

Claudio Vanneschi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

399
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated remote sensing-GIS approach for the analysis of an open pit in the Carrara marble district, Italy: Slope stability assessment through kinematic and numerical methods. <i>Computers and Geotechnics</i> , 2015, 67, 46-63.	4.7	67
2	The use of an unmanned aerial vehicle for fracture mapping within a marble quarry (Carrara, Italy): photogrammetry and discrete fracture network modelling. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 34-52.	4.3	62
3	SfM-MVS Photogrammetry for Rockfall Analysis and Hazard Assessment Along the Ancient Roman Via Flaminia Road at the Furlo Gorge (Italy). <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 325.	2.9	36
4	Use of a remotely piloted aircraft system for hazard assessment in a rocky mining area (Lucca, Italy). <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 287-302.	3.6	34
5	Evaluation of the Use of UAV Photogrammetry for Rock Discontinuity Roughness Characterization. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 3699-3720.	5.4	30
6	The Use of Remote Sensing Techniques for Monitoring and Characterization of Slope Instability. <i>Procedia Engineering</i> , 2017, 191, 150-157.	1.2	27
7	Geological 3D modeling for excavation activity in an underground marble quarry in the Apuan Alps (Italy). <i>Computers and Geosciences</i> , 2014, 69, 41-54.	4.2	24
8	Investigation of landslide failure mechanisms adjacent to lignite mining operations in North Bohemia (Czech Republic) through a limit equilibrium/finite element modelling approach. <i>Geomorphology</i> , 2018, 320, 142-153.	2.6	22
9	Application of Remote Sensing Data for Evaluation of Rockfall Potential within a Quarry Slope. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 367.	2.9	22
10	Application of an integrated geotechnical and topographic monitoring system in the Lorano marble quarry (Apuan Alps, Italy). <i>Geomorphology</i> , 2015, 241, 209-223.	2.6	20
11	Fracture mapping in challenging environment: a 3D virtual reality approach combining terrestrial LiDAR and high definition images. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 691-707.	3.5	15
12	Investigation and modeling of direct toppling using a three-dimensional distinct element approach with incorporation of point cloud geometry. <i>Landslides</i> , 2019, 16, 1453-1465.	5.4	12
13	Hazard Assessment of Rocky Slopes: An Integrated Photogrammetryâ€“GIS Approach Including Fracture Density and Probability of Failure Data. <i>Remote Sensing</i> , 2022, 14, 1438.	4.0	9
14	Assessment of a Rock Pillar Failure by Using Change Detection Analysis and FEM Modelling. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 774.	2.9	4
15	EVALUATION OF CAMERA POSITIONS AND GROUND POINTS QUALITY IN A GNSS-NRTK BASED UAV SURVEY: PRELIMINARY RESULTS FROM A PRACTICAL TEST IN MORPHOLOGICAL VERY COMPLEX AREAS. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-2/W13, 637-641.	0.2	3
16	Ground Displacements Estimation through GNSS and Geometric Leveling: A Geological Interpretation of the 2016â€“2017 Seismic Sequence in Central Italy. <i>Geosciences (Switzerland)</i> , 2022, 12, 167.	2.2	2
17	SAPR photogrammetry for the study of damaging hydrogeological events: the example of Ripa Bianca natural reserve, Esino River (Marche, Italy). <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 35, 204-207.	0.3	1