Mauro Lo Brutto

List of Publications by Year
in descending order

29 papers	338 citations	1307366 7 h-index	1199470 12 g-index
30 all docs	30 docs citations	30 times ranked	404 citing authors

#	Article	IF	Citations
1	Computer Vision Tools for 3D Modelling in Archaeology. International Journal of Heritage in the Digital Era, 2012, 1, 1-6.	0.5	69
2	Monitoring Water Surface and Level of a Reservoir Using Different Remote Sensing Approaches and Comparison with Dam Displacements Evaluated via GNSS. Remote Sensing, 2018, 10, 71.	1.8	69
3	Uav Systems for Photogrammetric Data Acquisition of Archaeological Sites. International Journal of Heritage in the Digital Era, 2012, 1, 7-13.	0.5	24
4	NRTK, PPP or Static, That Is the Question. Testing Different Positioning Solutions for GNSS Survey. Remote Sensing, 2021, 13, 1406.	1.8	17
5	3D survey for the archaeological study and virtual reconstruction of the "Sanctuary of Isis" in the ancient Lilybaeum (Italy). Virtual Archaeology Review, 2020, 11, 1.	0.8	16
6	SCAN-TO-BIM FOR THE MANAGEMENT OF HERITAGE BUILDINGS: THE CASE STUDY OF THE CASTLE OF MAREDOLCE (PALERMO, ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 1355-1362.	0.2	16
7	Vision metrology and Structure from Motion for archaeological heritage 3D reconstruction: a Case Study of various Roman mosaics. Acta IMEKO (2012), 2017, 6, 35.	0.4	12
8	GNSS CORS NETWORK OF THE UNIVERSITY OF PALERMO: DESIGN AND FIRST ANALYSIS OF DATA. Geographia Technica, 2020, 15, 43-69.	0.2	12
9	THE INTEGRATED 3D SURVEY FOR UNDERGROUND ARCHAEOLOGICAL ENVIRONMENT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W9, 311-317.	0.2	12
10	UAV SURVEY FOR THE ARCHAEOLOGICAL MAP OF *LILYBAEUM* (MARSALA, ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 495-502.	0.2	11
11	SURVEY AND VIRTUAL RECONSTRUCTION OF ANCIENT ROMAN FLOORS IN AN ARCHAEOLOGICAL CONTEXT. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W11, 511-518.	0.2	8
12	IMAGE-BASED AND RANGE-BASED 3D MODELLING OF ARCHAEOLOGICAL CULTURAL HERITAGE: THE TELAMON OF THE TEMPLE OF OLYMPIAN ZEUS IN AGRIGENTO (ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXVIII-5/W16, 515-522.	0.2	8
13	Full-Waveform Terrestrial Laser Scanning for Extracting a High-Resolution 3D Topographic Model: a Case Study on an Area of Archaeological Significance. European Journal of Remote Sensing, 2014, 47, 307-327.	1.7	7
14	RPAS AND TLS TECNIQUES FOR ARCHAEOLOGICAL SURVEY: THE CASE STUDY OF THE ARCHAEOLOGICAL SITE OF ERACLEA MINOA (ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W3, 433-438.	0.2	7
15	The Virtual Reconstruction of the Aesculapius and Hygeia Statues from the Sanctuary of Isis in Lilybaeum: Methods and Tools for Ancient Sculptures' Enhancement. Applied Sciences (Switzerland), 2022, 12, 3569.	1.3	7
16	INTEGRATING TOPOGRAPHIC, PHOTOGRAMMETRIC AND LASER SCANNING TECHNIQUES FOR A SCAN-TO-BIM PROCESS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2021, 883-890.	0.2	6
17	3D MODELLING OF A HISTORICAL BUILDING USING CLOSE-RANGE PHOTOGRAMMETRY AND REMOTELY PILOTED AIRCRAFT SYSTEM (RPAS). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 599-606.	0.2	6
18	3D survey and modelling of the main portico of the Cathedral of Monreale. , 2018, , .		5

#	Article	IF	Citations
19	3D SURVEY IN COMPLEX ARCHAEOLOGICAL ENVIRONMENTS: AN APPROACH BY TERRESTRIAL LASER SCANNING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 325-330.	0.2	5
20	Study and 3D survey of the Roman baths in the archaeological site of Lylibaeum (Marsala, Italy). IOP Conference Series: Materials Science and Engineering, 2020, 949, 012103.	0.3	5
21	THE MAIN PORTAL OF THE CATHEDRAL OF MONREALE: FIRST GEOMETRIC ANALYSIS AND INTERPRETIVE ASSESSMENT OF ARCHITECTURAL FEATURES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5/W1, 381-387.	0.2	4
22	3D RECONSTRUCTION OF THE *ROMAN DOMUS* IN THE ARCHAEOLOGICAL SITE OF *LYLIBAEUM* (MARSALA, ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W15, 437-442.	0.2	4
23	GEOMATIC METHODOLOGIES FOR THE STUDY OF *TEATRO MASSIMO* IN PALERMO (ITALY). International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5/W1, 475-480.	0.2	2
24	FROM SCAN-TO-BIM TO HERITAGE BUILDING INFORMATION MODELLING FOR AN ANCIENT ARAB-NORMAN CHURCH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2022, 761-768.	0.2	2
25	Analysis of Technical Criticalities for GIS Modelling an Urban Noise Map. Geographia Technica, 2017, 12, 41-61.	0.2	1
26	Detection of a reservoir water level using shape similarity metrics. , 2017, , .		1
27	Bed Topography Reconstruction in a Large Amplitude Meandering Flume: Application of Close Range Photogrammetry. Advanced Materials Research, 2014, 875-877, 440-444.	0.3	0
28	3D MODELING OF TWO *LOUTERIA* FRAGMENTS BY IMAGE-BASED APPROACH. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-5/W1, 573-580.	0.2	0
29	Use of CORS Time Series for Geodynamics Applications in Western Sicily (Italy). Communications in Computer and Information Science, 2020, , 61-76.	0.4	0