

Fulvio Fr Rinaudo

List of Publications by Year in descending order

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66
papers

948
citations

933264

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67
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67
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Thermal Mapping of Architectural Heritage. Lecture Notes in Computer Science, 2021, , 26-37.	1.0	2
2	Documenting the State of Preservation of Historical Stone Sculptures in Three Dimensions with Digital Tools. Lecture Notes in Computer Science, 2021, , 666-673.	1.0	4
3	Combining Multiband Imaging, Photogrammetric Techniques, and FOSS GIS for Affordable Degradation Mapping of Stone Monuments. Buildings, 2021, 11, 304.	1.4	9
4	ARK-BIM: Open-Source Cloud-Based HBIM Platform for Archaeology. Applied Sciences (Switzerland), 2021, 11, 8770.	1.3	18
5	A Critical Comparison of 3D Digitization Techniques for Heritage Objects. ISPRS International Journal of Geo-Information, 2021, 10, 10.	1.4	15
6	Close-Range Sensing and Data Fusion for Built Heritage Inspection and Monitoring—A Review. Remote Sensing, 2021, 13, 3936.	1.8	25
7	UAS-Based Archaeological Remote Sensing: Review, Meta-Analysis and State-of-the-Art. Drones, 2020, 4, 46.	2.7	49
8	IFC Classification for FOSS HBIM: Open Issues and a Schema Proposal for Cultural Heritage Assets. Applied Sciences (Switzerland), 2020, 10, 8320.	1.3	13
9	Three-Dimensional Thermal Mapping from IRT Images for Rapid Architectural Heritage NDT. Buildings, 2020, 10, 187.	1.4	23
10	Enhancing Image-Based Multiscale Heritage Recording with Near-Infrared Data. ISPRS International Journal of Geo-Information, 2020, 9, 269.	1.4	11
11	A Neural Networks Approach to Detecting Lost Heritage in Historical Video. ISPRS International Journal of Geo-Information, 2020, 9, 297.	1.4	7
12	Near-infrared modeling and enhanced visualization, as a novel approach for 3D decay mapping of stone sculptures. Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	5
13	Image-based metric heritage modeling in the near-infrared spectrum. Heritage Science, 2020, 8, .	1.0	7
14	Processing Historical Film Footage with Photogrammetry and Machine Learning for Cultural Heritage Documentation. , 2019, , .		1
15	The digitisation of museum collections for research, management and enhancement of tangible and intangible heritage. , 2018, , .		4
16	Digital urban history as an interpretation key of cities' Cultural Heritage. , 2015, , .		1
17	3D laser scanning of Parthian sculptural reliefs: The experience of the Iranian-Italian Joint Expedition in Khuzestan (Iran). Journal of Field Archaeology, 2014, 39, 151-161.	0.7	1
18	TOF Cameras for Architectural Surveys. , 2013, , 139-164.		2

#	ARTICLE	IF	CITATIONS
19	SR-4000 and CamCube3.0 Time of Flight (ToF) Cameras: Tests and Comparison. Remote Sensing, 2012, 4, 1069-1089.	1.8	54
20	UAV and RPV systems for photogrammetric surveys in archaeological areas: two tests in the Piedmont region (Italy). Journal of Archaeological Science, 2011, 38, 697-710.	1.2	135
21	Gi4DMâ€™Geo-information for Disaster Managementâ€™Torino, February 2010. Applied Geomatics, 2011, 3, 59-60.	1.2	4
22	Integration of range and image data for building reconstruction. , 2011, , .		2
23	LiDAR or Photogrammetry? Integration is the answer. European Journal of Remote Sensing, 2011, , 107-121.	0.2	26
24	Integration of airborne laser scanner and multi-image techniques for map production. , 2010, , .		3
25	Integration between calibrated time-of-flight camera data and multi-image matching approach for architectural survey. , 2010, , .		2
26	New Instruments and Technologies for Cultural Heritage Survey: Full Integration between Point Clouds and Digital Photogrammetry. Lecture Notes in Computer Science, 2010, , 56-70.	1.0	10
27	Sensors for 3D Imaging: Metric Evaluation and Calibration of a CCD/CMOS Time-of-Flight Camera. Sensors, 2009, 9, 10080-10096.	2.1	135
28	UAV systems for photogrammetric recording in archaeological areas: problems, suggestions, and products. , 2009, , .		1
29	Survey Methodologies for the Preservation of Cultural Heritage Sites. , 2005, , 533-541.		1
30	A COMPARISON BETWEEN 3D RECONSTRUCTION USING NERF NEURAL NETWORKS AND MVS ALGORITHMS ON CULTURAL HERITAGE IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2021, 565-570.	0.2	8
31	AUTOMATIZING DEGRADATION MAPPING OF ANCIENT STELAE BY DUAL-BAND IMAGING AND MACHINE LEARNING-BASED CLASSIFICATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, VIII-M-1-2021, 9-16.	0.0	1
32	SHAPE GRAMMAR LIBRARIES OF EUROPEAN CLASSICAL ARCHITECTURAL ELEMENTS FOR HISTORIC BIM. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLVI-M-1-2021, 479-486.	0.2	9
33	INTEGRATING MULTIBAND PHOTOGRAMMETRY, SCANNING, AND GPR FOR BUILT HERITAGE SURVEYS: THE FAÅ†ADES OF CASTELLO DEL VALENTINO. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, VIII-M-1-2021, 1-8.	0.0	2
34	COMPARISON OF MULTI-SOURCE DATA, INTEGRATED SURVEY FOR COMPLEX ARCHITECTURE DOCUMENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLVI-M-1-2021, 625-631.	0.2	0
35	USE AND EVALUATION OF A SHORT RANGE SMALL QUADCOPTER AND A PORTABLE IMAGING LASER FOR BUILT HERITAGE 3D DOCUMENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-1, 71-78.	0.2	9
36	EVALUATION OF PHOTOGRAMMETRIC BLOCK ORIENTATION USING QUALITY DESCRIPTORS FROM STATISTICALLY FILTERED TIE POINTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 185-191.	0.2	7

