

Gabriele Bitelli

List of Publications by Citations

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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.

44
papers

845
citations

14
h-index

28
g-index

47
ext. papers

981
ext. citations

2.8
avg, IF

4.37
L-index

#	Paper	IF	Citations
44	Preliminary Comparison of Sentinel-2 and Landsat 8 Imagery for a Combined Use. <i>Remote Sensing</i> , 2016 , 8, 1014	5	135
43	Comparison of techniques for generating digital terrain models from contour lines. <i>International Journal of Geographical Information Science</i> , 1997 , 11, 451-473	4.1	109
42	From Laser Scanning to Finite Element Analysis of Complex Buildings by Using a Semi-Automatic Procedure. <i>Sensors</i> , 2015 , 15, 18360-80	3.8	84
41	Object-Oriented Image Understanding and Post-Earthquake Damage Assessment for the 2003 Bam, Iran, Earthquake. <i>Earthquake Spectra</i> , 2005 , 21, 225-238	3.4	70
40	Laser scanning on road pavements: a new approach for characterizing surface texture. <i>Sensors</i> , 2012 , 12, 9110-28	3.8	66
39	Levelling and GPS networks to monitor ground subsidence in the Southern Po Valley. <i>Journal of Geodynamics</i> , 2000 , 30, 355-369	2.2	55
38	Geophysical survey at Talos Dome, East Antarctica: the search for a new deep-drilling site. <i>Annals of Glaciology</i> , 2004 , 39, 423-432	2.5	41
37	Back Analysis of the 2014 San Leo Landslide Using Combined Terrestrial Laser Scanning and 3D Distinct Element Modelling. <i>Rock Mechanics and Rock Engineering</i> , 2016 , 49, 2235-2251	5.7	28
36	Satellite remote sensing and GIS-based multi-criteria analysis for flood hazard mapping. <i>Natural Hazards</i> , 2016 , 83, 31-51	3	27
35	Monitoring desertification by remote sensing using the Tasselled Cap transform for long-term change detection. <i>Natural Hazards</i> , 2016 , 83, 223-237	3	25
34	Space geodesy as a tool for measuring ice surface velocity in the Dome C region and along the ITASE traverse. <i>Annals of Glaciology</i> , 2004 , 39, 402-408	2.5	24
33	Remote sensing analysis for flood risk management in urban sprawl contexts. <i>Geomatics, Natural Hazards and Risk</i> , 2015 , 6, 583-599	3.6	18
32	Metrical use of declassified satellite imagery for an area of archaeological interest in Turkey. <i>Journal of Cultural Heritage</i> , 2009 , 10, e35-e40	2.9	18
31	Aerial Thermography for Energetic Modelling of Cities. <i>Remote Sensing</i> , 2015 , 7, 2152-2170	5	17
30	Cartographic heritage: Toward unconventional methods for quantitative analysis of pre-geodetic maps. <i>Journal of Cultural Heritage</i> , 2014 , 15, 183-195	2.9	14
29	Terrestrial Remote Sensing techniques to complement conventional geomechanical surveys for the assessment of landslide hazard: The San Leo case study (Italy). <i>European Journal of Remote Sensing</i> , 2015 , 48, 639-660	2.9	13
28	Multi-Image and Multi-Sensor Change Detection for Long-Term Monitoring of Arid Environments With Landsat Series. <i>Remote Sensing</i> , 2015 , 7, 14019-14038	5	13

