

Mariano García-Fernández

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1506315/publications.pdf>

Version: 2024-02-01

29
papers

624
citations

933447

10
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Current challenges in monitoring, discrimination, and management of induced seismicity related to underground industrial activities: A European perspective. <i>Reviews of Geophysics</i> , 2017, 55, 310-340.	23.0	235
2	Rupture geometry from high-precision relative hypocentre locations of microearthquake clusters. <i>Geophysical Journal International</i> , 1992, 110, 501-517.	2.4	180
3	Mapping soil effects in Barcelona, Spain, through an integrated GIS environment. <i>Soil Dynamics and Earthquake Engineering</i> , 2000, 19, 289-301.	3.8	26
4	Occurrence of shallow earthquakes following periods of intense rainfall in Tenerife, Canary Islands. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 103, 463-468.	2.1	25
5	Soil characterization in urban areas of the Bajo Segura Basin (Southeast Spain) using H/V, F ₀ and ESAC methods. <i>Journal of Applied Geophysics</i> , 2011, 75, 543-557.	2.1	21
6	Recognition of earthquake-prone areas (M _a > 5.0) in the Iberian Peninsula. <i>Rendiconti Lincei</i> , 2010, 21, 131-162.	2.2	20
7	Development of a seismic source model for probabilistic seismic hazard assessment of nuclear power plant sites in Switzerland: the view from PEGASOS Expert Group 4 (EG1d). <i>Swiss Journal of Geosciences</i> , 2009, 102, 189-209.	1.2	17
8	Calibration of stochastic finite-fault ground motion simulations for the 1997 Umbria-Marche, Central Italy, earthquake sequence. <i>Soil Dynamics and Earthquake Engineering</i> , 2000, 20, 315-324.	3.8	15
9	Site characterization in the Vega Baja, SE Spain, using ambient-noise H/V analysis. <i>Bulletin of Earthquake Engineering</i> , 2012, 10, 1163-1191.	4.1	14
10	Aftershock sequence of the 9 May 1989 Canary Islands earthquake. <i>Tectonophysics</i> , 1996, 255, 157-162.	2.2	13
11	Seismic hazard assessment in TERESA test areas based on a Bayesian technique. <i>Natural Hazards</i> , 1989, 2, 249-265.	3.4	8
12	Seismic hazard parameters estimation in Spain from historical and instrumental catalogues. <i>Tectonophysics</i> , 1989, 167, 245-251.	2.2	8
13	Optimum station distribution to monitor seismic activity of Teide Volcano, Tenerife, Canary Islands. <i>Journal of Volcanology and Geothermal Research</i> , 1988, 35, 195-204.	2.1	7
14	The 2011 Mw 5.2 Lorca earthquake as a case study to investigate the ground motion variability related to the source model. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 3463-3482.	4.1	7
15	1989-1995 Earthquake sequences in the Galeras volcano region, SW Colombia, and possible volcano-earthquake interactions. <i>Tectonophysics</i> , 2009, 463, 47-59.	2.2	5
16	Seismic hazard computations for regions with low earthquake activity - A case study for the Belgium, The Netherlands and NW Germany area. <i>Natural Hazards</i> , 1989, 2, 229-236.	3.4	4
17	Path effects and local elastic site amplification: two case studies on Mt Etna (Italy) and Vega Baja (SE) Tj ETQq1 1 0,784314 rgBT /Over	4.1	4
18	Estimation of seismic hazard parameters in TERESA test areas. <i>Natural Hazards</i> , 1989, 2, 289-306.	3.4	3

#	ARTICLE	IF	CITATIONS
19	Modelling Pan-European ground motions for seismic hazard applications. Bulletin of Earthquake Engineering, 2019, 17, 2821-2840.	4.1	3
20	Probabilistic seismic hazard assessment in SE-Spain based on macroseismic site histories. Bulletin of Earthquake Engineering, 2016, 14, 1849-1867.	4.1	2
21	Comparing post-event and pre-event damage assessment: Information gaps and lessons learnt. E3S Web of Conferences, 2016, 7, 05011.	0.5	1
22	Flood damage data analysis: towards an improvement of data quality and usability. E3S Web of Conferences, 2016, 7, 05009.	0.5	1
23	An operational-oriented approach to the assessment of low probability seismic ground motions for critical infrastructures. Journal of Seismology, 2018, 22, 123-136.	1.3	1
24	Evaluation of seismic hazard at Roermond, The Netherlands: A comparison of results after the 13 April 1992 earthquake. Natural Hazards, 1996, 13, 297.	3.4	0
25	85.1 Overview. International Geophysics, 2003, , 1601-1604.	0.6	0
26	85.3 IASPEI PC shareware library. International Geophysics, 2003, 81, 1609-1610.	0.6	0
27	Acknowledgement of Reviewers for 2020. Journal of Seismology, 2021, 25, 347-349.	1.3	0
28	Regional application of the NDSHA approach for continental seismogenic sources in the Iberian Peninsula. , 2022, , 491-514.		0
29	Acknowledgement of reviewers for 2021. Journal of Seismology, 2022, 26, 197-199.	1.3	0