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	Preservation of the Iberian Tethys paleomargin beneath the eastern Betic mountain range. Gondwana Research, 2022, 106, 237-246.	3.0	3
2	Structure of the crust and upper mantle beneath the Bransfield Strait (Antarctica) using P receiver functions. Tectonophysics, 2021, 802, 228744.	0.9	9
3	Earthquakes and entropy: Characterization of occurrence of earthquakes in southern Spain and Alboran Sea. Chaos, 2021, 31, 043124.	1.0	6
4	Relocation of Seismicity in the GuadalentÃn Tectonic Valley, Eastern Betics Shear Zone (Southeast) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	0
5	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
6	Seismicity of the Iberian Peninsula. Regional Geology Reviews, 2020, , 11-32.	1.2	8
7	Slip Partitioning in the 2016 Alboran Sea Earthquake Sequence (Western Mediterranean). Frontiers in Earth Science, 2020, 8, .	0.8	11
8	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
9	Focal Mechanisms for Subcrustal Earthquakes Beneath the Gibraltar Arc. Geophysical Research Letters, 2019, 46, 2534-2543.	1.5	14
10	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
11	Normal Faulting in the 1923 BerdÃºn Earthquake and Postorogenic Extension in the Pyrenees. Geophysical Research Letters, 2018, 45, 3026-3034.	1.5	10
12	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
13	Tearing of the mantle lithosphere along the intermediateâ€depth seismicity zone beneath the Gibraltar Arc: The onset of lithospheric delamination. Geophysical Research Letters, 2017, 44, 4027-4035.	1.5	25
14	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
15	Slab rupture and delamination under the Betics and Rif constrained from receiver functions. Tectonophysics, 2015, 663, 225-237.	0.9	90
16	Seismic hydraulic fracture migration originated by successive deep magma pulses: The 2011â€“2013 seismic series associated to the volcanic activity of El Hierro Island. Journal of Geophysical Research: Solid Earth, 2015, 120, 7749-7770.	1.4	23
17	Quaternary landscape evolution driven by slab-pull mechanisms in the Granada Basin (Central Betics). Tectonophysics, 2015, 663, 5-18.	0.9	10
18	The upper-mantle transition zone beneath the Ibero-Maghrebian region as seen by teleseismic Pds phases. Tectonophysics, 2015, 663, 212-224.	0.9	16

