

# J F Borges

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

597  
citations

840585

11  
h-index

642610

23  
g-index

44  
all docs

44  
docs citations

44  
times ranked

702  
citing authors

#	ARTICLE	IF	CITATIONS
1	GPR Clutter Reflection Noise-Filtering through Singular Value Decomposition in the Bidimensional Spectral Domain. <i>Remote Sensing</i> , 2021, 13, 2005.	1.8	8
2	Human Losses and Damage Expected in Future Earthquakes on Faial Island – Azores. <i>Pure and Applied Geophysics</i> , 2020, 177, 1831-1844.	0.8	6
3	Characterization of an Intraplate Seismogenic Zone Using Geophysical and Borehole Data: The Vila Franca de Xira Fault, Portugal. <i>Seismological Research Letters</i> , 2020, 91, 2287-2297.	0.8	1
4	Exploring the Consistency of Data Collected in Archaeological Geophysics: A Case Study from the Iron Age Hillfort of Villasviejas del Tamuja (Extremadura, Spain). <i>Remote Sensing</i> , 2020, 12, 1989.	1.8	4
5	Study of the PGV, Strong Motion and Intensity Distribution of the February 1969 (Ms 8.0) Offshore Cape St. Vincent (Portugal) Earthquake Using Synthetic Ground Velocities. <i>Pure and Applied Geophysics</i> , 2020, 177, 1809-1829.	0.8	4
6	Studying the Construction of Floor Mosaics in the Roman Villa of Pisões (Portugal) Using Noninvasive Methods: High-Resolution 3D GPR and Photogrammetry. <i>Remote Sensing</i> , 2019, 11, 1882.	1.8	16
7	Near-Surface Characterization of the Lisbon and Lower Tagus Valley Area, Portugal, for Seismic Hazard Assessment: VS30 and Soil Classification Maps. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 2854-2876.	1.1	5
8	Developing a Geologically Based VS30 Site-Condition Model for Portugal: Methodology and Assessment of the Performance of Proxies. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 322-337.	1.1	32
9	Integração dos métodos de georradar e indução eletromagnética para o mapeamento de grutas: aplicação à lapa do sono - Arrábida. <i>DigitAR - Revista Digital De Arqueologia Arquitectura E Artes</i> , 2018, , 31-36.	0.0	0
10	Prospeção geofísica de vestígios de estruturas do antigo Paço Real de São Francisco (Lisboa), com uso de georradar e laser scanner. <i>DigitAR - Revista Digital De Arqueologia Arquitectura E Artes</i> , 2018, , 59-67.	0.0	0
11	Tectonic evolution of an intraplate basin: the Lower Tagus Cenozoic Basin, Portugal. <i>Basin Research</i> , 2017, 29, 636-657.	1.3	4
12	A structural scheme proposal derived from geophysical data in the epicentral area of the Boumerdes (Algeria) earthquake of May 21, 2003. <i>Journal of African Earth Sciences</i> , 2017, 133, 138-147.	0.9	3
13	Tectonic and lithological controls on fluvial landscape development in central-eastern Portugal: Insights from long profile tributary stream analyses. <i>Geomorphology</i> , 2017, 276, 144-163.	1.1	32
14	Los mayores sismos en Argelia en la época moderna: las fallas de El Asnam y Zemmouri-Boumerdes. <i>Revista De La Tierra</i> , 2017, 29, .	0.1	1
15	The Seismicity of Portugal and Its Adjacent Atlantic Region from 1300 to 2014: Maximum Observed Intensity (MOI) Map. <i>Seismological Research Letters</i> , 2016, 87, 743-750.	0.8	11
16	Inversion of ambient seismic noise HVSr to evaluate velocity and structural models of the Lower Tagus Basin, Portugal. <i>Journal of Seismology</i> , 2016, 20, 875-887.	0.6	20
17	Ground-Motion Simulation in the Lower Tagus Valley Basin. <i>Pure and Applied Geophysics</i> , 2015, 172, 2411-2420.	0.8	5
18	The Rupture Process and Location of the 2003 Zemmouri – Boumerdes Earthquake (Mw 6.8) Inferred from Seismic and Geodetic Data. <i>Pure and Applied Geophysics</i> , 2015, 172, 2421-2434.	0.8	12

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19	Intensity-distance attenuation laws for the Portugal mainland using intensity data points. Geophysical Journal International, 2014, 199, 1278-1285.	1.0	12
20	Tectonic and neotectonic implications of a new basement map of the Lower Tagus Valley, Portugal. Tectonophysics, 2014, 617, 88-100.	0.9	12
21	Seismicity along the Azores-Gibraltar region and global plate kinematics. Journal of Seismology, 2014, 18, 205-220.	0.6	33
22	Seismic and structural geology constraints to the selection of CO2 storage sites – The case of the onshore Lusitanian basin, Portugal. Journal of Applied Geophysics, 2014, 102, 21-38.	0.9	10
23	Incorporating Descriptive Metadata into Seismic Source Zone Models for Seismic-Hazard Assessment: A Case Study of the Azores-West Iberian Region. Bulletin of the Seismological Society of America, 2014, 104, 1212-1229.	1.1	22
24	Ground motion simulations of the SW Iberia margin: rupture directivity and earth structure effects. Natural Hazards, 2013, 69, 1229-1245.	1.6	5
25	Earthquake Mitigation in the Lisbon and Lower Tagus Valley area, Portugal. , 2013, , .		3
26	Chaotic behavior of seismic mechanisms: experiment and observation. Annals of Geophysics, 2012, 55, .	0.5	0
27	Seismo-electromagnetic phenomena in the western part of the Eurasia-Nubia plate boundary. Natural Hazards and Earth System Sciences, 2011, 11, 241-248.	1.5	6
28	Atmospheric electrical field decrease during the &lt;i>M = 4.1&lt;/i> Sousel earthquake (Portugal). Natural Hazards and Earth System Sciences, 2011, 11, 987-991.	1.5	20
29	DIRDOP: a directivity approach to determining the seismic rupture velocity vector. Journal of Seismology, 2010, 14, 565-600.	0.6	9
30	Assesing the Degree of Fracturing and Weathered Layer Thickness Using Seismic and GPR Data. , 2010, , .		2
31	Seismogenic Sources in the Lower Tagus Area Using Geophysical Data. , 2010, , .		0
32	Characterization of a Concealed Fault Zone Using P and S-wave Seismic Reflection Data. , 2009, , .		5
33	The 1980, 1997 and 1998 Azores earthquakes and some seismo-tectonic implications. Tectonophysics, 2007, 435, 37-54.	0.9	62
34	Simulations of strong ground motion in SW Iberia for the 1969 February 28 (<i>M</i><sub>s</sub>=) Tj ETQq0 0 0 rgBT /Overlock 10 T Geophysical Journal International, 2007, 171, 807-822.	1.0	51
35	Seismotectonics of Portugal and its adjacent Atlantic area. Tectonophysics, 2001, 331, 373-387.	0.9	115
36	Title is missing!. Natural Hazards, 1999, 19, 205-220.	1.6	45

#	ARTICLE	IF	CITATIONS
37	Simulations of strong ground motion in SW Iberia for the 1969 February 28 (Ms= 8.0) and the 1755 November 1 (M <sup>w</sup> 8.5) earthquakes - I. Velocity model. Geophysical Journal International, 0, 171, 1144-1161.	1.0	17