Alberto JimÃ©nez-DÃ-az

List of Publications by Year
in descending order

21 papers	460 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	706 citing authors

#	Article	IF	Citations
1	Correction to: spatial variations of the effective elastic thickness and internal load fraction in the Cascadia subduction zone. Geophysical Journal International, 2022, 229, 2033-2033.	2.4	0
2	Spatial variations of the effective elastic thickness and internal load fraction in the Cascadia subduction zone. Geophysical Journal International, 2022, 229, 487-504.	2.4	2
3	The stability of a liquid-water body below the south polar cap of Mars. Icarus, 2022, 383, 115073.	2.5	3
4	The thermal structure and mechanical behavior of the martian lithosphere. Icarus, 2021, 353, 113635.	2.5	3
5	Regional heat flow and subsurface temperature patterns at Elysium Planitia and Oxia Planum areas, Mars. Icarus, 2021, 353, 113379.	2.5	7
6	Topographic, lithospheric and lithologic controls on the transient landscape evolution after the opening of internally-drained basins. Modelling the North Iberian Neogene drainage. Bulletin - Societie Geologique De France, 2021, 192, 45.	2.2	4
7	Ediacaran Obduction of a Foreâ€Arc Ophiolite in SW Iberia: A Turning Point in the Evolving Geodynamic Setting of Periâ€Gondwana. Tectonics, 2019, 38, 95-119.	2.8	26
8	Evidence of thrust faulting and widespread contraction of Ceres. Nature Astronomy, 2019, 3, 916-921.	10.1	5
9	Comments on â€œUsing the viscoelastic relaxation of large impact craters to study the thermal history of Marsâ€•(Karimi etÂal., 2016, Icarus 272, 102â€“113) and â€œStudying lower crustal flow beneath mead basin: Implications for the thermal history and rheology of Venusâ€•(Karimi and Dombard, 2017, Icarus 282,) Tj ETQq1 1 0.784314 rgBT /Overl	2.5	4
10	The Calzadilla Ophiolite (SW Iberia) and the Ediacaran fore-arc evolution of the African margin of Gondwana. Gondwana Research, 2018, 58, 71-86.	6.0	32
11	Thrust fault modeling and Late-Noachian lithospheric structure of the circum-Hellas region, Mars. Icarus, 2017, 288, 53-68.	2.5	18
12	Present-day heat flow model of Mars. Scientific Reports, 2017, 7, 45629.	3.3	50
13	Spatial variations in the effective elastic thickness of the lithosphere in Southeast Asia. Gondwana Research, 2017, 42, 49-62.	6.0	25
14	Modeling of Landslides in Valles Marineris, Mars, and Implications for Initiation Mechanism. Earth, Moon and Planets, 2016, 118, 15-26.	0.6	3
15	The Galiciaâ€“Ossa-Morena Zone: Proposal for a new zone of the Iberian Massif. Variscan implications. Tectonophysics, 2016, 681, 135-143.	2.2	45
16	Lithospheric structure of Venus from gravity and topography. Icarus, 2015, 260, 215-231.	2.5	36
17	Spatial variations of effective elastic thickness of the lithosphere in Central America and surrounding regions. Earth and Planetary Science Letters, 2014, 391, 55-66.	4.4	29
18	The thermal state and strength of the lithosphere in the Spanish Central System and Tajo Basin from crustal heat production and thermal isostasy. Journal of Geodynamics, 2012, 58, 29-37.	1.6	22

#	Article	IF	Citations
19	Recent tectonic model for the Upper Tagus Basin (central Spain). Journal of Iberian Geology, 2012, 38, .	1.3	8
20	The Quaternary Active Faults Database of Iberia (QAFI v.2.0). Journal of Iberian Geology, 2012, 38, .	1.3	69
21	The thermal evolution of Mars as constrained by paleo-heat flows. Icarus, 2011, 215, 508-517.	2.5	69