

# Marta BÃ©jar-Pizarro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1172570/publications.pdf>

Version: 2024-02-01

30  
papers

1,637  
citations

393982

19  
h-index

552369

26  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1868  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the global threat of land subsidence. <i>Science</i> , 2021, 371, 34-36.	6.0	204
2	Rapid characterisation of the extremely large landslide threatening the Rules Reservoir (Southern Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50	2.7	15
3	Landslides in Urban Environments. , 2021, , .		1
4	3D groundwater flow and deformation modelling of Madrid aquifer. <i>Journal of Hydrology</i> , 2020, 585, 124773.	2.3	14
5	Push-pull driving of the Central America Forearc in the context of the Cocos-Caribbean-North America triple junction. <i>Scientific Reports</i> , 2019, 9, 11164.	1.6	7
6	Coastal lateral spreading in the world heritage site of the Tramuntana Range (Majorca, Spain). The use of PSInSAR monitoring to identify vulnerability. <i>Landslides</i> , 2018, 15, 797-809.	2.7	23
7	Fast detection of ground motions on vulnerable elements using Sentinel-1 InSAR data. <i>Geomatics, Natural Hazards and Risk</i> , 2018, 9, 152-174.	2.0	34
8	InSAR-Based Mapping to Support Decision-Making after an Earthquake. <i>Remote Sensing</i> , 2018, 10, 899.	1.8	18
9	Crustal motion and deformation in Ecuador from cGNSS time series. <i>Journal of South American Earth Sciences</i> , 2018, 86, 94-109.	0.6	9
10	Mapping groundwater level and aquifer storage variations from InSAR measurements in the Madrid aquifer, Central Spain. <i>Journal of Hydrology</i> , 2017, 547, 678-689.	2.3	67
11	Multiband PSInSAR and long-period monitoring of land subsidence in a strategic detrital aquifer (Vega) Tj ETQq1 1 0.784314 rgBT /Over 71-87.	2.3	23
12	Mapping Vulnerable Urban Areas Affected by Slow-Moving Landslides Using Sentinel-1 InSAR Data. <i>Remote Sensing</i> , 2017, 9, 876.	1.8	76
13	A Methodology to Detect and Update Active Deformation Areas Based on Sentinel-1 SAR Images. <i>Remote Sensing</i> , 2017, 9, 1002.	1.8	102
14	Exploitation of Satellite A-DInSAR Time Series for Detection, Characterization and Modelling of Land Subsidence. <i>Geosciences (Switzerland)</i> , 2017, 7, 25.	1.0	20
15	A-DInSAR Monitoring of Landslide and Subsidence Activity: A Case of Urban Damage in Arcos de la Frontera, Spain. <i>Remote Sensing</i> , 2017, 9, 787.	1.8	24
16	Evaluation of the SBAS InSAR Service of the European Space Agencyâ€™s Geohazard Exploitation Platform (GEP). <i>Remote Sensing</i> , 2017, 9, 1291.	1.8	56
17	Groundwater and Subsidence Modeling Combining Geological and Multi-Satellite SAR Data over the Alto GuadalentÃn Aquifer (SE Spain). <i>Geofluids</i> , 2017, 2017, 1-17.	0.3	23
18	Towards an increase of flash flood geomorphic effects due to gravel mining and ground subsidence in Nogalte stream (Murcia, SE Spain). <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2273-2286.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Interpolation of GPS and Geological Data Using InSAR Deformation Maps: Method and Application to Land Subsidence in the Alto GuadalentÄn Aquifer (SE Spain). Remote Sensing, 2016, 8, 965.	1.8	42
20	Combination of Conventional and Advanced DInSAR to Monitor Very Fast Mining Subsidence with TerraSAR-X Data: Bytom City (Poland). Remote Sensing, 2015, 7, 5300-5328.	1.8	96
21	Twenty-year advanced DInSAR analysis of severe land subsidence: The Alto GuadalentÄn Basin (Spain) case study. Engineering Geology, 2015, 198, 40-52.	2.9	67
22	A quasi-elastic aquifer deformational behavior: Madrid aquifer case study. Journal of Hydrology, 2014, 519, 1192-1204.	2.3	59
23	Monitoring of GuadalentÄn valley (southern Spain) through a fast SAR Interferometry method. Journal of Applied Geophysics, 2013, 91, 39-48.	0.9	19
24	Andean structural control on interseismic coupling in the North Chile subduction zone. Nature Geoscience, 2013, 6, 462-467.	5.4	138
25	Tectonic and seismic implications of an intersegment rupture. Tectonophysics, 2012, 546-547, 28-37.	0.9	68
26	The 2010 <i>M</i> <sub>w</sub> 8.8 Maule Megathrust Earthquake of Central Chile, Monitored by GPS. Science, 2011, 332, 1417-1421.	6.0	345
27	Asperities and barriers on the seismogenic zone in North Chile: state-of-the-art after the 2007 Mw 7.7 Tocopilla earthquake inferred by GPS and InSAR data. Geophysical Journal International, 2010, 183, 390-406.	1.0	73
28	Evaluation of the potential of InSAR time series to study the spatio-temporal evolution of piezometric levels in the Madrid aquifer. Proceedings of the International Association of Hydrological Sciences, 0, 372, 29-32.	1.0	1
29	Application of multi-sensor advanced DInSAR analysis to severe land subsidence recognition: Alto GuadalentÄn Basin (Spain). Proceedings of the International Association of Hydrological Sciences, 0, 372, 45-48.	1.0	2
30	TOWARDS A PRECISE MODELLING OF THE EL SALVADOR FAULT ZONE USING GEODETIC TECHNIQUES. , 0, , .		0