

Lucia Margheriti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9025921/publications.pdf>

Version: 2024-02-01

67
papers

2,755
citations

218677

26
h-index

182427

51
g-index

73
all docs

73
docs citations

73
times ranked

2250
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic Anisotropy. , 2021, , 622-635.		0
2	Seismic Surveillance and Earthquake Monitoring in Italy. Seismological Research Letters, 2021, 92, 1659-1671.	1.9	23
3	Caravel: A New Earthworm-Based Open-Source Development for the Italian Seismic Monitoring System. Seismological Research Letters, 2021, 92, 1738-1746.	1.9	3
4	The 2011â€“2014 Pollino Seismic Swarm: Complex Fault Systems Imaged by 1D Refined Location and Shear Wave Splitting Analysis at the Apenninesâ€“Calabrian Arc Boundary. Frontiers in Earth Science, 2021, 9, .	1.8	8
5	Shear wave splitting in the Alpine region. Geophysical Journal International, 2021, 227, 1996-2015.	2.4	12
6	#Stayhome and Guarantee Seismic Surveillance and Tsunami Warning during the COVID-19 Emergency in Italy. Seismological Research Letters, 2021, 92, 53-59.	1.9	5
7	Geometry of the Deep Calabrian Subduction (Central Mediterranean Sea) From Wideâ€“Angle Seismic Data and 3â€“D Gravity Modeling. Geochemistry, Geophysics, Geosystems, 2020, 21, .	2.5	5
8	Reply to Comment by A. Argnani on â€œGeometry of the Deep Calabrian Subduction From Wideâ€“Angle Seismic Data and 3â€“D Gravity Modelingâ€“. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009223.	2.5	4
9	Shear Wave Splitting Evidence and Relations With Stress Field and Major Faults From the â€œAmatriceâ€“Vissoâ€“Norcia Seismic Sequenceâ€“. Tectonics, 2019, 38, 3351-3372.	2.8	18
10	A Complete Automatic Procedure to Compile Reliable Seismic Catalogs and Travelâ€“Time and Strongâ€“Motion Parameters Datasets. Seismological Research Letters, 2019, 90, 1308-1317.	1.9	6
11	Multi-segment rupture of the 2016 Amatrice-Visso-Norcia seismic sequence (central Italy) constrained by the first high-quality catalog of Early Aftershocks. Scientific Reports, 2019, 9, 6921.	3.3	72
12	Crustal Structure of the Ionian Basin and Eastern Sicily Margin: Results From a Wideâ€“Angle Seismic Survey. Journal of Geophysical Research: Solid Earth, 2018, 123, 2090-2114.	3.4	41
13	The AlpArray Seismic Network: A Large-Scale European Experiment to Image the Alpine Orogen. Surveys in Geophysics, 2018, 39, 1009-1033.	4.6	138
14	Active and fossil mantle flows in the western Alpine region unravelled by seismic anisotropy analysis and high-resolution P wave tomography. Tectonophysics, 2018, 731-732, 35-47.	2.2	32
15	Seismic Anisotropy and Its Geodynamic Implications in Iran, the Easternmost Part of the Tethyan Belt. Tectonics, 2018, 37, 4377-4395.	2.8	13
16	The Italian Seismic Bulletin: strategies, revised pickings and locations of the central Italy seismic sequence. Annals of Geophysics, 2016, 59, .	1.0	9
17	SISMIKO: emergency network deployment and data sharing for the 2016 central Italy seismic sequence. Annals of Geophysics, 2016, 59, .	1.0	19
18	The May 20 (MW 6.1) and 29 (MW 6.0), 2012, Emilia (Po Plain, northern Italy) earthquakes: New seismotectonic implications from subsurface geology and high-quality hypocenter location. Tectonophysics, 2015, 655, 107-123.	2.2	24