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37	OPEN SOURCE HBIM FOR CULTURAL HERITAGE: A PROJECT PROPOSAL. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 303-309.	0.2	18
38	3D DIGITAL AND PHYSICAL RECONSTRUCTION OF A COLLAPSED DOME USING SFM TECHNIQUES FROM HISTORICAL IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 217-224.	0.2	8
39	EVALUATION OF AN INTEGRATIVE APPROACH BETWEEN HBIM AND ARCHITECTURE HISTORY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 225-229.	0.2	8
40	THE GAMHER RESEARCH PROJECT FOR METRIC DOCUMENTATION OF CULTURAL HERITAGE: CURRENT DEVELOPMENTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 239-246.	0.2	7
41	BENCHMARK OF METRIC QUALITY ASSESSMENT IN PHOTOGRAMMETRIC RECONSTRUCTION FOR HISTORICAL FILM FOOTAGE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 443-448.	0.2	2
42	MULTI-SOURCE APPROACHES FOR COMPLEX ARCHITECTURE DOCUMENTATION: THE "PALAZZO DUCALE" IN GUBBIO (PERUGIA, ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 953-960.	0.2	7
43	3D INTERPRETATION AND FUSION OF MULTIDISCIPLINARY DATA FOR HERITAGE SCIENCE: A REVIEW. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 17-24.	0.2	8
44	ARCHITECTURAL HERITAGE RECOGNITION IN HISTORICAL FILM FOOTAGE USING NEURAL NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 343-350.	0.2	2
45	FROM REALITY TO PARAMETRIC MODELS OF CULTURAL HERITAGE ASSETS FOR HBIM. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 413-419.	0.2	18
46	DIGITAL CULTURAL HERITAGE MEETS DIGITAL HUMANITIES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 813-820.	0.2	18
47	A NEW HANDHELD SCANNER FOR 3D SURVEY OF SMALL ARTIFACTS: THE STONEX F6. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 895-901.	0.2	8
48	FIRST ASSESSMENTS ON HERITAGE SCIENCE ORIENTED IMAGE-BASED MODELING USING LOW-COST MODIFIED AND MOBILE CAMERAS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W17, 23-30.	0.2	8
49	MODELING THE DECAY IN AN HBIM STARTING FROM 3D POINT CLOUDS. A FOLLOWED APPROACH FOR CULTURAL HERITAGE KNOWLEDGE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W5, 605-612.	0.2	48
50	METRIC DOCUMENTATION OF CULTURAL HERITAGE: RESEARCH DIRECTIONS FROM THE ITALIAN GAMHER PROJECT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W5, 83-90.	0.2	30
51	METRIC SURVEY AND BIM TECHNOLOGIES TO RECORD DECAY CONDITIONS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5/W1, 261-268.	0.2	20
52	BUILDING ARCHAEOLOGY DOCUMENTATION AND ANALYSIS THROUGH OPEN SOURCE HBIM SOLUTIONS VIA NURBS MODELLING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 1381-1388.	0.2	19
53	Recovering a collapsed medieval fresco by using 3D modeling techniques. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-5, 105-112.	0.0	4
54	GIS AND LAND HISTORY: THE DOCUMENTATION OF THE ANCIENT AOSTA DUKEDOM. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-5/W1, 265-270.	0.0	1

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55	TLS DATA FOR 2D REPRESENTATION AND 3D MODELING. DIFFERENT APPROACHES TESTED IN THE CASE OF SAN GIOVANNI IN SALUZZO (CN) ITALY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-5/W1, 37-42.	0.0	3
56	SfM for Orthophoto to Generation: A Winning Approach for Cultural Heritage Knowledge. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-5/W7, 91-98.	0.2	64
57	THE CIPA DATABASE FOR SAVING THE HERITAGE OF SYRIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B5, 953-960.	0.2	1
58	New Sensors for Cultural Heritage Metric Survey: The ToF Cameras. Geoinformatics FCE CTU, 0, 6, 307-313.	0.4	2
59	CALIBRATING AND EVALUATING A RANGE CAMERA FOR CULTURAL HERITAGE METRIC SURVEY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-5/W1, 271-276.	0.0	1
60	Linking buildings, archives and museums of the 19th century Turin's Cultural Heritage. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-5/W3, 307-314.	0.0	1
61	Henri Prost in Istanbul: Urban transformation process of Taksim-MaÅŝka Valley (Le parc nÂ°2). , , .		0
62	CULTURAL HERITAGE RECONSTRUCTION FROM HISTORICAL PHOTOGRAPHS AND VIDEOS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 259-265.	0.2	14
63	PREFACE: GEOMATICS AND RESTORATION. CULTURAL HERITAGE: CHALLENGES, NEW PERSPECTIVES AND TECHNOLOGY INNOVATION. TOWARD INFORMATIVE CONTENT MODELS AND BEYOND. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 1-2.	0.2	1
64	IMPROVING PERFORMANCE OF FEATURE EXTRACTION IN SFM ALGORITHMS FOR 3D SPARSE POINT CLOUD. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W17, 101-106.	0.2	3
65	A MATCH-MOVING METHOD COMBINING AI AND SFM ALGORITHMS IN HISTORICAL FILM FOOTAGE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 813-820.	0.2	3
66	3D DOCUMENTATION TOWARDS HERITAGE CONSERVATION: A RAPID MAPPING APPROACH APPLIED TO BAHRAIN FORTS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2022, 769-776.	0.2	1