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19	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
20	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
21	Moment tensor solutions for the Iberian-Maghreb region during the IberArray deployment (2009â€“2013). Tectonophysics, 2015, 663, 261-274.	0.9	41
22	The autumn 1919 Torremendo (Jacarilla) earthquake series (SE Spain). Annals of Geophysics, 2015, 58, .	0.5	3
23	Distribution of crack density parameter in Central Betic Cordillera (Southern Spain). Geophysical Journal International, 2014, 196, 22-33.	1.0	2
24	The 2011 Lorca seismic series: Temporal evolution, faulting parameters and hypocentral relocation. Bulletin of Earthquake Engineering, 2014, 12, 1871-1888.	2.3	18
25	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
26	Delamination in the Betic Range: Deep structure, seismicity, and GPS motion. Geology, 2013, 41, 307-310.	2.0	72
27	Rupture directivity of the 2011, Mw 5.2 Lorca earthquake (Spain). Geophysical Research Letters, 2012, 39, n/a-n/a.	1.5	73
28	Crustal thickness variations in northern Morocco. Journal of Geophysical Research, 2012, 117, .	3.3	19
29	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
30	Recent and active tectonics in the western part of the Betic Cordillera. Journal of Iberian Geology, 2012, 38, .	0.7	8
31	Tectonic and seismic implications of an intersegment rupture. Tectonophysics, 2012, 546-547, 28-37.	0.9	68
32	Testing oceanic subduction and convective removal models for the Gibraltar arc: Seismological constraints from dispersion and anisotropy. Tectonophysics, 2011, 502, 28-37.	0.9	24
33	Moment Tensor Inversion for the 5 July 1930 Montilla Earthquake (Southern Spain). Seismological Research Letters, 2010, 81, 724-731.	0.8	12
34	Moment tensor inversion for Iberiaâ€“Maghreb earthquakes 2005â€“2008. Tectonophysics, 2010, 483, 390-398.	0.9	107
35	Is the northwestern Betic Cordillera mountain front active in the context of the convergent Eurasiaâ€“Africa plate boundary?. Terra Nova, 2009, 21, 352-359.	0.9	31
36	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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37	Seismic anisotropy beneath southern Iberia from SKS splitting. Earth and Planetary Science Letters, 2008, 273, 237-250.	1.8	48
38	Vertical Ground Motion in Southern Spain. Bulletin of the Seismological Society of America, 2008, 98, 733-745.	1.1	9
39	Presentâ€day stress field in the Gibraltar Arc (western Mediterranean). Journal of Geophysical Research, 2007, 112, .	3.3	51
40	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
41	Kinematics of the Iberiaâ€“Maghreb plate contact from seismic moment tensors and GPS observations. Tectonophysics, 2006, 426, 295-317.	0.9	239
42	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
43	Seismic anisotropy and velocity structure beneath the southern half of the Iberian Peninsula. Physics of the Earth and Planetary Interiors, 2005, 150, 317-330.	0.7	26
44	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
45	Crust-mantle coupling in the Gulf of Cadiz (SW-Iberia). Geophysical Research Letters, 2005, 32, .	1.5	63
46	Seismic signature of intracrustal magmatic intrusions in the Eastern Betics (Internal Zone), SE Iberia. Geophysical Research Letters, 2005, 32, .	1.5	15
47	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
48	Source parameters of theMW= 6.1 1910 Adra earthquake (southern Spain). Geophysical Journal International, 2003, 155, 539-546.	1.0	42
49	Moment tensor solutions for small and moderate earthquakes in the Ibero-Maghreb region. Journal of Geophysical Research, 2003, 108, .	3.3	211
50	Seismic tomography from local crustal earthquakes beneath eastern Rif Mountains of Morocco. Tectonophysics, 2003, 367, 187-201.	0.9	15
51	3-D crustal structure of the extensional Granada Basin in the convergent boundary between the Eurasian and African plates. Tectonophysics, 2002, 344, 61-79.	0.9	32
52	Microseismicity and tectonics in the Granada Basin (Spain). Tectonophysics, 2002, 356, 233-252.	0.9	14
53	Faulting parameters of the 1999 Mula earthquake, southeastern Spain. Tectonophysics, 2002, 354, 139-155.	0.9	31
54	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

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55	Continuous time random walks and south Spain seismic series. Journal of Seismology, 2002, 6, 61-67.	0.6	15
56	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
57	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
58	Active continental subduction beneath the Betic Cordillera and the AlborÃ¡n Sea. Geology, 1999, 27, 735.	2.0	123
59	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
60	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
61	The depth of the earthquake activity in the Central Betics (Southern Spain). Geophysical Research Letters, 1997, 24, 3289-3292.	1.5	60
62			

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73	Lateral variation and frequency dependence of coda-Qin the southern part of Iberia. Geophysical Journal International, 1991, 107, 57-66.	1.0	24
74	Microtremor study in the sediment-filled basin of Zafarraya, Granada (Southern Spain). Bulletin of the Seismological Society of America, 1991, 81, 687-693.	1.1	23
75	Qc site dependence in the Granada basin (southern Spain). Bulletin of the Seismological Society of America, 1991, 81, 2486-2492.	1.1	6
76	Basement structure of the Granada basin, Betic Cordilleras, southern Spain. Tectonophysics, 1990, 177, 337-348.	0.9	47
77	Depth-dependent seismic attenuation in the Granada zone (Southern Spain). Bulletin of the Seismological Society of America, 1990, 80, 1232-1244.	1.1	109