

Sebastiano Imposa

List of Publications by Year in descending order

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27
papers

368
citations

687220

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29
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29
docs citations

29
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Geological, seismological and geodetic evidence of active thrusting and folding south of Mt. Etna (eastern Sicily): Reevaluation of seismic efficiency of the Sicilian Basal Thrust. <i>Journal of Geodynamics</i> , 2015, 90, 32-41.	0.7	31
2	Evaluation of the stability of a rock cliff by means of geophysical and geomechanical surveys in a cultural heritage site (south-eastern Sicily). <i>Italian Journal of Geosciences</i> , 2016, 135, 308-323.	0.4	27
3	Upwards migration of seismic foci: A forerunner of the 1989 eruption of Mt Etna (Italy). <i>Bulletin of Volcanology</i> , 1993, 55, 357-361.	1.1	26
4	Ground penetrating radar (G.P.R.) surveys applied to the research of crypts in San Sebastiano's church in Catania (Sicily). <i>Journal of Cultural Heritage</i> , 2007, 8, 73-76.	1.5	26
5	Infrared thermography and Georadar techniques applied to the "Sala delle Nicchie" (Niches Hall) of Palazzo Pitti, Florence (Italy). <i>Journal of Cultural Heritage</i> , 2010, 11, 259-264.	1.5	26
6	3D Subsoil Model of the San Biagio "Salinelle" Mud Volcanoes (Belpasso, Sicily) derived from Geophysical Surveys. <i>Surveys in Geophysics</i> , 2016, 37, 1117-1138.	2.1	25
7	New evidence for Late Quaternary deformation of the substratum of Mt. Etna volcano (Sicily, Italy): clues indicate active crustal doming. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	23
8	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 "Italy). <i>Journal of Applied Geophysics</i> , 2015, 123, 153-163.	0.9	20
9	A microtremor survey to define the subsoil structure in a mud volcanoes area: the case study of Salinelle (Mt. Etna, Italy). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	19
10	Characterization of Decay in the Wooden Roof of the S. Agata Church of Ragusa Ibla (Southeastern Sicily). <i>Architectural Heritage</i> , 2014, 8, 213-223.	1.7	16
11	The unstable eastern flank of Mt. Etna volcano (Italy): First results of a GNSS-based network at its southeastern edge. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 357, 418-424.	0.8	15
12	Modelling the long-term deformation of the sedimentary substrate of Mt. Etna volcano (Italy). <i>Terra Nova</i> , 2015, 27, 338-345.	0.9	13
13	Seismic refraction tomography surveys as a method for voids detection: an application to the archaeological park of Cava Ispica, Sicily, Italy. <i>International Journal of Architectural Heritage</i> , 2018, 12, 806-815.	1.7	13
14	Ambient Vibrations Measurements and 1D Site Response Modelling as a Tool for Soil and Building Properties Investigation. <i>Geosciences (Switzerland)</i> , 2018, 8, 87.	1.0	13
15	Geophysical surveys for the dynamic characterization of a cultural heritage building and its subsoil: The S. Michele Arcangelo Church (Acireale, eastern Sicily). <i>Journal of Cultural Heritage</i> , 2019, 36, 72-84.	1.5	12
16	Recent deep earthquake occurrence at Mt. Etna (Sicily, Italy). <i>Physics of the Earth and Planetary Interiors</i> , 1997, 102, 277-289.	0.7	9
17	Quaternary negative tectonic inversion along the Sibillini Mts. thrust zone: the Arquata del Tronto case history (Central Italy). <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	9
18	Ground Penetrating Radar Survey Inside the S. Agata Cathedral of Catania (Eastern Sicily). <i>International Journal of Architectural Heritage</i> , 2011, 5, 188-197.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Geophysical surveys integrated with rainfall data analysis for the study of soil piping phenomena occurred in a densely urbanized area in eastern Sicily. <i>Natural Hazards</i> , 2021, 108, 2467-2492.	1.6	8
20	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. <i>Journal of Applied Geophysics</i> , 2021, 189, 104321.	0.9	7
21	Georadar survey inside the Santa Maria Maggiore church of Ispica (Sicily-Italy). <i>Environmental Earth Sciences</i> , 2015, 73, 1939-1949.	1.3	6
22	Lava trees and tree molds (â€œcannon stonesâ€) of Mt. Etna. <i>Bulletin of Volcanology</i> , 2011, 73, 633-638.	1.1	5
23	3D subsoil reconstruction of a mud volcano in central Sicily by means of geophysical surveys. <i>Acta Geophysica</i> , 2022, 70, 1083-1102.	1.0	4
24	A procedure to estimate the seismic hazard in an urban area: an application to Acireale (Eastern Sicily). <i>Environmental Earth Sciences</i> , 2011, 64, 1777-1786.	1.3	3
25	Focal parameters of seismic sources during the 1981 and 1983 eruption at Mt. Etna volcano (Sicily,) Tj ETQq1 1 0.784314 rgBT /Overbo 1.2	1.2	2
26	Accurate hypocentre locations in the Middle-Durance Fault Zone, South-Eastern France. <i>Open Geosciences</i> , 2009, 1, 416-423.	0.6	1
27	Chronicle of the 1865, NE flank eruption of Mt. Etna and geomorphologic survey of the Mts. Sartorius area. <i>Bulletin of Volcanology</i> , 2011, 73, 1155-1162.	1.1	1