated BIFs in the southern Paraguay Belt, Brazil. Gondwana Research, 2013, 23, 988-997.	3.0	55
112	In situ U/Pb dating of impactâ€produced zircons from the VargeÃ£o Dome (Southern Brazil). Meteoritics and Planetary Science, 2013, 48, 420-431.	0.7	15
113	A Glacially Incised Canyon in Brazil: Further Evidence for Mid-Ediacaran Glaciation?. Journal of Geology, 2013, 121, 275-287.	0.7	18
114	The coolingâ€rate effect on microwave archeointensity estimates. Geophysical Research Letters, 2013, 40, 3847-3852.	1.5	13
115	The Earth's magnetic field prior to the Cretaceous Normal Superchron: new palaeomagnetic results from the Alto Paraguay Formation. International Geology Review, 2013, 55, 692-704.	1.1	4
116	Episodic Remagnetizations related to tectonic events and their consequences for the South America Polar Wander Path. Geological Society Special Publication, 2012, 371, 55-87.	0.8	20
117	Tectonic implications of the 1419Ma Nova Guarita mafic intrusives paleomagnetic pole (Amazonian) Tj ETQq1 1 0.784314 rgBT /Over	1.2	46
118	Magnetic fabric of Araguainha complex impact structure (Central Brazil): Implications for deformation mechanisms and central uplift formation. Earth and Planetary Science Letters, 2012, 331-332, 347-359.	1.8	13
119	Geochronological constraints on the age of a Permoâ€“Triassic impact event: Uâ€“Pb and 40Ar/39Ar results for the 40km Araguainha structure of central Brazil. Geochimica Et Cosmochimica Acta, 2012, 86, 214-227.	1.6	74
120	The 1420Ma IndiavaÃ-Mafic Intrusion (SW Amazonian Craton): Paleomagnetic results and implications for the Columbia supercontinent. Gondwana Research, 2012, 22, 956-973.	3.0	52
121	Sedimentological and provenance response to Cambrian closure of the Clymene ocean: The upper Alto Paraguai Group, Paraguay belt, Brazil. Gondwana Research, 2012, 21, 323-340.	3.0	37
122	Neoproterozoic glacial deposits from the AraÃ§uaÃ-orogen, Brazil: Age, provenance and correlations with the SÃ£o Francisco craton and West Congo belt. Gondwana Research, 2012, 21, 451-465.	3.0	87
123	G'day Gondwana â€" the final accretion of a supercontinent: Uâ€“Pb ages from the post-orogenic SÃ£o Vicente Granite, northern Paraguay Belt, Brazil. Gondwana Research, 2012, 21, 316-322.	3.0	46
124	Assembling two easy pieces: the geology of western Gondwana and plate tectonic theory - An introduction to the special volume. Gondwana Research, 2012, 21, 311-315.	3.0	8
125	Rock magnetism of hematitic â€œbombsâ€•from the Araguainha impact structure, Brazil. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	1.0	8
126	New historical archeointensity data from Brazil: Evidence for a large regional non-dipole field contribution over the past few centuries. Earth and Planetary Science Letters, 2011, 306, 66-76.	1.8	45

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127	Paleomagnetism and 40Ar/39Ar geochronology of the high-grade metamorphic rocks of the JequiÃ© block, SÃ£o Francisco Craton: Atlantica, Ur and beyond. Precambrian Research, 2011, 185, 183-201.	1.2	31
128	Paleomagnetismo da sucessÃ£o vulcanogÃªnica do Grupo Surumu (PaleoproterozÃ³ico do CrÃ¡ton) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		0
129	A carbon isotope challenge to the snowball Earth. Nature, 2011, 478, 93-96.	13.7	74
130	Magnetic anisotropy of the RedenÃ§Ã£o granite, eastern Amazonian craton (Brazil): Implications for the emplacement of A-type plutons. Tectonophysics, 2010, 493, 27-41.	0.9	28
131	Archeointensity in Northeast Brazil over the past five centuries. Earth and Planetary Science Letters, 2010, 296, 340-352.	1.8	47
132	Fast or slow melting of the Marinoan snowball Earth? The cap dolostone record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 295, 215-225.	1.0	50
133	Closing the Clymene ocean and bending a Brasiliano belt: Evidence for the Cambrian formation of Gondwana, southeast Amazon craton. Geology, 2010, 38, 267-270.	2.0	99
134	The position of the Amazonian Craton in supercontinents. Gondwana Research, 2009, 15, 396-407.	3.0	208
135	A palaeomagnetic and⁴⁰Ar/³⁹Ar study of late precambrian sills in the SW part of the Amazonian craton: Amazonia in the Rodinia reconstruction. Geophysical Journal International, 2009, 178, 106-122.	1.0	33
136	Paleointensity data from Early Cretaceous Ponta Grossa dikes (Brazil) using a multisample method. Earth, Planets and Space, 2009, 61, 41-49.	0.9	7
137	First archeointensity results from Portuguese potteries (1550-1750 AD). Earth, Planets and Space, 2009, 61, 93-100.	0.9	14
138	A multilayered water column in the Ediacaran Yangtze platform? Insights from carbonate and organic matter paired Î´13C. Earth and Planetary Science Letters, 2009, 288, 213-227.	1.8	109
139	Absolute Thellier paleointensities from Ponta Grossa dikes (southern Brazil) and the early Cretaceous geomagnetic field strength. Geofisica International, 2009, 48, 243-252.	0.2	7
140	The continental record of Ediacaran volcanoâ€sedimentary successions in southern Brazil and their global implications. Terra Nova, 2008, 20, 259-266.	0.9	50
141	Columbia revisited: Paleomagnetic results from the 1790Ma colider volcanics (SW Amazonian Craton,) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	66
142	A late Neoproterozoic paleomagnetic pole for the Congo craton: Tectonic setting, paleomagnetism and geochronology of the Nola dike swarm (Central African Republic). Precambrian Research, 2008, 164, 214-226.	1.2	44
143	Direct dating of paleomagnetic results from Precambrian sediments in the Amazon craton: Evidence for Grenvillian emplacement of exotic crust in SE Appalachians of North America. Earth and Planetary Science Letters, 2008, 267, 188-199.	1.8	58
144	Structural evolution of the 40 km wide Araguainha impact structure, central Brazil. Meteoritics and Planetary Science, 2008, 43, 701-716.	0.7	30

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145	Insights into the morphology, geometry, and post-impact erosion of the Araguainha peak-ring structure, central Brazil. Bulletin of the Geological Society of America, 2007, 119, 1135-1150.	1.6	30
146	Carbon and strontium isotope fluctuations and paleoceanographic changes in the late Neoproterozoic Araras carbonate platform, southern Amazon craton, Brazil. Chemical Geology, 2007, 237, 168-190.	1.4	81
147	Identification of a Sturtian cap carbonate in the Neoproterozoic Sete Lagoas carbonate platform, BambuÃ-Group, Brazil. Comptes Rendus - Geoscience, 2007, 339, 240-258.	0.4	67
148	Palaeolatitude of glacial deposits and palaeogeography of Neoproterozoic ice ages. Comptes Rendus - Geoscience, 2007, 339, 200-211.	0.4	59
149	LTD-Thellier paleointensity of 1.2 Ga Nova Floresta mafic rocks (Amazon craton). Geophysical Research Letters, 2007, 34, .	1.5	7
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