

Claudia Piromallo

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

5,144
citations

201385

27
h-index

344852

36
g-index

44
all docs

44
docs citations

44
times ranked

3864
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear wave splitting in the Alpine region. <i>Geophysical Journal International</i> , 2021, 227, 1996-2015.	1.0	12
2	The Transition Zone Beneath West Argentinaâ€”Central Chile Using P â€”S Converted Waves. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019446.	1.4	0
3	Empirical Analysis of Global-Scale Natural Data and Analogue Seismotectonic Modelling Data to Unravel the Seismic Behaviour of the Subduction Megathrust. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	1
4	Mantle Structure in the Central Mediterranean Region From P and S Receiver Functions. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4545-4566.	1.0	5
5	The AlpArray Seismic Network: A Large-Scale European Experiment to Image the Alpine Orogen. <i>Surveys in Geophysics</i> , 2018, 39, 1009-1033.	2.1	138
6	Multivariate statistical analysis to investigate the subduction zone parameters favoring the occurrence of giant megathrust earthquakes. <i>Tectonophysics</i> , 2018, 728-729, 92-103.	0.9	20
7	Surface imprint of toroidal flow at retreating slab edges: The first geodetic evidence in the Calabrian subduction system. <i>Geophysical Research Letters</i> , 2017, 44, 845-853.	1.5	31
8	Contrasting styles of (U)HP rock exhumation along the Cenozoic Adriaâ€”Europe plate boundary (Western Alps, Calabria, Corsica). <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1786-1824.	1.0	102
9	Mantle dynamics in the Mediterranean. <i>Reviews of Geophysics</i> , 2014, 52, 283-332.	9.0	394
10	Structural control on the Tohoku earthquake rupture process investigated by 3D FEM, tsunami and geodetic data. <i>Scientific Reports</i> , 2014, 4, 5631.	1.6	72
11	Aegean tectonics: Strain localisation, slab tearing and trench retreat. <i>Tectonophysics</i> , 2013, 597-598, 1-33.	0.9	419
12	Is there a remnant Variscan subducted slab in the mantle beneath the Paris basin? Implications for the late Variscan lithospheric delamination process and the Paris basin formation. <i>Tectonophysics</i> , 2012, 558-559, 70-83.	0.9	30
13	The INGVterremoti blog: a new communication tool to improve earthquake information during the Po Plain seismic sequence. <i>Annals of Geophysics</i> , 2012, 55, .	0.5	3
14	Topography of the Calabria subduction zone (southern Italy): Clues for the origin of Mt. Etna. <i>Tectonics</i> , 2011, 30, .	1.3	120
15	Physical characteristics of subduction interface type seismogenic zones revisited. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	161
16	Recent tectonic reorganization of the Nubia-Eurasia convergent boundary heading for the closure of the western Mediterranean. <i>Bulletin - Societie Geologique De France</i> , 2011, 182, 279-303.	0.9	108
17	Subduction-triggered magmatic pulses: A new class of plumes?. <i>Earth and Planetary Science Letters</i> , 2010, 299, 54-68.	1.8	211
18	From mantle to crust: Stretching the Mediterranean. <i>Earth and Planetary Science Letters</i> , 2009, 285, 198-209.	1.8	202

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19	Reply to the comment by G. Capponi et al. on "Subduction polarity reversal at the junction between the Western Alps and the Northern Apennines, Italy" by G. Vignaroli et al. (Tectonophysics, 2008, 450), Tj ETQq1 1 0784314 rgBT /Overl	0.7	14
20	Subduction polarity reversal at the junction between the Western Alps and the Northern Apennines, Italy. Tectonophysics, 2008, 450, 34-50.	0.9	125
21	A late Cretaceous contamination episode of the European "Mediterranean mantle. Earth and Planetary Science Letters, 2008, 268, 15-27.	1.8	33
22	Slab disruption, mantle circulation, and the opening of the Tyrrhenian basins. , 2007, , .		29
23	Three-dimensional instantaneous mantle flow induced by subduction. Geophysical Research Letters, 2006, 33, .	1.5	136
24	Mapping mantle flow during retreating subduction: Laboratory models analyzed by feature tracking. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	186
25	Seismic anisotropy reveals the long route of the slab through the western-central Mediterranean mantle. Earth and Planetary Science Letters, 2006, 241, 517-529.	1.8	99
26	Slab detachment beneath eastern Anatolia: A possible cause for the formation of the North Anatolian fault. Earth and Planetary Science Letters, 2006, 242, 85-97.	1.8	331
27	Constraints on mantle circulation around the deforming Calabrian slab. Geophysical Research Letters, 2005, 32, .	1.5	114
28	Lateral slab deformation and the origin of the western Mediterranean arcs. Tectonics, 2004, 23, n/a-n/a.	1.3	680
29	Convergence vs. retreat in Southern Tyrrhenian Sea: Insights from kinematics. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	80
30	How deep can we find the traces of Alpine subduction?. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	56
31	Subduction and the depth of convection in the Mediterranean mantle. Journal of Geophysical Research, 2003, 108, .	3.3	204
32	Pwave tomography of the mantle under the Alpine-Mediterranean area. Journal of Geophysical Research, 2003, 108, .	3.3	599
33	Geodynamic implications of deep mantle upwelling in the source of Tertiary volcanics from the Veneto region (South-Eastern Alps). Journal of Geodynamics, 2003, 36, 563-590.	0.7	52
34	Dynamics of the transition zone under Europe inferred from wavelet cross-spectra of seismic tomography. Physics of the Earth and Planetary Interiors, 2001, 125, 125-139.	0.7	30
35	Improving Seismic Event Location: An Alternative to Three-dimensional Structural Models. , 2001, 158, 319-347.		8
36	Orogens and slabs vs. their direction of subduction. Earth-Science Reviews, 1999, 45, 167-208.	4.0	289

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37	P-wave propagation heterogeneity and earthquake location in the Mediterranean region. <i>Geophysical Journal International</i> , 1998, 135, 232-254.	1.0	15
38	Sea-level fluctuations due to subduction: The role of mantle rheology. <i>Geophysical Research Letters</i> , 1997, 24, 1587-1590.	1.5	8
39	Relative Sea Level Variations Caused by Subduction. <i>Surveys in Geophysics</i> , 1997, 18, 225-238.	2.1	0
40	Imaging the Mediterranean upper mantle by p- wave travel time tomography. <i>Annals of Geophysics</i> , 1997, 40, .	0.5	29
41	AlpArray-Italy: Site description and noise characterization. <i>Advances in Geosciences</i> , 0, 43, 39-52.	12.0	8