

Tania Mochales

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

398
citations

840776

11
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

527
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of underground cavities by combining gravity, magnetic and ground penetrating radar surveys: a case study from the Zaragoza area, NE Spain. <i>Environmental Geology</i> , 2008, 53, 1067-1077.	1.2	101
2	Rotational velocity for oblique structures (Boltaña anticline, Southern Pyrenees). <i>Journal of Structural Geology</i> , 2012, 35, 2-16.	2.3	55
3	Chronostratigraphy of the Boltana anticline and the Ainsa Basin (southern Pyrenees). <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1229-1250.	3.3	43
4	Characterizing the Mesozoic extension direction in the northern Iberian plate margin by anisotropy of magnetic susceptibility (AMS). <i>Journal of the Geological Society</i> , 2008, 165, 1007-1018.	2.1	31
5	Anisotropic magnetic susceptibility record of the kinematics of the Boltaña Anticline (Southern) Tj ETQq1 1 0.784314 rgBT /Overlook 1.3 21	1.3	21
6	Unraveling the geometry of the New England oroclines (eastern Australia): Constraints from magnetic fabrics. <i>Tectonics</i> , 2014, 33, 2261-2282.	2.8	18
7	Remagnetizations used to unravel large-scale fold kinematics: A case study in the Cameros Basin (Northern Spain). <i>Tectonics</i> , 2017, 36, 714-729.	2.8	17
8	Using electrical resistivity tomography to assess the effectiveness of managed aquifer recharge in a salinized coastal aquifer. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 100.	2.7	16
9	Geological reconstruction in the area of maximum co-seismic subsidence during the 2009 Mw=6.1 L'Aquila earthquake using geophysical and borehole data. <i>Italian Journal of Geosciences</i> , 2016, 135, 350-362.	0.8	14
10	Magnetic fabrics in the Western Central-Pyrenees: An overview. <i>Tectonophysics</i> , 2014, 629, 303-318.	2.2	11
11	Restoring paleomagnetic data in complex superposed folding settings: The Boltaña anticline (Southern Pyrenees). <i>Tectonophysics</i> , 2016, 671, 281-298.	2.2	11
12	Analysis of a 150 m sediment core from the co-seismic subsidence depocenter of the 2009 Mw = 6.1 L'Aquila earthquake (Italy): Implications for Holocene-Pleistocene tectonic subsidence rates and for the age of the seismogenic Paganica fault system. <i>Tectonophysics</i> , 2016, 687, 180-194.	2.2	11
13	Phenomenology and geographical gradients of atmospheric deposition in southwestern Europe: Results from a multi-site monitoring network. <i>Science of the Total Environment</i> , 2020, 744, 140745.	8.0	10
14	Magnetic prospection as an efficient tool for doline detection: a case study in the central Ebro Basin (northern Spain). <i>Geological Society Special Publication</i> , 2007, 279, 73-84.	1.3	9
15	Representation of paleomagnetic data in virtual globes: A case study from the Pyrenees. <i>Computers and Geosciences</i> , 2014, 70, 56-62.	4.2	9
16	Paleomagnetic and geochronological study of Carboniferous forearc basin rocks in the Southern New England Orogen (Eastern Australia). <i>Tectonophysics</i> , 2016, 681, 263-277.	2.2	9
17	Tethyan versus Iberian extension during the Cretaceous period in the eastern Iberian Peninsula: insights from magnetic fabrics. <i>Journal of the Geological Society</i> , 2016, 173, 127-141.	2.1	6
18	Interpretation of gravimetric and magnetic anomalies in the Cameros Basin (North Spain): combination of deep and shallow sources. <i>Studia Geophysica Et Geodaetica</i> , 2013, 57, 442-459.	0.5	4

#	ARTICLE	IF	CITATIONS
19	High-resolution aeromagnetic survey of Calabria (Southern Italy). <i>Journal of Maps</i> , 2017, 13, 116-123.	2.0	2