#	ARTICLE	IF	CITATIONS
19	The L'Aquila trial. Geological Society Special Publication, 2015, 419, 43-55.	1.3	15
20	The 2012 Emilia seismic sequence (Northern Italy): Imaging the thrust fault system by accurate aftershock location. Tectonophysics, 2014, 622, 44-55.	2.2	78
21	Frontal compression along the Apennines thrust system: The Emilia 2012 example from seismicity to crustal structure. Journal of Geodynamics, 2014, 82, 98-109.	1.6	24
22	Looking for layered anisotropic structures in the mantle beneath the northern Apennines. Journal of Geodynamics, 2014, 82, 39-51.	1.6	3
23	Large-scale coherent anisotropy of upper mantle beneath the Italian peninsula comparing quasi-Love waves and SKS splitting. Journal of Geodynamics, 2014, 82, 26-38.	1.6	11
24	ANISOMAT+: An automatic tool to retrieve seismic anisotropy from local earthquakes. Computers and Geosciences, 2013, 56, 62-68.	4.2	16
25	Investigating the Origin of Seismic Swarms. Eos, 2013, 94, 361-362.	0.1	9
26	Further Comment on "AGU Statement Regarding the Conviction of Italian Seismologists". Eos, 2013, 94, 255-255.	0.1	0
27	Hints on the deformation penetration induced by subductions and collision processes: Seismic anisotropy beneath the Adria region (Central Mediterranean). Journal of Geophysical Research: Solid Earth, 2013, 118, 5814-5826.	3.4	29
28	Rapid response to the earthquake emergency of May 2012 in the Po Plain, northern Italy. Annals of Geophysics, 2012, 55, .	1.0	18
29	The 2012 Pianura Padana Emiliana seismic sequence: locations, moment tensors and magnitudes. Annals of Geophysics, 2012, 55, .	1.0	53
30	Turning the rumor of the May 11, 2011, earthquake prediction in Rome, Italy, into an information day on earthquake hazard. Annals of Geophysics, 2012, 55, .	1.0	4
31	Anisotropy patterns in the subducting lithosphere and in the mantle wedge: A case study "The southern Italy subduction system. Journal of Geophysical Research, 2011, 116, .	3.3	35
32	Rapid response seismic networks in Europe: lessons learnt from the L'Aquila earthquake emergency. Annals of Geophysics, 2011, 54, .	1.0	11
33	Temporal variation of seismic velocity and anisotropy before the 2009 M_w 6.3 L'Aquila earthquake, Italy. Geology, 2010, 38, 1015-1018.	4.4	146
34	Stress aligned cracks in the upper crust of the Val d'Agri region as revealed by shear wave splitting. Geophysical Journal International, 2009, 179, 601-614.	2.4	27
35	The 2009 L'Aquila (central Italy) M_w 6.3 earthquake: Main shock and aftershocks. Geophysical Research Letters, 2009, 36, .	4.0	291
36	Understanding Crust Dynamics and Subduction in Southern Italy. Eos, 2008, 89, 225-226.	0.1	8

