

I Palomeras

List of Publications by Year in descending order

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876
citing authors

#	ARTICLE	IF	CITATIONS
1	Geophysical Imaging of the Critical Zone along the Eastern Betic Shear Zone (EBSZ), SE Iberian Peninsula. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3398.	2.5	0
2	Crustal Imbrication in an Alpine Intraplate Mountain Range: A Wide-Angle Cross-Section Across the Spanish-Portuguese Central System. <i>Tectonics</i> , 2022, 41, .	2.8	1
3	Reassessing the lithosphere: SeisDARE, an open-access seismic data repository. <i>Earth System Science Data</i> , 2021, 13, 1053-1071.	9.9	10
4	Lithospheric structure beneath southern Iberia and northern Morocco constrained by 3D Kirchhoff-approximate GRT imaging. <i>Journal of Geophysics and Engineering</i> , 2021, 18, 268-281.	1.4	2
5	Mapping and Interpreting the Uppermost Mantle Reflectivity Beneath Central and South-West Iberia. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB019987.	3.4	7
6	The topography of the Iberian Peninsula from integrated geophysical-petrological multi-data inversion. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 314, 106691.	1.9	6
7	Evolution of the Iberian Massif as deduced from its crustal thickness and geometry of a mid-crustal (Conrad) discontinuity. <i>Solid Earth</i> , 2021, 12, 1515-1547.	2.8	8
8	Seismic structure and composition of the southern central Iberian crust: The ALCUDIA wide angle seismic reflection transect. <i>Tectonophysics</i> , 2021, 820, 229114.	2.2	3
9	Four decades of geophysical research on Iberia and adjacent margins. <i>Earth-Science Reviews</i> , 2021, 222, 103841.	9.1	8
10	What can seismic noise tell us about the Alpine reactivation of the Iberian Massif? An example in the Iberian Central System. <i>Solid Earth</i> , 2020, 11, 2499-2513.	2.8	8
11	Lithospheric image of the Central Iberian Zone (Iberian Massif) using global-phase seismic interferometry. <i>Solid Earth</i> , 2019, 10, 1937-1950.	2.8	17
12	Curie Point Depth of the Iberian Peninsula and Surrounding Margins. A Thermal and Tectonic Perspective of its Evolution. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2049-2068.	3.4	37
13	Lithospheric structure of Iberia and Morocco using finite-frequency Rayleigh wave tomography from earthquakes and seismic ambient noise. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1824-1840.	2.5	57
14	Magma reservoirs from the upper crust to the Moho inferred from high-resolution Vp and Vs models beneath Mount St. Helens, Washington State, USA. <i>Geology</i> , 2016, 44, 411-414.	4.4	94
15	Finite-frequency Rayleigh wave tomography of the western Mediterranean: Mapping its lithospheric structure. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 140-160.	2.5	89
16	Crustal thickness and velocity structure across the Moroccan Atlas from long offset wide-angle reflection seismic data: The SIMA experiment. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1698-1717.	2.5	42
17	Piecewise delamination of Moroccan lithosphere from beneath the Atlas Mountains. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 975-985.	2.5	48
18	Subduction-driven recycling of continental margin lithosphere. <i>Nature</i> , 2014, 515, 253-256.	27.8	66

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19	Ongoing lithospheric removal in the western Mediterranean: Evidence from Ps receiver functions and thermobarometry of Neogene basalts (PICASSO project). <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1113-1127.	2.5	60
20	Imaging the crustal structure of the Central Iberian Zone (Variscan Belt): The ALCUDIA deep seismic reflection transect. <i>Tectonics</i> , 2012, 31, .	2.8	42
21	Petrophysical analysis of a mid-crustal reflector in the IBERSEIS profile, SW Spain. <i>Tectonophysics</i> , 2012, 550-553, 35-46.	2.2	13
22	Shear wave modeling and Poisson's ratio in the Variscan Belt of SW Iberia. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	16
23	Geophysical model of the lithosphere across the Variscan Belt of SW-Iberia: Multidisciplinary assessment. <i>Tectonophysics</i> , 2011, 508, 42-51.	2.2	34
24	A wide-angle upper mantle reflector in SW Iberia: Some constraints on its nature. <i>Physics of the Earth and Planetary Interiors</i> , 2010, 181, 88-102.	1.9	23
25	Seismic imaging and modelling of the lithosphere of SW-Iberia. <i>Tectonophysics</i> , 2009, 472, 148-157.	2.2	20
26	Nature of the lithosphere across the Variscan orogen of SW Iberia: Dense wide-angle seismic reflection data. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	54
27	High-resolution seismic characterization in an urban area: Subway tunnel construction in Barcelona, Spain. <i>Geophysics</i> , 2008, 73, B41-B50.	2.6	46
28	Imaging granitic plutons along the IBERSEIS profile. <i>Tectonophysics</i> , 2006, 420, 37-47.	2.2	13