

Valentina Alena Girelli

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

414
citations

933447

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940533

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27
all docs

27
docs citations

27
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental results for structural design of Wire-and-Arc Additive Manufactured stainless steel members. Journal of Constructional Steel Research, 2020, 167, 105858.	3.9	67
2	On the influence of the geometrical irregularities in the mechanical response of Wire-and-Arc Additively Manufactured planar elements. Journal of Constructional Steel Research, 2021, 178, 106490.	3.9	55
3	Back Analysis of the 2014 San Leo Landslide Using Combined Terrestrial Laser Scanning and 3D Distinct Element Modelling. Rock Mechanics and Rock Engineering, 2016, 49, 2235-2251.	5.4	37
4	Structure from Motion for aerial thermal imagery at city scale: Pre-processing, camera calibration, accuracy assessment. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 146, 320-333.	11.1	29
5	HISTORICAL PHOTOGRAMMETRY AND TERRESTRIAL LASER SCANNING FOR THE 3D VIRTUAL RECONSTRUCTION OF DESTROYED STRUCTURES: A CASE STUDY IN ITALY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5/W1, 113-119.	0.2	25
6	Aerial Thermography for Energetic Modelling of Cities. Remote Sensing, 2015, 7, 2152-2170.	4.0	23
7	Metric use of declassified satellite imagery for an area of archaeological interest in Turkey. Journal of Cultural Heritage, 2009, 10, e35-e40.	3.3	22
8	Terrestrial Remote Sensing techniques to complement conventional geomechanical surveys for the assessment of landslide hazard: The San Leo case study (Italy). European Journal of Remote Sensing, 2015, 48, 639-660.	3.5	22
9	Mechanical response of dot-by-dot wire-and-arc additively manufactured 304L stainless steel bars under tensile loading. Construction and Building Materials, 2022, 318, 125925.	7.2	22
10	Integration of Aerial Thermal Imagery, LiDAR Data and Ground Surveys for Surface Temperature Mapping in Urban Environments. Remote Sensing, 2016, 8, 880.	4.0	15
11	3D GEOMATICS TECHNIQUES FOR AN INTEGRATED APPROACH TO CULTURAL HERITAGE KNOWLEDGE: THE CASE OF SAN MICHELE IN ACERBOLI'S CHURCH IN SANTARCANGELO DI ROMAGNA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5/W1, 291-296.	0.2	15
12	The potential of 3D techniques for cultural heritage object documentation. , 2007, , .		12
13	Metric Accuracy of Digital Elevation Models from WorldView-3 Stereo-Pairs in Urban Areas. Remote Sensing, 2019, 11, 878.	4.0	11
14	Integrated Methodologies for the 3D Survey and the Structural Monitoring of Industrial Archaeology: The Case of the Casalecchio di Reno Sluice, Italy. International Journal of Geophysics, 2011, 2011, 1-8.	1.1	9
15	4-dimensional recording and visualization of urban archeological excavations. Applied Geomatics, 2018, 10, 415-426.	2.5	7
16	Pull-out behavior of twisted steel connectors employed in masonry: The influence of the substrate. Construction and Building Materials, 2021, 274, 122115.	7.2	7
17	HIGH RESOLUTION 3D ACQUISITION AND MODELLING IN CULTURAL HERITAGE KNOWLEDGE AND RESTORATION PROJECTS: THE SURVEY OF THE FOUNTAIN OF NEPTUNE IN BOLOGNA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 573-578.	0.2	7
18	3D DIGITISATION IN CULTURAL HERITAGE KNOWLEDGE AND PRESERVATION: THE CASE OF THE NEPTUNE STATUE IN BOLOGNA AND ITS ARCHETYPE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 1403-1408.	0.2	7

#	ARTICLE	IF	CITATIONS
19	Multi-Temporal Investigation of the Boulder Clay Glacier and Northern Foothills (Victoria Land,) Tj ETQq1 1 0.784314.rgBT /Oyerlock 10	4.0	0
20	INTEGRATED USE OF REMOTE SENSED DATA AND NUMERICAL CARTOGRAPHY FOR THE GENERATION OF 3D CITY MODELS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 97-102.	0.2	6
21	INTEGRATION OF GEOMATICS TECHNIQUES FOR DIGITIZING HIGHLY RELEVANT GEOLOGICAL AND CULTURAL HERITAGE SITES: THE CASE OF SAN LEO (ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W5, 281-286.	0.2	5
22	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.		2
23	Multi-scale Remote Sensed Thermal Mapping of Urban Environments: Approaches and Issues. Communications in Computer and Information Science, 2020, , 375-386.	0.5	1
24	3D IMAGE-BASED SURVEYING OF THE SAFE OF THE OBELLIO FIRMO <i>DOMUS</i> IN POMPEII. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 1389-1394.	0.2	1
25	Use of Non-professional UAV Video Sequences for the 3D Modelling of Archaeological Sites by SfM Techniques. Communications in Computer and Information Science, 2020, , 282-295.	0.5	1
26	A View from Above. Geodesy and Satellite Image Analysis in the Islahiye Valley. , 2020, , 43-53.		0
27	VERY HIGH-RESOLUTION 3D SURVEYING AND MODELLING EXPERIENCES IN CIVIL ENGINEERING APPLICATIONS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2022, 673-678.	0.2	0