

Marcelo Peres Rocha

List of Publications by Citations

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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.

22
papers

338
citations

9
h-index

18
g-index

25
ext. papers

422
ext. citations

2.7
avg, IF

3.25
L-index

#	Paper	IF	Citations
22	Intraplate seismicity in SE Brazil: stress concentration in lithospheric thin spots. <i>Geophysical Journal International</i> , 2004 , 159, 390-399	2.6	69
21	Upper-mantle seismic structure beneath SE and Central Brazil from P- and S-wave regional travelttime tomography. <i>Geophysical Journal International</i> , 2011 , 184, 268-286	2.6	51
20	Deep crustal structure of the Paran Basin from receiver functions and Rayleigh-wave dispersion: Evidence for a fragmented cratonic root. <i>Journal of Geophysical Research</i> , 2008 , 113,		48
19	Seismic studies of the Brasa fold belt at the western border of the S Francisco Craton, Central Brazil, using receiver function, surface-wave dispersion and teleseismic tomography. <i>Tectonophysics</i> , 2004 , 388, 173-185	3.1	39
18	The Brazilian Seismographic Network (RSBR): Improving Seismic Monitoring in Brazil. <i>Seismological Research Letters</i> , 2018 , 89, 452-457	3	29
17	Thin lithosphere between the Amazonian and S Francisco cratons, in central Brazil, revealed by seismic P-wave tomography. <i>Geophysical Journal International</i> , 2015 , 201, 61-69	2.6	16
16	Causes of intraplate seismicity in central Brazil from travel time seismic tomography. <i>Tectonophysics</i> , 2016 , 680, 1-7	3.1	14
15	Delimiting the Neoproterozoic S Francisco Paleocontinental Block with P-wave travelttime tomography. <i>Geophysical Journal International</i> , 2019 , 219, 633-644	2.6	13
14	Detailed Structure of the Subducted Nazca Slab into the Lower Mantle Derived From Continent-Scale Teleseismic P Wave Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB017884	3.6	13
13	Teleseismic P Wave Tomography Beneath the Pantanal, Paran and Chaco-Paran Basins, SE South America: Delimiting Lithospheric Blocks of the SW Gondwana Assemblage. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 7120-7137	3.6	9
12	Lithospheric Features of the S Francisco Craton. <i>Regional Geology Reviews</i> , 2017 , 15-25	2.5	7
11	The forensic geophysical controlled research site of the University of Brasilia, Brazil: Results from methods GPR and electrical resistivity tomography. <i>Forensic Science International</i> , 2018 , 293, 101.e1-101.e21	2.6	7
10	Mantle dynamics of the Andean Subduction Zone from continent-scale teleseismic S-wave tomography. <i>Geophysical Journal International</i> , 2020 , 224, 1553-1571	2.6	5
9	Study of iron deposit using seismic refraction and resistivity in Caraj Mineral Province, Brazil. <i>Journal of Applied Geophysics</i> , 2016 , 133, 116-122	1.7	5
8	Calibration of the local magnitude scale (M _L) for Peru. <i>Journal of Seismology</i> , 2017 , 21, 987-999	1.5	4
7	Lithospheric structure of the southern Amazonian Craton from multiple-frequency seismic tomography: Preliminary insights on tectonic and metallogenic implications. <i>Journal of South American Earth Sciences</i> , 2020 , 101, 102608	2	4
6	Scalable compression of multibeam echo sounder data 2017 ,		1

5	Identificaç� de embarca�s em imagens aerotransportadas de radar de abertura sint�tica (R-99 SAR) na �ea mar�tima do Brasil. <i>Boletim De Ciencias Geodesicas</i> , 2011 , 17, 458-475	1.1	1
4	Lithospheric Architecture of the Paranapanema Block and Adjacent Nuclei Using Multiple-Frequency P-Wave Seismic Tomography. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2020JB021183	3.6	1
3	Urban seismic monitoring in Bras�lia, Brazil. <i>PLoS ONE</i> , 2021 , 16, e0253610	3.7	1
2	An exotic Cretaceous kimberlite linked to metasomatized lithospheric mantle beneath the southwestern margin of the S�o Francisco Craton, Brazil. <i>Geoscience Frontiers</i> , 2022 , 13, 101281	6	1
1	Refrapy: A Python program for seismic refraction data analysis. <i>Computers and Geosciences</i> , 2022 , 159, 105020	4.5	0