Marcelo Belentani de Bianchi

List of Publications by Year
in descending order

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28 papers	867 citations	471477 17 h-index	477281 29 g-index
32 all docs	32 docs citations	32 times ranked	930 citing authors

#	Article	IF	Citations
1	Highâ€Frequency (6ÂHz) PKPab Precursors and Their Sensitivity to Deep Earth Heterogeneity. Geophysical Research Letters, 2021, 48, e2020GL89203.	4.0	4
2	Ambient seismic noise tomography in west-central and Southern Brazil, characterizing the crustal structure of the Chaco-ParanÃ¡, Pantanal and ParanÃ¡ basins. Geophysical Journal International, 2020, 220, 2074-2085.	2.4	8
3	Detailed Structure of the Subducted Nazca Slab into the Lower Mantle Derived From Continentâ€Scale Teleseismic P Wave Tomography. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB017884.	3.4	31
4	Using Seismic Noise Levels to Monitor Social Isolation: An Example From Rio de Janeiro, Brazil. Geophysical Research Letters, 2020, 47, e2020GL088748.	4.0	23
5	Mantle dynamics of the Andean Subduction Zone from continent-scale teleseismic S-wave tomography. Geophysical Journal International, 2020, 224, 1553-1571.	2.4	10
6	Teleseismic P Wave Tomography Beneath the Pantanal, ParanÃ¡, and Chacoâ€ParanÃ¡ Basins, SE South America: Delimiting Lithospheric Blocks of the SW Gondwana Assemblage. Journal of Geophysical Research: Solid Earth, 2019, 124, 7120-7137.	3.4	13
7	An Updated Crustal Thickness Map of Central South America Based on Receiver Function Measurements in the Region of the Chaco, Pantanal, and ParanÃ¡ Basins, Southwestern Brazil. Journal of Geophysical Research: Solid Earth, 2019, 124, 8491-8505.	3.4	27
8	The intraplate MaranhÃ£o earthquake of 2017 January 3, northern Brazil: evidence for uniform regional stresses along the Brazilian equatorial margin. Geophysical Journal International, 2018, 213, 387-396.	2.4	14
9	The Brazilian Seismographic Network (RSBR): Improving Seismic Monitoring in Brazil. Seismological Research Letters, 2018, 89, 452-457.	1.9	40
10	Intraplate seismicity in mid-plate South America: correlations with geophysical lithospheric parameters. Geological Society Special Publication, 2017, 432, 73-90.	1.3	17
11	Earthquake source properties of a shallow induced seismic sequence in SE Brazil. Journal of Geophysical Research: Solid Earth, 2017, 122, 2784-2797.	3.4	13
12	Lithospheric Features of the SÃ£o Francisco Craton. Regional Geology Reviews, 2017, , 15-25.	1.2	12
13	Crustal structure of the Amazonian Craton and adjacent provinces in Brazil. Journal of South American Earth Sciences, 2017, 79, 431-442.	1.4	25
14	The tailings dam failure of 5 November 2015 in SE Brazil and its preceding seismic sequence. Geophysical Research Letters, 2016, 43, 4929-4936.	4.0	58
15	Estimation of the Crustal Bulk Properties Beneath Mainland Portugal from P-Wave Teleseismic Receiver Functions. Pure and Applied Geophysics, 2016, 173, 1949-1970.	1.9	14
16	Structure of the crust and the lithosphere beneath the southern Puna plateau from teleseismic receiver functions. Earth and Planetary Science Letters, 2014, 385, 1-11.	4.4	40
17	Scandinavia: A former Tibet?. Geochemistry, Geophysics, Geosystems, 2013, 14, 4479-4487.	2.5	25
18	Crustal thickness map of Brazil: Data compilation and main features. Journal of South American Earth Sciences, 2013, 43, 74-85.	1.4	95

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19	Teleseismic tomography of the southern Puna plateau in Argentina and adjacent regions. Tectonophysics, 2013, 586, 65-83.	2.2	76
20	Upper-lower crust thickness of the Borborema Province, NE Brazil, using Receiver Function. Journal of South American Earth Sciences, 2013, 42, 242-249.	1.4	11
21	Receiver function images of the base of the lithosphere in the Alboran Sea region. Geophysical Journal International, 2011, 187, 1019-1026.	2.4	18
22	Images of possible fossil collision structures beneath the Eastern Ghats belt, India, from P and S receiver functions. Lithosphere, 2010, 2, 84-92.	1.4	38
23	Study of the lithospheric and upper-mantle discontinuities beneath eastern Asia by SS precursors. Geophysical Journal International, 2010, 183, 252-266.	2.4	25
24	Seismic activity triggered by water wells in the ParanÃ¡ Basin, Brazil. Water Resources Research, 2010, 46, .	4.2	18
25	VariaÃ§Ãµes da estrutura da crosta, litosfera e manto para a plataforma Sul Americana atravÃ©s de funÃ§Ãµes do receptor para ondas P e S. Revista Brasileira De Geofisica, 2009, 27, 513-513.	0.2	9
26	Crustal thickness estimation beneath the southern central Andes at 30Â°S and 36Â°S fromSwave receiver function analysis. Geophysical Journal International, 2008, 174, 249-254.	2.4	48
27	An S receiver function analysis of the lithospheric structure in South America. Geophysical Research Letters, 2007, 34, .	4.0	96
28	Seismic studies of the BrasÃ¼a fold belt at the western border of the SÃ£o Francisco Craton, Central Brazil, using receiver function, surface-wave dispersion and teleseismic tomography. Tectonophysics, 2004, 388, 173-185.	2.2	55