I Palomeras

List of Publications by Year
in descending order

28 papers	828 citations	567281 15 h-index	526287 27 g-index
36 all docs	36 docs citations	36 times ranked	876 citing authors

#	Article	IF	Citations
1	Magma reservoirs from the upper crust to the Moho inferred from high-resolution Vp and Vs models beneath Mount St. Helens, Washington State, USA. Geology, 2016, 44, 411-414.	4.4	94
2	Finiteâ€frequency Rayleigh wave tomography of the western Mediterranean: Mapping its lithospheric structure. Geochemistry, Geophysics, Geosystems, 2014, 15, 140-160.	2.5	89
3	Subduction-driven recycling of continental margin lithosphere. Nature, 2014, 515, 253-256.	27.8	66
4	Ongoing lithospheric removal in the western Mediterranean: Evidence from Ps receiver functions and thermobarometry of Neogene basalts (PICASSO project). Geochemistry, Geophysics, Geosystems, 2014, 15, 1113-1127.	2.5	60
5	Lithospheric structure of <scp>I</scp>beria and <scp>M</scp>orocco using finiteâ€frequency <scp>R</scp>ayleigh wave tomography from earthquakes and seismic ambient noise. Geochemistry, Geophysics, Geosystems, 2017, 18, 1824-1840.	2.5	57
6	Nature of the lithosphere across the Variscan orogen of SW Iberia: Dense wideâ€angle seismic reflection data. Journal of Geophysical Research, 2009, 114, .	3.3	54
7	Piecewise delamination of Moroccan lithosphere from beneath the Atlas Mountains. Geochemistry, Geophysics, Geosystems, 2014, 15, 975-985.	2.5	48
8	High-resolution seismic characterization in an urban area: Subway tunnel construction in Barcelona, Spain. Geophysics, 2008, 73, B41-B50.	2.6	46
9	Imaging the crustal structure of the Central Iberian Zone (Variscan Belt): The ALCUDIA deep seismic reflection transect. Tectonics, 2012, 31, .	2.8	42
10	Crustal thickness and velocity structure across the Moroccan Atlas from long offset wideâ€angle reflection seismic data: The SIMA experiment. Geochemistry, Geophysics, Geosystems, 2014, 15, 1698-1717.	2.5	42
11	Curie Point Depth of the Iberian Peninsula and Surrounding Margins. A Thermal and Tectonic Perspective of its Evolution. Journal of Geophysical Research: Solid Earth, 2018, 123, 2049-2068.	3.4	37
12	Geophysical model of the lithosphere across the Variscan Belt of SW-Iberia: Multidisciplinary assessment. Tectonophysics, 2011, 508, 42-51.	2.2	34
13	A wide-angle upper mantle reflector in SW Iberia: Some constraints on its nature. Physics of the Earth and Planetary Interiors, 2010, 181, 88-102.	1.9	23
14	Seismic imaging and modelling of the lithosphere of SW-Iberia. Tectonophysics, 2009, 472, 148-157.	2.2	20
15	Lithospheric image of the Central Iberian Zone (Iberian Massif) using global-phase seismic interferometry. Solid Earth, 2019, 10, 1937-1950.	2.8	17
16	Shear wave modeling and Poisson's ratio in the Variscan Belt of SW Iberia. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	16
17	Imaging granitic plutons along the IBERSEIS profile. Tectonophysics, 2006, 420, 37-47.	2.2	13
18	Petrophysical analysis of a mid-crustal reflector in the IBERSEIS profile, SW Spain. Tectonophysics, 2012, 550-553, 35-46.	2.2	13

#	ARTICLE	IF	CITATIONS
19	Reassessing the lithosphere: SeisDARE, an open-access seismic data repository. Earth System Science Data, 2021, 13, 1053-1071.	9.9	10
20	Evolution of the Iberian Massif as deduced from its crustal thickness and geometry of a mid-crustal (Conrad) discontinuity. Solid Earth, 2021, 12, 1515-1547.	2.8	8
21	What can seismic noise tell us about the Alpine reactivation of the Iberian Massif? An example in the Iberian Central System. Solid Earth, 2020, 11, 2499-2513.	2.8	8
22	Four decades of geophysical research on Iberia and adjacent margins. Earth-Science Reviews, 2021, 222, 103841.	9.1	8
23	Mapping and Interpreting the Uppermost Mantle Reflectivity Beneath Central and Southâ€West Iberia. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB019987.	3.4	7
24	The topography of the Iberian Peninsula from integrated geophysical-petrological multi-data inversion. Physics of the Earth and Planetary Interiors, 2021, 314, 106691.	1.9	6
25	Seismic structure and composition of the southern central Iberian crust: The ALCUDIA wide angle seismic reflection transect. Tectonophysics, 2021, 820, 229114.	2.2	3
26	Lithospheric structure beneath southern Iberia and northern Morocco constrained by 3D Kirchhoff-approximate GRT imaging. Journal of Geophysics and Engineering, 2021, 18, 268-281.	1.4	2
27	Crustal Imbrication in an Alpine Intraplate Mountain Range: A Wideâ€Angle Crossâ€Section Across the Spanishâ€Portuguese Central System. Tectonics, 2022, 41, .	2.8	1
28	Geophysical Imaging of the Critical Zone along the Eastern Betic Shear Zone (EBSZ), SE Iberian Peninsula. Applied Sciences (Switzerland), 2022, 12, 3398.	2.5	0