Jose Morales

List of Publications by Year
in descending order

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77 papers	2,719 citations	172207 29 h-index	197535 49 g-index
77 all docs	77 docs citations	77 times ranked	1668 citing authors

#	Article	IF	Citations
1	Kinematics of the Iberiaâ€“Maghreb plate contact from seismic moment tensors and GPS observations. Tectonophysics, 2006, 426, 295-317.	0.9	239
2	Moment tensor solutions for small and moderate earthquakes in the Ibero-Maghreb region. Journal of Geophysical Research, 2003, 108, .	3.3	211
3	Active continental subduction beneath the Betic Cordillera and the AlborÃ¡n Sea. Geology, 1999, 27, 735.	2.0	123
4	Depth-dependent seismic attenuation in the Granada zone (Southern Spain). Bulletin of the Seismological Society of America, 1990, 80, 1232-1244.	1.1	109
5	Moment tensor inversion for Iberiaâ€“Maghreb earthquakes 2005â€“2008. Tectonophysics, 2010, 483, 390-398.	0.9	107
6	Recent and present-day stresses in the Granada Basin (Betic Cordilleras): Example of a late Miocene-present-day extensional basin in a convergent plate boundary. Tectonics, 1999, 18, 686-702.	1.3	93
7	Slab rupture and delamination under the Betics and Rif constrained from receiver functions. Tectonophysics, 2015, 663, 225-237.	0.9	90
8	Measurements of intrinsic and scattering seismic attenuation in the crust. Bulletin of the Seismological Society of America, 1995, 85, 1373-1380.	1.1	85
9	Rupture directivity of the 2011, Mw 5.2 Lorca earthquake (Spain). Geophysical Research Letters, 2012, 39, n/a-n/a.	1.5	73
10	Delamination in the Betic Range: Deep structure, seismicity, and GPS motion. Geology, 2013, 41, 307-310.	2.0	72
11	Moment tensor inversion with single-component historical seismograms: The 1909 Benavente (Portugal) and Lambesc (France) earthquakes. Geophysical Journal International, 2005, 162, 850-858.	1.0	70
12	Tectonic and seismic implications of an intersegment rupture. Tectonophysics, 2012, 546-547, 28-37.	0.9	68
13	Crust-mantle coupling in the Gulf of Cadiz (SW-Iberia). Geophysical Research Letters, 2005, 32, .	1.5	63
14	The depth of the earthquake activity in the Central Betics (Southern Spain). Geophysical Research Letters, 1997, 24, 3289-3292.	1.5	60
15	Source analysis of the February 12th 2007, Mw6.0 Horseshoe earthquake: Implications for the 1755 Lisbon earthquake. Geophysical Research Letters, 2007, 34, .	1.5	59
16	Presentâ€day stress field in the Gibraltar Arc (western Mediterranean). Journal of Geophysical Research, 2007, 112, .	3.3	51
17	Seismic anisotropy beneath southern Iberia from SKS splitting. Earth and Planetary Science Letters, 2008, 273, 237-250.	1.8	48
18	Basement structure of the Granada basin, Betic Cordilleras, southern Spain. Tectonophysics, 1990, 177, 337-348.	0.9	47

