

Giuseppe Casula

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

641
citations

13
h-index

25
g-index

36
ext. papers

706
ext. citations

3.3
avg, IF

3.58
L-index

#	Paper	IF	Citations
31	Decay Detection in an Ancient Column with Combined Close-Range Photogrammetry (CRP) and Ultrasonic Tomography. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1114	2.4	
30	3D Imaging of CRP and Ultrasonic Tomography to Detect Decay in a Living Adult Holm Oak (<i>Quercus ilex</i> L.) in Sardinia (Italy). <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1199	2.6	2
29	A Contribution to the Geological Characterization of a Potential Caprock-Reservoir System in the Sulcis Coal Basin (South-Western Sardinia). <i>Energies</i> , 2019 , 12, 4524	3.1	5
28	Characterization of Rock Samples by A High-Resolution Multi-Technique Non-Invasive Approach. <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 664	2.4	8
27	An innovative methodology for the non-destructive diagnosis of architectural elements of ancient historical buildings. <i>Scientific Reports</i> , 2018 , 8, 4334	4.9	25
26	Integrated ultrasonic, laser scanning and petrographical characterisation of carbonate building materials on an architectural structure of a historic building. <i>Bulletin of Engineering Geology and the Environment</i> , 2017 , 76, 71-84	4	32
25	The MASSIMO system for the safeguarding of historic buildings in a seismic area: operationally-oriented platforms. <i>European Journal of Remote Sensing</i> , 2016 , 49, 397-415	2.9	4
24	Geodynamics of the Calabrian Arc area (Italy) inferred from a dense GNSS network observations. <i>Geodesy and Geodynamics</i> , 2016 , 7, 76-86	1.8	6
23	Comparison of the historic seismicity and strain-rate pattern from a dense GPS-GNSS network solution in the Italian Peninsula. <i>Geodesy and Geodynamics</i> , 2016 , 7, 303-316	1.8	3
22	Detailed Petrophysical and Geophysical Characterization of Core Samples from the Potential Caprock-reservoir System in the Sulcis Coal Basin (Southwestern Sardinia Italy). <i>Energy Procedia</i> , 2015 , 76, 503-511	2.3	8
21	Combined use of terrestrial laser scanning and IR thermography applied to a historical building. <i>Sensors</i> , 2014 , 15, 194-213	3.8	65
20	A laser scanning-based method for fast estimation of seismic-induced building deformations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013 , 79, 185-198	11.8	57
19	Remote Sensing and Geodetic Measurements for Volcanic Slope Monitoring: Surface Variations Measured at Northern Flank of La Fossa Cone (Vulcano Island, Italy). <i>Remote Sensing</i> , 2013 , 5, 2238-2256 ⁵		16
18	Strain rate computation in Northern Victoria Land (Antarctica) from episodic GPS surveys. <i>Geophysical Journal International</i> , 2012 , 189, 851-862	2.6	3
17	Strategy for the detection of vertical movements in historical environments from fast high-precision GPS measurements. <i>Journal of Geophysics and Engineering</i> , 2012 , 9, 230-240	1.3	4
16	Technologies and new approaches used by the INGV EMERGEO Working Group for real-time data sourcing and processing during the Emilia Romagna (northern Italy) 2012 earthquake sequence. <i>Annals of Geophysics</i> , 2012 , 55,	1.1	12
15	Laser scanning the Garisenda and Asinelli towers in Bologna (Italy): Detailed deformation patterns of two ancient leaning buildings. <i>Journal of Cultural Heritage</i> , 2011 , 12, 117-127	2.9	72

14	Multitemporal laser scanner-based observation of the Mt. Vesuvius crater: Characterization of overall geometry and recognition of landslide events. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011 , 66, 327-336	11.8	24
13	Detection of Terrain Morphologic Features Using GPS, TLS, and Land Surveys: Ħana della Volpe Blind Valley Case Study. <i>Journal of Surveying Engineering, - ASCE</i> , 2010 , 136, 132-138	1.3	16
12	SURMODERR: A MATLAB toolbox for estimation of velocity uncertainties of a non-permanent GPS station. <i>Computers and Geosciences</i> , 2010 , 36, 1033-1041	4.5	5
11	The RING network: improvement of a GPS velocity field in the central Mediterranean. <i>Annals of Geophysics</i> , 2010 , 53,	1.1	9
10	Improving strain rate estimation from velocity data of non-permanent GPS stations: the Central Apennine study case (Italy). <i>GPS Solutions</i> , 2009 , 13, 249-261	4.4	15
9	An experimental application of a 3D terrestrial laser scanner and acoustic techniques in assessing the quality of the stones used in monumental structures. <i>International Journal of Microstructure and Materials Properties</i> , 2009 , 4, 45	0.4	13
8	POST-LATE MIOCENE KINEMATICS OF THE ADRIA MICROPLATE: INFERENCES FROM GEOLOGICAL, GEOPHYSICAL AND GEODETIC DATA 2006 , 51-69		4
7	Global Positioning Systems and digital photogrammetry for the monitoring of mass movements: application to the Ca' di Malta landslide (northern Apennines, Italy). <i>Engineering Geology</i> , 2003 , 68, 103-121	6	96
6	Insights into present-day crustal motion in the central Mediterranean area from GPS surveys. <i>Geophysical Journal International</i> , 2001 , 146, 98-110	2.6	62
5	Repeated GPS surveys across the Ionian Sea: evidence of crustal deformations. <i>Geophysical Journal International</i> , 1996 , 127, 257-267	2.6	34
4	A calibration system for superconducting gravimeters. <i>Bulletin Geodesique</i> , 1995 , 69, 73-80		24
3	Modeling environmental bias and computing velocity field from data of Terra Nova Bay GPS network in Antarctica by means of a quasi-observation processing approach. <i>US Geological Survey Open-File Report</i> ,		2
2	Three-dimensional imaging from laser scanner, photogrammetric and acoustic non-destructive techniques in the characterization of stone building materials. <i>Advances in Geosciences</i> , 45 , 57-62		8
1	High resolution 3-D modelling of cylinder shape bodies applied to ancient columns of a church. <i>Advances in Geosciences</i> , 54 , 119-127		5