

Beatriz Benjumea

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

582
citations

471509

17
h-index

610901

24
g-index

33
all docs

33
docs citations

33
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	The deep seismic reflection MARCONI-3 profile: Role of extensional Mesozoic structure during the Pyrenean contractional deformation at the eastern part of the Bay of Biscay. <i>Marine and Petroleum Geology</i> , 2008, 25, 714-730.	3.3	74
2	Application of radar and seismic methods for the investigation of temperate glaciers. <i>Journal of Applied Geophysics</i> , 2005, 57, 193-211.	2.1	48
3	Estimation of water content in a temperate glacier from radar and seismic sounding data. <i>Annals of Glaciology</i> , 2003, 37, 317-324.	1.4	36
4	The late Quaternary stratigraphic record northwest of Montr�al: regional ice-sheet dynamics, ice-stream activity, and early deglacial events. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 461-485.	1.3	29
5	Integrating Hydrogeological and Geophysical Methods for the Characterization of a Deltaic Aquifer System. <i>Surveys in Geophysics</i> , 2011, 32, 857-873.	4.6	29
6	Synthetic seismic models from outcrop-derived reservoir-scale three-dimensional facies models: The Eocene Ainsa turbidite system (southern Pyrenees). <i>AAPG Bulletin</i> , 2010, 94, 317-343.	1.5	28
7	Integrated geophysical profiles and H/V microtremor measurements for subsoil characterization. <i>Near Surface Geophysics</i> , 2011, 9, 413-425.	1.2	28
8	A 3D joint interpretation of magnetotelluric and seismic tomographic models: The case of the volcanic island of Tenerife. <i>Computers and Geosciences</i> , 2017, 109, 95-105.	4.2	28
9	Combination of Geophysical Methods to Support Urban Geological Mapping. <i>Surveys in Geophysics</i> , 2014, 35, 983-1002.	4.6	27
10	From ambient noise recordings to site effect assessment: The case study of Barcelona microzonation. <i>Soil Dynamics and Earthquake Engineering</i> , 2011, 31, 271-281.	3.8	26
11	Joint Audio-Magnetotelluric and Passive Seismic Imaging of the Cerdanya Basin. <i>Surveys in Geophysics</i> , 2016, 37, 897-921.	4.6	25
12	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006, 53, 208-219.	5.0	24
13	Time-lapse cross-hole electrical resistivity tomography monitoring effects of an urban tunnel. <i>Journal of Applied Geophysics</i> , 2012, 87, 60-70.	2.1	24
14	Application of high-resolution seismic techniques in the evaluation of earthquake site response, Ottawa Valley, Canada. <i>Tectonophysics</i> , 2003, 368, 193-209.	2.2	22
15	Seismic reflection constraints on the glacial dynamics of Johnsons Glacier, Antarctica. <i>Journal of Applied Geophysics</i> , 2001, 46, 31-44.	2.1	21
16	Joint interpretation of magnetotelluric, seismic, and well-log data in Hontom�n (Spain). <i>Solid Earth</i> , 2016, 7, 943-958.	2.8	19
17	The Effect of Shallow Quaternary Deposits on the Shape of the H/V Spectral Ratio. <i>Surveys in Geophysics</i> , 2015, 36, 185-208.	4.6	18
18	Vs30 and Fundamental Site Period Estimates in Soft Sediments of the Ottawa Valley from Near-Surface Geophysical Measurements. <i>Journal of Environmental and Engineering Geophysics</i> , 2008, 13, 313-323.	0.5	14

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19	Characterization of a complex near-surface structure using well logging and passive seismic measurements. <i>Solid Earth</i> , 2016, 7, 685-701.	2.8	11
20	Integrated seismic ambient noise, magnetotellurics and gravity data for the 2D interpretation of the VallÀ's basin structure in the geothermal system of La Garriga-SamalÀs (NE Spain). <i>Geothermics</i> , 2021, 93, 102067.	3.4	11
21	Application of the CMP refraction method to an archaeological study (Los Millares, AlmerÀ±la, Spain). <i>Journal of Applied Geophysics</i> , 2001, 46, 77-84.	2.1	9
22	Geophysical measurements for site effects characterisation in the urban area of Girona, Spain. <i>Near Surface Geophysics</i> , 2018, 16, 340-355.	1.2	9
23	A proxy-based model for estimating V30 in the Iberian Peninsula. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 155, 107165.	3.8	8
24	Undercover karst imaging using a Fuzzy c-means data clustering approach (Costa Brava, NE Spain). <i>Engineering Geology</i> , 2021, 293, 106327.	6.3	6
25	Gravity data on the Central Pyrenees: a step forward to help a better understanding of the Pyrenean structures. <i>Journal of Maps</i> , 2021, 17, 750-759.	2.0	4
26	Petrophysical characterization of carbonates (SE of Spain) through full wave sonic data. <i>Journal of Applied Geophysics</i> , 2019, 160, 1-14.	2.1	3
27	Ebro Delta Geometry and Structure Characterization Using the Electrical Resistivity Imaging Method. , 2018, , .		1
28	Geophysical survey of Johnsons Glacier (Antarctica): Comparing seismic and RES data. , 2000, , .		0
29	IMAGING GROUNDWATER RESOURCES OF A MEDITERRANEAN COASTAL AQUIFER USING SEISMIC AND CSAMT DATA. , 2006, , .		0
30	Potential of Oil Seismic Data Reprocessing for Near-surface Characterization Using Refraction and Reflection Methods. , 2015, , .		0
31	Karst Imaging Using a Fuzzy C-Means Data Clustering Approach (MontgrÀ-Massif, Spain). , 2018, , .		0