27	A Study on Texture and Acoustic Properties of Cold Laid Microsurfacings. <i>Procedia, Social and Behavioral Sciences</i> , 2012 , 53, 223-234		10
26	Geomatics science applied to cartographic heritage and archive sources: A new way to explore the XIXth century Gregorian Cadastre of Bologna (Italy), an ante-litteram 3D GIS. <i>Journal of Cultural Heritage</i> , 2017 , 23, 68-76	2.9	9
25	NEARCHOS. Networked Archaeological Open Science: Advances in Archaeology Through Field Analytics and Scientific Community Sharing. <i>Journal of Archaeological Research</i> , 2018 , 26, 447-469	4.4	8
24	Intact rock bridge breakage and rock mass fragmentation upon failure: quantification using remote sensing techniques. <i>Photogrammetric Record</i> , 2017 , 32, 513-536	1.7	7
23	The potential of 3D techniques for cultural heritage object documentation 2007 ,		7
22	GIS and Geomatics for archive documentation of an architectural project: The case of the big Arc of entrance to the Vittorio Emanuele II Gallery of Milan, by Giuseppe Mengoni (1877). <i>Journal of Cultural Heritage</i> , 2019 , 38, 204-212	2.9	5
21	Semi-automatic Evaluation of the Degree of Bitumen Coverage on Bitumen-Coated Aggregates. <i>RILEM Bookseries</i> , 2016 , 15-24	0.5	4
20	Integrated Methodologies for the 3D Survey and the Structural Monitoring of Industrial Archaeology: The Case of the Casalecchio di Reno Sluice, Italy. <i>International Journal of Geophysics</i> , 2011 , 2011, 1-8	2	4
19	New hypotheses and interpretations regarding the Longobard Basin in the Jerusalem of Bologna supported by 3D surveying methodologies. <i>Journal of Cultural Heritage</i> , 2020 , 46, 226-234	2.9	4
18	On the generation of numerical models from point clouds for the analysis of damaged Cultural Heritage. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 364, 012083	0.4	4
17	4-dimensional recording and visualization of urban archeological excavations. <i>Applied Geomatics</i> , 2018 , 10, 415-426	2.2	4
16	Integration of different geospatial data in urban areas: a case of study 2014 ,		3
15	Geomatics Applications in Cahuachi and Nasca Territory 2016 , 581-591		3
14	High-precision topographical methodology for determining height differences when crossing impassable areas. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 118, 147-155	4.6	2
13	Atmospheric correction issues for water quality assessment from remote sensing: the case of Lake Qarun (Egypt) 2010 ,		2
12	Remote Sensing and Integration with Other Geomatic Techniques in Archaeology. <i>Remote Sensing and Digital Image Processing</i> , 2012 , 113-127	0.2	2
11	Salt Effects in Plastered and Unplastered Outdoors Brick Masonry: Quantitative Laser Monitoring of Surface Decay Evolution. <i>International Journal of Architectural Heritage</i> , 2015 , 9, 581-593	2.1	1
10	Use of Landsat imagery to detect land cover changes for monitoring soil sealing; case study: Bologna province (Italy) 2014 ,		1

9	Empirical model for salinity assessment on lacustrine and coastal waters by remote sensing 2011 ,		1
8	Multi-scale Remote Sensed Thermal Mapping of Urban Environments: Approaches and Issues. <i>Communications in Computer and Information Science</i> , 2020 , 375-386	0.3	1
7	Remote Sensing Techniques in a Multidisciplinary Approach for the Preservation of Cultural Heritage Sites from Natural Hazard: The Case of Valmarecchia Rock Slabs (RN, Italy) 2015 , 317-321		1
6	Hyperspectral Data Classification to Support the Radiometric Correction of Thermal Imagery. <i>Lecture Notes in Computer Science</i> , 2017 , 81-92	0.9	1
5	Microclimate Classification of Bologna (Italy) as a Support Tool for Urban Services and Regeneration. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
4	Flood mapping using VHR satellite imagery: a comparison between different classification approaches 2016 ,		1
3	High-resolution 3D survey and visualization of Mesopotamian artefacts bearing cuneiform inscriptions 2018 ,		1
2	Use of Non-professional UAV Video Sequences for the 3D Modelling of Archaeological Sites by SfM Techniques. <i>Communications in Computer and Information Science</i> , 2020 , 282-295	0.3	
1	A View from Above. Geodesy and Satellite Image Analysis in the Islahiye Valley 2020 , 43-53		