

# Joaquim Luis

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

5,476  
citations

394421

19  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

5986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generic Mapping Tools: Improved Version Released. <i>Eos</i> , 2013, 94, 409-410.	0.1	3,003
2	The Generic Mapping Tools Version 6. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5556-5564.	2.5	1,246
3	Title is missing!. <i>Marine Geophysical Researches</i> , 1998, 20, 141-156.	1.2	182
4	The Azores triple junction evolution since 10 Ma from an aeromagnetic survey of the Mid-Atlantic Ridge. <i>Earth and Planetary Science Letters</i> , 1994, 125, 439-459.	4.4	111
5	Morphotectonics and strain partitioning at the Iberia-Africa plate boundary from multibeam and seismic reflection data. <i>Marine Geology</i> , 2009, 267, 156-174.	2.1	106
6	Mirone: A multi-purpose tool for exploring grid data. <i>Computers and Geosciences</i> , 2007, 33, 31-41.	4.2	100
7	Reevaluation of magnetic chrons in the North Atlantic between 35°N and 47°N: Implications for the formation of the Azores Triple Junction and associated plateau. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	70
8	Tectonic setting of the Azores Plateau deduced from a OBS survey. <i>Marine Geophysical Researches</i> , 1998, 20, 171-182.	1.2	65
9	Constraints on the structure of the Azores spreading center from gravity data. <i>Marine Geophysical Researches</i> , 1998, 20, 157-170.	1.2	63
10	The GMT/MATLAB Toolbox. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 811-823.	2.5	61
11	Importance of the mesoscale in the decadal changes observed in the northern Canary upwelling system. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	56
12	Tectonic shortening and gravitational spreading in the Gulf of Cadiz accretionary wedge: Observations from multi-beam bathymetry and seismic profiling. <i>Marine and Petroleum Geology</i> , 2009, 26, 647-659.	3.3	47
13	The isostatic compensation of the Azores Plateau: A 3D admittance and coherence analysis. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 156, 10-22.	2.1	43
14	Distributed deformation close to the Azores Triple "Point". <i>Marine Geology</i> , 2014, 355, 27-35.	2.1	40
15	In Search of the 31 March 1761 Earthquake and Tsunami Source. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 713-721.	2.3	29
16	Software for slip-tendency analysis in 3D: A plug-in for Coulomb. <i>Computers and Geosciences</i> , 2009, 35, 2345-2352.	4.2	29
17	Tectonic framework of the Azores Triple Junction. <i>Geophysical Research Letters</i> , 1991, 18, 1421-1424.	4.0	27
18	Correlation between the Palaeozoic structures from West Iberian and Grand Banks margins using inversion of magnetic anomalies. <i>Tectonophysics</i> , 2000, 321, 57-71.	2.2	23

#	ARTICLE	IF	CITATIONS
19	Coseismic displacements of the MW= 6.1, July 9, 1998, Faial earthquake (Azores, North Atlantic). Geophysical Research Letters, 2002, 29, 21-1-21-4.	4.0	23
20	Chapter 2 The structure of the Azores Triple Junction: implications for S�o Miguel Island. Geological Society Memoir, 2015, 44, 5-13.	1.7	21
21	Long-term seismicity of the Reykjanes Ridge (North Atlantic) recorded by a regional hydrophone array. Geophysical Journal International, 2005, 162, 516-524.	2.4	19
22	Identification of the magnetization low of the Lucky Strike hydrothermal vent using surface magnetic data. Journal of Geophysical Research, 2005, 110, .	3.3	17
23	On the focal mechanism of the 26.05.1975 North Atlantic event contribution from tsunami modeling. Journal of Seismology, 2008, 12, 575-583.	1.3	17
24	The role of lithospheric processes on the development of linear volcanic ridges in the Azores. Tectonophysics, 2013, 608, 376-388.	2.2	17
25	New study on the 1941�Gloria Fault earthquake and tsunami. Natural Hazards and Earth System Sciences, 2016, 16, 1967-1977.	3.6	16
26	The source of the 1722 Algarve earthquake: evidence from MCS and Tsunami data. Journal of Seismology, 2007, 11, 371-380.	1.3	14
27	Geophysical evidence for a magmatic intrusion in the ocean-continent transition of the SW Iberia margin. Tectonophysics, 2018, 744, 118-133.	2.2	13
28	Spatiotemporal distribution of the seismicity along the Mid�Atlantic Ridge north of the Azores from hydroacoustic data: Insights into seismogenic processes in a ridge�hot spot context. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	12
29	The Seagoing Scientist's Toolbox: Integrated Methods for Quality Control of Marine Geophysical Data at Sea. Geochemistry, Geophysics, Geosystems, 2019, 20, 5415-5424.	2.5	2
30	Producing marine geophysical archive files from raw underway data. Computers and Geosciences, 2019, 133, 104321.	4.2	2