

Emilio Vera

List of Publications by Year in descending order

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14
papers

543
citations

840776

11
h-index

1125743

13
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14
all docs

14
docs citations

14
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Inversion of an Oligocene volcano-tectonic basin and uplifting of its superimposed Miocene magmatic arc in the Chilean Central Andes: first seismic and gravity evidences. <i>Tectonophysics</i> , 1999, 306, 217-236.	2.2	132
2	Seismic imaging of oceanic layer 2A between 9°30'N and 10°N on the East Pacific Rise from two-ship wide-aperture profiles. <i>Journal of Geophysical Research</i> , 1994, 99, 3031-3041.	3.3	99
3	Crustal seismicity in central Chile. <i>Journal of South American Earth Sciences</i> , 2004, 16, 759-768.	1.4	78
4	Seismicity and tectonics of the South Shetland Islands and Bransfield Strait from a regional broadband seismograph deployment. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	56
5	A teleseismic shear-wave splitting study to investigate mantle flow around South America and implications for plate-driving forces. <i>Geophysical Journal International</i> , 2002, 149, F1-F7.	2.4	33
6	Heterogeneous structure of the Northern Chile marine forearc and its implications for megathrust earthquakes. <i>Geophysical Journal International</i> , 2018, 215, 1080-1097.	2.4	30
7	Crustal and upper mantle structure of southernmost South America inferred from regional waveform inversion. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	22
8	Variability of the bottom-simulating reflector (BSR) and its association with tectonic structures in the Chilean margin between Arauco Gulf (37°S) and Valdivia (40°S). <i>Marine Geophysical Researches</i> , 2009, 30, 1-19.	1.2	22
9	Structural variability at the active continental margin off southernmost Chile. <i>Journal of Geodynamics</i> , 1999, 27, 289-307.	1.6	15
10	Crustal structure of the southernmost Chilean margin from seismic and gravity data. <i>Tectonophysics</i> , 2000, 323, 39-60.	2.2	13
11	Geologic controls on up-dip and along-strike propagation of slip during subduction zone earthquakes from a high-resolution seismic reflection survey across the northern limit of slip during the 2010 Mw 8.8 Maule earthquake, offshore Chile. , 2019, 15, 1751-1773.		12
12	Seismic structure and tectonics of the continental wedge overlying the source region of the Iquique Mw8.1 2014 earthquake. <i>Tectonophysics</i> , 2020, 796, 228629.	2.2	12
13	Relationship Between Subduction Erosion and the Up-Dip Limit of the 2014 Mw 8.1 Iquique Earthquake. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092207.	4.0	10
14	Seismic analysis and distribution of a bottom-simulating reflector (BSR) in the Chilean margin offshore of Valdivia (40° S). <i>Journal of South American Earth Sciences</i> , 2009, 27, 1-10.	1.4	9