Eva Savina Malinverni

List of Publications by Year
in descending order

37 papers	944 citations	840776 11 h-index	477307 29 g-index
38 all docs	38 docs citations	38 times ranked	917 citing authors

#	Article	IF	Citations
1	A Survey of Augmented, Virtual, and Mixed Reality for Cultural Heritage. Journal on Computing and Cultural Heritage, 2018, 11, 1-36.	2.1	468
2	Point Cloud Semantic Segmentation Using a Deep Learning Framework for Cultural Heritage. Remote Sensing, 2020, 12, 1005.	4.0	124
3	Hybrid object-based approach for land use/land cover mapping using high spatial resolution imagery. International Journal of Geographical Information Science, 2011, 25, 1025-1043.	4.8	58
4	Virtual reconstruction of archaeological heritage using a combination of photogrammetric techniques: Huaca Arco Iris, Chan Chan, Peru. Digital Applications in Archaeology and Cultural Heritage, 2016, 3, 80-90.	1.3	33
5	Making Visible the Invisible. Augmented Reality Visualization for 3D Reconstructions of Archaeological Sites. Lecture Notes in Computer Science, 2015, , 25-37.	1.3	26
6	Integrating elevation data and multispectral high-resolution images for an improved hybrid Land Use/Land Cover mapping. European Journal of Remote Sensing, 2017, 50, 1-17.	3.5	23
7	Smart maintenance of riverbanks using a standard data layer and Augmented Reality. Computers and Geosciences, 2016, 95, 67-74.	4.2	21
8	IoT and Engagement in the Ubiquitous Museum. Sensors, 2019, 19, 1387.	3.8	16
9	A semantic graph database for the interoperability of 3D GIS data. Applied Geomatics, 2022, 14, 53-66.	2.5	14
10	3D visualization tools to explore ancient architectures in South America. Virtual Archaeology Review, 2016, 7, 44.	1.9	14
11	InSAR decorrelation to assess and prevent volcanic risk. European Journal of Remote Sensing, 2014, 47, 537-556.	3.5	13
12	A Smartphone-Based System for Outdoor Data Gathering Using a Wireless Beacon Network and GPS Data: From Cyber Spaces to Senseable Spaces. ISPRS International Journal of Geo-Information, 2018, 7, 190.	2.9	13
13	Mo.Se.: Mosaic image segmentation based on deep cascading learning. Virtual Archaeology Review, 2021, 12, 25.	1.9	12
14	A Machine Learning Approach to Extract Rock Mass Discontinuity Orientation and Spacing, from Laser Scanner Point Clouds. Remote Sensing, 2022, 14, 2365.	4.0	10
15	Comparative cluster analysis to localize emergencies in archaeology. Journal of Cultural Heritage, 2009, 10, e10-e19.	3.3	9
16	Cyberarchaeology: Improved Way Findings for Archaeological Parks Through Mobile Augmented Reality. Lecture Notes in Computer Science, 2016, , 172-185.	1.3	9
17	SIT-REM: An Interoperable and Interactive Web Geographic Information System for Fauna, Flora and Plant Landscape Data Management. ISPRS International Journal of Geo-Information, 2014, 3, 853-867.	2.9	8
18	Analysis and Processing of Nadir and Stereo VHR PleiadÃ©s Images for 3D Mapping and Planning the Land of Nineveh, Iraqi Kurdistan. Geosciences (Switzerland), 2017, 7, 80.	2.2	8

#	Article	IF	Citations
19	Dissemination in archaeology: a GIS-based StoryMap for Chan Chan. Journal of Cultural Heritage Management and Sustainable Development, 2019, 9, 500-519.	0.9	8
20	Evaluation of Long-Range Mobile Mapping System (MMS) and Close-Range Photogrammetry for Deformation Monitoring. A Case Study of Cortes de Pallás in Valencia (Spain). Applied Sciences (Switzerland), 2020, 10, 6831.	2.5	7
21	KNOWLEDGE MODELING FOR HERITAGE CONSERVATION PROCESS: FROM SURVEY TO HBIM IMPLEMENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIV-4/W1-2020, 19-26.	0.2	6
22	A Hybrid Approach to Land Cover Classification from Multi Spectral Images. Lecture Notes in Computer Science, 2009, , 500-508.	1.3	6
23	Automatic Mosaic Digitalization: a Deep Learning approach to tessera segmentation. , 2018, , .		5
24	Evaluating a Slam-Based Mobile Mapping System: a Methodological Comparison for 3D Heritage Scene Real-Time Reconstruction. , 2018, , .		5
25	A Relational Conceptual Model in GIS for the Management of Photovoltaic Systems. Energies, 2020, 13, 2860.	3.1	5
26	A geographycal information system to support restoration activities: a methodological approach experienced upon the case study of Ascoli Satriano Fortress. Applied Geomatics, 2018, 10, 427-439.	2.5	4
27	A Content Creation Tool for AR/VR Applications in Education: The ScoolAR Framework. Lecture Notes in Computer Science, 2020, , 205-219.	1.3	4
28	Virtual museum enriched by GIS data to share science and culture. Church of Saint Stephen in Umm Ar-Rasas (Jordan). Virtual Archaeology Review, 2019, 10, 31.	1.9	4
29	Web Tool as a Virtual Museum of Ancient Archaeological Ruins in Peru. Lecture Notes in Computer Science, 2017, , 282-296.	1.3	3
30	Evaluating Augmented and Virtual Reality in Education Through a User-Centered Comparative Study. Advances in Computational Intelligence and Robotics Book Series, 2020, , 229-261.	0.4	3
31	Remote Touch Interaction with High Quality Models Using an Autostereoscopic 3D Display. Lecture Notes in Computer Science, 2017, , 478-489.	1.3	2
32	Preservation of Villages in Central Italy: Geomatic Techniques' Integration and GIS Strategies for the Post-Earthquake Assessment. ISPRS International Journal of Geo-Information, 2022, 11, 291.	2.9	2
33	INTEGRATION OF GEOMATIC TECHNIQUES FOR THE 3D REPRESENTATION AND MONITORING OF A VETERAN CHESTNUT TREE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2022, 833-839.	0.2	1
34	Sustainable Engineering for Resilient Built and Natural Environments. , 2019, , 297-310.		0
35	Algorithms for Enhancing Satellite Imagery to Discover Archaeological Finds Covered by Shadow. Lecture Notes in Computer Science, 2020, , 664-673.	1.3	0
36	ASSESSING LEVELLING AND DINSAR FOR DEFORMATION MONITORING IN SEISMIC REGION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2022, 263-270.	0.2	0

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37	SIGNIFICANCE. STOP ILLICIT HERITAGE TRAFFICKING WITH ARTIFICIAL INTELLIGENCE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2022, 729-736.	0.2	0