Sebastiano Imposa

List of Publications by Year
in descending order

27	368	687220 13	794469 19
papers	citations	h-index	g-index

29	29	29	360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D subsoil reconstruction of a mud volcano in central Sicily by means of geophysical surveys. Acta Geophysica, 2022, 70, 1083-1102.	1.0	4
2	Geophysical surveys integrated with rainfall data analysis for the study of soil piping phenomena occurred in a densely urbanized area in eastern Sicily. Natural Hazards, 2021, 108, 2467-2492.	1.6	8
3	Applied geophysics to support the cultural heritage safeguard: A quick and non-invasive method to evaluate the dynamic response of a great historical interest building. Journal of Applied Geophysics, 2021, 189, 104321.	0.9	7
4	Quaternary negative tectonic inversion along the Sibillini Mts. thrust zone: the Arquata del Tronto case history (Central Italy). Environmental Earth Sciences, 2019, 78, 1.	1.3	9
5	Geophysical surveys for the dynamic characterization of a cultural heritage building and its subsoil: The S. Michele Arcangelo Church (Acireale, eastern Sicily). Journal of Cultural Heritage, 2019, 36, 72-84.	1.5	12
6	Seismic refraction tomography surveys as a method for voids detection: an application to the archaeological park of Cava Ispica, Sicily, Italy. International Journal of Architectural Heritage, 2018, 12, 806-815.	1.7	13
7	The unstable eastern flank of Mt. Etna volcano (Italy): First results of a GNSS-based network at its southeastern edge. Journal of Volcanology and Geothermal Research, 2018, 357, 418-424.	0.8	15
8	Ambient Vibrations Measurements and 1D Site Response Modelling as a Tool for Soil and Building Properties Investigation. Geosciences (Switzerland), 2018, 8, 87.	1.0	13
9	3D Subsoil Model of the San Biagio â€˜Salinelleâ€™ Mud Volcanoes (Belpasso, Sicily) derived from Geophysical Surveys. Surveys in Geophysics, 2016, 37, 1117-1138.	2.1	25
10	A microtremor survey to define the subsoil structure in a mud volcanoes area: the case study of Salinelle (Mt. Etna, Italy). Environmental Earth Sciences, 2016, 75, 1.	1.3	19
11	Evaluation of the stability of a rock cliff by means of geophysical and geomechanical surveys in a cultural heritage site (south-eastern Sicily). Italian Journal of Geosciences, 2016, 135, 308-323.	0.4	27
12	Modelling the longâ€term deformation of the sedimentary substrate of Mt. Etna volcano (Italy). Terra Nova, 2015, 27, 338-345.	0.9	13
13	Geological, seismological and geodetic evidence of active thrusting and folding south of Mt. Etna (eastern Sicily): Revaluation of â€œseismic efficiencyâ€•of the Sicilian Basal Thrust. Journal of Geodynamics, 2015, 90, 32-41.	0.7	31
14	Applying geophysical techniques to investigate a segment of a creeping fault in the urban area of San Gregorio di Catania, southern flank of Mt. Etna (Sicily â€" Italy). Journal of Applied Geophysics, 2015, 123, 153-163.	0.9	20
15	Georadar survey inside the Santa Maria Maggiore church of Ispica (Sicily-Italy). Environmental Earth Sciences, 2015, 73, 1939-1949.	1.3	6
16	Characterization of Decay in the Wooden Roof of the S. Agata Church of Ragusa Ibla (Southeastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Architectural Heritage, 2014, 8, 213-223.	1.7	16
17	New evidence for Late Quaternary deformation of the substratum of Mt. Etna volcano (Sicily, Italy): clues indicate active crustal doming. Bulletin of Volcanology, 2014, 76, 1.	1.1	23
18	Ground Penetrating Radar Survey Inside the S. Agata Cathedral of Catania (Eastern Sicily). International Journal of Architectural Heritage, 2011, 5, 188-197.	1.7	8

#	Article	IF	Citations
19	Lava trees and tree molds (â€œcannon stonesâ€) of Mt. Etna. Bulletin of Volcanology, 2011, 73, 633-638.	1.1	5
20	Chronicle of the 1865, NE flank eruption of Mt. Etna and geomorphologic survey of the Mts. Sartorius area. Bulletin of Volcanology, 2011, 73, 1155-1162.	1.1	1
21	A procedure to estimate the seismic hazard in an urban area: an application to Acireale (Eastern Sicily). Environmental Earth Sciences, 2011, 64, 1777-1786.	1.3	3
22	Infrared thermography and Georadar techniques applied to the â€œSala delle Nicchieâ€•(Niches Hall) of Palazzo Pitti, Florence (Italy). Journal of Cultural Heritage, 2010, 11, 259-264.	1.5	26
23	Accurate hypocentre locations in the Middle-Durance Fault Zone, South-Eastern France. Open Geosciences, 2009, 1, 416-423.	0.6	1
24	Focal parameters of seismic sources during the 1981 and 1983 eruption at Mt. Etna volcano (Sicily,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	2
25	Ground penetrating radar (G.P.R.) surveys applied to the research of crypts in San Sebastiano's church in Catania (Sicily). Journal of Cultural Heritage, 2007, 8, 73-76.	1.5	26
26	Recent deep earthquake occurrence at Mt. Etna (Sicily, Italy). Physics of the Earth and Planetary Interiors, 1997, 102, 277-289.	0.7	9
27	Upwards migration of seismic focii: A forerunner of the 1989 eruption of Mt Etna (Italy). Bulletin of Volcanology, 1993, 55, 357-361.	1.1	26