

Isabel Blanco-Montenegro

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

353
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal structure of Tenerife (Canary Islands) based on gravity, aeromagnetic and volcanological data. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 103, 43-64.	2.1	79
2	Imaging and modelling the subsurface structure of volcanic calderas with high-resolution aeromagnetic data at Vulcano (Aeolian Islands, Italy). <i>Bulletin of Volcanology</i> , 2007, 69, 643-659.	3.0	66
3	Analysis and modelling of the aeromagnetic anomalies of Gran Canaria (Canary Islands). <i>Earth and Planetary Science Letters</i> , 2003, 206, 601-616.	4.4	38
4	New evidence about the structure and growth of ocean island volcanoes from aeromagnetic data: The case of Tenerife, Canary Islands. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	34
5	Estimating the magnetization direction of crustal structures by means of an equivalent source algorithm. <i>Physics of the Earth and Planetary Interiors</i> , 2006, 155, 163-169.	1.9	29
6	Aeromagnetic anomalies reveal the link between magmatism and tectonics during the early formation of the Canary Islands. <i>Scientific Reports</i> , 2018, 8, 42.	3.3	21
7	Magnetic imaging of the feeding system of oceanic volcanic islands: El Hierro (Canary Islands). <i>Geophysical Journal International</i> , 2008, 173, 339-350.	2.4	19
8	Paleomagnetic determinations on Lanzarote from magnetic and gravity anomalies: Implications for the early history of the Canary Islands. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16
9	Three-dimensional inverse modelling of magnetic anomaly sources based on a genetic algorithm. <i>Physics of the Earth and Planetary Interiors</i> , 2016, 253, 74-87.	1.9	16
10	Aeromagnetic data provide new insights on the volcanism and tectonics of Vulcano Island and offshore areas (southern Tyrrhenian Sea, Italy). <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	15
11	Strain Pattern and Kinematics of the Canary Islands from GNSS Time Series Analysis. <i>Remote Sensing</i> , 2020, 12, 3297.	4.0	10
12	Imaging Thermal Anomalies in Hot Dry Rock Geothermal Systems from Near-Surface Geophysical Modelling. <i>Remote Sensing</i> , 2019, 11, 675.	4.0	5
13	Three-dimensional Magnetic Models of La Gomera (Canary Islands): Insights Into the Early Evolution of an Ocean Island Volcano. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008787.	2.5	4
14	High resolution magnetic anomaly map of Tenerife, Canary Islands. <i>Annals of Geophysics</i> , 2009, 50, .	1.0	1