Silvia Castellaro

List of Publications by Year
in descending order

36	999	623734	434195
papers	citations	14 h-index	31 g-index

36	36	36	967
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Combining single-station microtremor and gravity surveys for deep stratigraphic mapping. Geophysics, 2021, 86, G77-G88.	2.6	3
2	Regional Earthquake Magnitude Conversion Relations for the Himalayan Seismic Belt. Seismological Research Letters, 2020, 91, 3195-3207.	1.9	11
3	Detecting 1-D and 2-D ground resonances with a single-station approach. Geophysical Journal International, 2020, 223, 471-487.	2.4	14
4	Potential Instability of Gas Hydrates along the Chilean Margin Due to Ocean Warming. Geosciences (Switzerland), 2019, 9, 234.	2.2	11
5	Reply to â€œComment on â€˜Unbiased Estimation of Moment Magnitude from Bodyâ€•and Surfaceâ€Wave Magnitudesâ€™ by R. Das, H. R. Wason, and M. L. Sharma and â€˜Comparative Analysis of Regression Methods Used for Seismic Magnitudes Conversionsâ€™ by P. Gasperini, B. Lolli, and S. Castellaroâ€•by J. Pujol. Bulletin of the Seismological Society of America, 2018, 108, 548-551.	2.3	2
6	Dynamics of an Active Earthflow Inferred From Surface Wave Monitoring. Journal of Geophysical Research F: Earth Surface, 2018, 123, 1811-1834.	2.8	26
7	The Different Response of Apparently Identical Structures: a Far-Field Lesson from the Mirandola 20 th May 2012 Earthquake. Procedia Engineering, 2017, 199, 2336-2341.	1.2	0
8	Dynamic Characterization of the Eiffel Tower. Procedia Engineering, 2017, 199, 3332-3337.	1.2	2
9	The complementarity of H/V and dispersion curves. Geophysics, 2016, 81, T323-T338.	2.6	65
10	HVSR deep mapping tested down to âˆ¼1.8 km in Po Plane Valley, Italy. Physics of the Earth and Planetary Interiors, 2016, 261, 17-23.	1.9	12
11	Dynamic characterization of the Eiffel tower. Engineering Structures, 2016, 126, 628-640.	5.3	18
12	Soil and structure damping from single station measurements. Soil Dynamics and Earthquake Engineering, 2016, 90, 480-493.	3.8	15
13	A surface seismic approach to liquefaction. Soil Dynamics and Earthquake Engineering, 2015, 77, 35-46.	3.8	8
14	Comparative Analysis of Regression Methods Used for Seismic Magnitude Conversions. Bulletin of the Seismological Society of America, 2015, 105, 1787-1791.	2.3	20
15	Measuring shear wave velocity, Vs, of a hidden layer: an application to soil improvement under roads. Canadian Geotechnical Journal, 2015, 52, 721-731.	2.8	4
16	Simplified seismic soil classification: the Vfz matrix. Bulletin of Earthquake Engineering, 2014, 12, 735-754.	4.1	19
17	The different response of apparently identical structures: a far-field lesson from the Mirandola 20th May 2012 earthquake. Bulletin of Earthquake Engineering, 2014, 12, 2481-2493.	4.1	18
18	A seismic passive imaging step beyond SPAC and ReMi. Geophysics, 2013, 78, KS63-KS72.	2.6	11

#	Article	IF	Citations
19	Passive Seismic Survey for Cultural Heritage Landslide Risk Assessment. , 2013, , 483-489.		3
20	Simplified Seismic Soil Classification: The VfZ Approach. , 2013, , .		1
21	A Statistical Low Noise Model of the Earth. Seismological Research Letters, 2012, 83, 585-587.	1.9	0
22	A new hydrostratigraphic model of Venice area (Italy). Environmental Earth Sciences, 2012, 66, 1021-1030.	2.7	14
23	Nondiffuse elastic and anelastic passive imaging. Journal of the Acoustical Society of America, 2010, 127, 1391-1396.	1.1	7
24	How Far from a Building Does the Ground-Motion Free-Field Start? The Cases of Three Famous Towers and a Modern Building. Bulletin of the Seismological Society of America, 2010, 100, 2080-2094.	2.3	28
25	The Effect of Velocity Inversions on H/V. Pure and Applied Geophysics, 2009, 166, 567-592.	1.9	111
26	Experimental Uncertainty on the Vs(z) Profile and Seismic Soil Classification. Seismological Research Letters, 2009, 80, 985-988.	1.9	8
27	VS30 Estimates Using Constrained H/V Measurements. Bulletin of the Seismological Society of America, 2009, 99, 761-773.	2.3	134
28	Georadar and passive seismic survey in the Roman Amphitheatre of Catania (Sicily). Journal of Cultural Heritage, 2008, 9, 357-366.	3.3	26
29	Vs30: Proxy for Seismic Amplification?. Seismological Research Letters, 2008, 79, 540-543.	1.9	180
30	Passive Imaging in Nondiffuse Acoustic Wavefields. Physical Review Letters, 2008, 100, 218501.	7.8	19
31	Classification of pre-eruption and non-pre-eruption epochs at Mount Etna volcano by means of artificial neural networks. Geophysical Research Letters, 2007, 34, .	4.0	2
32	Regression problems for magnitudes. Geophysical Journal International, 2006, 165, 913-930.	2.4	164
33	Earthquakes as three stage processes. Geophysical Journal International, 2004, 158, 98-108.	2.4	14
34	What criticality in cellular automata models of earthquakes?. Geophysical Journal International, 2002, 150, 483-493.	2.4	15
35	A simple but effective cellular automaton for earthquakes. Geophysical Journal International, 2001, 144, 609-624.	2.4	14
36	Continuous monitoring of surface wave velocity at the Montevecchio earthflow (ForlÃ¬-Cesena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.3	0