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19	Source analysis of theMw6.3 2004 Al Hoceima earthquake (Morocco) using regional apparent source time functions. Journal of Geophysical Research, 2005, 110, .	3.3	44
20	Source parameters of theMW= 6.1 1910 Adra earthquake (southern Spain). Geophysical Journal International, 2003, 155, 539-546.	1.0	42
21	Moment tensor solutions for the Iberian-Maghreb region during the IberArray deployment (2009â€“2013). Tectonophysics, 2015, 663, 261-274.	0.9	41
22	P-wave tomographic images in the Central Betics-AlborÃ¡n Sea (South Spain) using local earthquakes: Contribution for a continental collision. Geophysical Research Letters, 1998, 25, 4031-4034.	1.5	36
23	The relative locations of multiplets in the vicinity of the Western AlmerÃa (southern Spain) earthquake series of 1993-1994. Geophysical Journal International, 2001, 146, 801-812.	1.0	36
24	Repeated palaeoseismic activity of the Ventas de Zafarraya fault (S Spain) and its relation with the 1884 Andalusian earthquake. International Journal of Earth Sciences, 2003, 92, 912-922.	0.9	36
25	Spatialâ€temporal analysis of a seismic series using the principal components method: The Antequera Series, Spain, 1989. Journal of Geophysical Research, 1993, 98, 1923-1932.	3.3	35
26	A double seismic antenna experiment at teide Volcano: existence of local seismicity and lack of evidences of Volcanic tremor. Journal of Volcanology and Geothermal Research, 2000, 103, 439-462.	0.8	35
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37	A STEP fault in Central Betics, associated with lateral lithospheric tearing at the northern edge of the Gibraltar arc subduction system. Earth and Planetary Science Letters, 2018, 486, 32-40.	1.8	22
38	1-18 HzLgattenuation in the Granada Basin (southern Spain). Geophysical Journal International, 1992, 111, 270-280.	1.0	21
39	Geometrical spreading and attenuation of Lg waves: a comparison between western Anatolia (Turkey) and southern Spain. Tectonophysics, 1995, 250, 47-60.	0.9	21
40	Estimates of Coda-Q Using a Non-Linear Regression.. Journal of Physics of the Earth, 1993, 41, 203-219.	1.4	20
41	Analysis of the Granada (Spain) earthquake of 24 June, 1984 (M = 5) with emphasis on seismic hazard in the Granada Basin. Tectonophysics, 1996, 257, 253-263.	0.9	19
42	Crustal thickness variations in northern Morocco. Journal of Geophysical Research, 2012, 117, .	3.3	19
43	The 2011 Lorca seismic series: Temporal evolution, faulting parameters and hypocentral relocation. Bulletin of Earthquake Engineering, 2014, 12, 1871-1888.	2.3	18
44	The upper-mantle transition zone beneath the Ibero-Maghrebian region as seen by teleseismic Pds phases. Tectonophysics, 2015, 663, 212-224.	0.9	16
45	Resolution of rupture directivity in weak events: 1â€Ð versus 2â€Ð source parameterizations for the 2011, M_w 4.6 and 5.2 Lorca earthquakes, Spain. Journal of Geophysical Research: Solid Earth, 2016, 121, 6608-6626.	1.4	16
46	Continuous time random walks and south Spain seismic series. Journal of Seismology, 2002, 6, 61-67.	0.6	15
47	Seismic tomography from local crustal earthquakes beneath eastern Rif Mountains of Morocco. Tectonophysics, 2003, 367, 187-201.	0.9	15
48	Seismic signature of intracrustal magmatic intrusions in the Eastern Betics (Internal Zone), SE Iberia. Geophysical Research Letters, 2005, 32, .	1.5	15
49	The 2012â€“2013 earthquake swarm in the eastern Guadalquivir basin (South Spain): A case of heterogeneous faulting due to oroclinal bending. Gondwana Research, 2015, 28, 1566-1578.	3.0	15
50	Effect of a sedimentary basin on estimations of Qc and QLg. Physics of the Earth and Planetary Interiors, 1991, 66, 244-252.	0.7	14
51	Microseismicity and tectonics in the Granada Basin (Spain). Tectonophysics, 2002, 356, 233-252.	0.9	14
52	Focal Mechanisms for Subcrustal Earthquakes Beneath the Gibraltar Arc. Geophysical Research Letters, 2019, 46, 2534-2543.	1.5	14
53	Geometrical spreading function for short-period S and coda waves recorded in southern Spain. Physics of the Earth and Planetary Interiors, 1993, 80, 25-36.	0.7	13
54	The 1951 Mw 5.2 and Mw 5.3 Jaen, Southern Spain, Earthquake Doublet Revisited. Bulletin of the Seismological Society of America, 2008, 98, 1535-1545.	1.1	12