#	ARTICLE	IF	CITATIONS
37	SKS splitting in Southern Italy: Anisotropy variations in a fragmented subduction zone. <i>Tectonophysics</i> , 2008, 462, 49-67.	2.2	22
38	SKS splitting measurements beneath Northern Apennines region: A case of oblique trench-retreat. <i>Tectonophysics</i> , 2008, 462, 68-82.	2.2	37
39	Subduction rollback, slab breakoff, and induced strain in the uppermost mantle beneath Italy. <i>Geology</i> , 2008, 36, 375.	4.4	25
40	End of subduction in northern Apennines confirmed by observations of quasi-Love waves from the great 2004 Sumatra-Andaman earthquake. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	31
41	Seismic anisotropy reveals focused mantle flow around the Calabrian slab (Southern Italy). <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	65
42	Abrupt change in mantle fabric across northern Apennines detected using seismic anisotropy. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	22
43	Seismic anisotropy reveals the long route of the slab through the western-central Mediterranean mantle. <i>Earth and Planetary Science Letters</i> , 2006, 241, 517-529.	4.4	99
44	Seismic anisotropy beneath the Northern Apennines (Italy): Mantle flow or lithosphere fabric?. <i>Earth and Planetary Science Letters</i> , 2006, 247, 157-170.	4.4	47
45	Seismic anisotropy and its relation with crust structure and stress field in the Reggio Emilia Region (Northern Italy). <i>Geophysical Journal International</i> , 2006, 167, 1035-1043.	2.4	15
46	Space and time variations of crustal anisotropy during the 1997 Umbria-Marche, central Italy, seismic sequence. <i>Geophysical Journal International</i> , 2006, 167, 1482-1490.	2.4	24
47	Constraints on mantle circulation around the deforming Calabrian slab. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	114
48	Toroidal mantle flow around the Calabrian slab (Italy) from SKS splitting. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	110
49	Complex Normal Faulting in the Apennines Thrust-and-Fold Belt: The 1997 Seismic Sequence in Central Italy. <i>Bulletin of the Seismological Society of America</i> , 2004, 94, 99-116.	2.3	84
50	SKSsplitting measurements in the Apenninic-Tyrrhenian domain (Italy) and their relation with lithospheric subduction and mantle convection. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	72
51	Anisotropic seismic structure of the lithosphere beneath the Adriatic coast of Italy constrained with mode-converted body waves. <i>Geophysical Research Letters</i> , 2002, 29, 15-1-15-4.	4.0	21
52	Eurasia-Africa plate boundary region yields new seismographic data. <i>Eos</i> , 2001, 82, 637-637.	0.1	28
53	The Mw 5.4 Reggio Emilia 1996 earthquake: active compressional tectonics in the Po Plain, Italy. <i>Geophysical Journal International</i> , 2001, 144, 1-13.	2.4	75
54	Spatio-temporal distribution of seismic activity during the Umbria-Marche crisis, 1997. <i>Journal of Seismology</i> , 2000, 4, 377-386.	1.3	51

#	ARTICLE	IF	CITATIONS
55	Analysis of Borehole Broadband Recordings: Test Site in the Po Basin, Northern Italy. Bulletin of the Seismological Society of America, 2000, 90, 1454-1463.	2.3	11
56	The April 1996 Irpinia seismic sequence: Evidence for fault interaction. Journal of Seismology, 1999, 3, 105-117.	1.3	37
57	Site response study in Abruzzo (Central Italy): underground array versus surface stations. Journal of Seismology, 1998, 2, 223-236.	1.3	14
58	Passive Seismology and Deep Structure in Central Italy. Pure and Applied Geophysics, 1998, 151, 479-493.	1.9	31
59	The 1997 Umbria-Marche, Italy, Earthquake Sequence: A first look at the main shocks and aftershocks. Geophysical Research Letters, 1998, 25, 2861-2864.	4.0	280
60	Passive Seismology and Deep Structure in Central Italy. , 1998, , 479-493.		11
61	Upper crustal structure in the Potenza area (Southern Apennines, Italy) using Sp converted wave. Annals of Geophysics, 1998, 41, .	1.0	1
62	Seismic anisotropy beneath the Northern Apennines (Italy) and its tectonic implications. Geophysical Research Letters, 1996, 23, 2721-2724.	4.0	61
63	Site amplification at five locations in San Francisco, California: A comparison of <i>S</i> waves, codas, and microtremors. Bulletin of the Seismological Society of America, 1996, 86, 627-635.	2.3	100
64	Shear wave splitting of the 2009 L'Aquila seismic sequence: fluid saturated microcracks and crustal fractures in the Abruzzi region (Central Apennines, Italy). Geophysical Journal International, 0, , .	2.4	5
65	The Italian National Seismic Network and the earthquake and tsunami monitoring and surveillance systems. Advances in Geosciences, 0, 43, 31-38.	12.0	35
66	AlpArray-Italy: Site description and noise characterization. Advances in Geosciences, 0, 43, 39-52.	12.0	8
67	UMTS rapid response real-time seismic networks: implementation and strategies at INGV. Advances in Geosciences, 0, 41, 35-42.	12.0	1