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55	Moment Tensor Inversion for the 5 July 1930 Montilla Earthquake (Southern Spain). Seismological Research Letters, 2010, 81, 724-731.	0.8	12
56	Geodynamic Modeling of Edge-Delamination Driven by Subduction-Transform Edge Propagator Faults: The Westernmost Mediterranean Margin (Central Betic Orogen) Case Study. Frontiers in Earth Science, 2020, 8, .	0.8	12
57	Connection between the Jurassic oceanic lithosphere of the Gulf of CÃ¡diz and the Alboran slab imaged by Sp receiver functions. Geology, 2019, 47, 227-230.	2.0	11
58	Slip Partitioning in the 2016 Alboran Sea Earthquake Sequence (Western Mediterranean). Frontiers in Earth Science, 2020, 8, .	0.8	11
59	Studying the 410-km and 660-km discontinuities beneath Spain and Morocco through detection of P-to-s conversions. Geophysical Journal International, 2013, 194, 920-935.	1.0	10
60	Quaternary landscape evolution driven by slab-pull mechanisms in the Granada Basin (Central Betics). Tectonophysics, 2015, 663, 5-18.	0.9	10
61	Extended fault inversion with random slipmaps: a resolution test for the 2012M_w7.6 Nicoya, Costa Rica earthquake. Geophysical Journal International, 2015, 202, 1505-1521.	1.0	10
62	Normal Faulting in the 1923 BerdÃºn Earthquake and Postorogenic Extension in the Pyrenees. Geophysical Research Letters, 2018, 45, 3026-3034.	1.5	10
63	Geophysical signatures of a basic-body rock placed in the upper crust of the External Zones of the Betic Cordillera (Southern Spain). Geophysical Research Letters, 2002, 29, 18-1.	1.5	9
64	Vertical Ground Motion in Southern Spain. Bulletin of the Seismological Society of America, 2008, 98, 733-745.	1.1	9
65	Structure of the crust and upper mantle beneath the Bransfield Strait (Antarctica) using P receiver functions. Tectonophysics, 2021, 802, 228744.	0.9	9
66	Shaking earth: Non-linear seismic processes and the second law of thermodynamics: A case study from Canterbury (New Zealand) earthquakes. Chaos, Solitons and Fractals, 2021, 151, 111243.	2.5	9
67	Spatial and temporal analysis of a seismic series using a new version of the three point method: application to the 1989 Antequera (Spain) earthquakes. Physics of the Earth and Planetary Interiors, 1993, 80, 159-168.	0.7	8
68	Recent and active tectonics in the western part of the Betic Cordillera. Journal of Iberian Geology, 2012, 38, .	0.7	8
69	Seismicity of the Iberian Peninsula. Regional Geology Reviews, 2020, , 11-32.	1.2	8
70	Earthquakes and entropy: Characterization of occurrence of earthquakes in southern Spain and Alboran Sea. Chaos, 2021, 31, 043124.	1.0	6
71	Qc site dependence in the Granada basin (southern Spain). Bulletin of the Seismological Society of America, 1991, 81, 2486-2492.	1.1	6
72	Site Response on Seismic Motion in the Granada Basin (Southern Spain) Based on Microtremor Measurements.. Journal of Physics of the Earth, 1993, 41, 221-238.	1.4	5

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73	Q_P and Q_S in the upper mantle beneath the Iberian peninsula from recordings of the very deep Granada earthquake of April 11, 2010. Geophysical Research Letters, 2012, 39, .	1.5	5
74	The autumn 1919 Torremendo (Jacarilla) earthquake series (SE Spain). Annals of Geophysics, 2015, 58, .	0.5	3
75	Preservation of the Iberian Tethys paleomargin beneath the eastern Betic mountain range. Gondwana Research, 2022, 106, 237-246.	3.0	3
76	Distribution of crack density parameter in Central Betic Cordillera (Southern Spain). Geophysical Journal International, 2014, 196, 22-33.	1.0	2
77	Relocation of Seismicity in the GuadalentÃn Tectonic Valley, Eastern Betics Shear Zone (Southeast) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	0