

Nicola Masini

List of Publications by Year in descending order

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159
papers

3,070
citations

159358

30
h-index

214527

47
g-index

179
all docs

179
docs citations

179
times ranked

1768
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Use of Google Earth Engine and Sentinel Data to Detect “Lost” Sections of Ancient Roads. The Case of Via Appia. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	10
2	Pattern Recognition Approach and LiDAR for the Analysis and Mapping of Archaeological Looting: Application to an Etruscan Site. <i>Remote Sensing</i> , 2022, 14, 1587.	1.8	9
3	Geo- and Archaeo-heritage in the Mount Vulture Area: List, Data Management, Communication, and Dissemination. A Preliminary note. <i>Geoheritage</i> , 2022, 14, 1.	1.5	7
4	On the Discovery of a Roman Fortified Site in Gafsa, Southern Tunisia, Based on High-Resolution X-Band Satellite Radar Data. <i>Remote Sensing</i> , 2022, 14, 2128.	1.8	1
5	Integrated use of multi-temporal multi-sensor and multiscale Remote Sensing data for the understanding of archaeological contexts: the case study of Metaponto, Basilicata.. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012020.	0.3	6
6	Terrestrial and UAV based infrared thermography for mapping and investigating the humidity of historical buildings. The case of the Castle in Calvello.. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012019.	0.3	0
7	Fusion and integration of heterogeneous close range remote sensing and geophysical data. The case of Grumentum.. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012018.	0.3	0
8	The role of imaging radar in cultural heritage: From technologies to applications. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 112, 102907.	0.9	6
9	Knowledge and Big Data: New Approaches to the Anamnesis and Diagnosis of the Architectural Heritage’s Conservation Status. State of Art and Future Perspectives. <i>Lecture Notes in Computer Science</i> , 2021, , 109-124.	1.0	0
10	Remote and Close Range Sensing for the Automatic Identification and Characterization of Archaeological Looting. The Case of Peru. <i>Journal of Computer Applications in Archaeology</i> , 2021, 4, 126-144.	0.8	5
11	Google Earth Engine as Multi-Sensor Open-Source Tool for Supporting the Preservation of Archaeological Areas: The Case Study of Flood and Fire Mapping in Metaponto, Italy. <i>Sensors</i> , 2021, 21, 1791.	2.1	25
12	Towards an Operative Predictive Model for the Songshan Area during the Yangshao Period. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 217.	1.4	5
13	Interdisciplinary approaches based on imaging radar enable cutting-edge cultural heritage applications. <i>National Science Review</i> , 2021, 8, nwab123.	4.6	11
14	Multitemporal “Multispectral UAS Surveys for Archaeological Research: The Case Study of San Vincenzo Al Volturno (Molise, Italy). <i>Remote Sensing</i> , 2021, 13, 2719.	1.8	13
15	Active Satellite Sensors in Cultural Heritage Research: The Use of SAR for Archaeological Prospection. <i>Springer Remote Sensing/photogrammetry</i> , 2020, , 107-121.	0.4	1
16	Recent and Past Archaeological Looting by Satellite Remote Sensing: Approach and Application in Syria. <i>Springer Remote Sensing/photogrammetry</i> , 2020, , 123-137.	0.4	5
17	Satellite and close range analysis for the surveillance and knowledge improvement of the Nasca geoglyphs. <i>Remote Sensing of Environment</i> , 2020, 236, 111447.	4.6	5
18	On the Reuse of Multiscale LiDAR Data to Investigate the Resilience in the Late Medieval Time: the Case Study of Basilicata in South of Italy. <i>Journal of Archaeological Method and Theory</i> , 2020, , 1.	1.4	5

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19	Multi-Scale Monitoring of Rupestrian Heritage: Methodological Approach and Application to a Case Study. <i>International Journal of Architectural Heritage</i> , 2020, , 1-16.	1.7	5
20	SAR Sentinel 1 Imaging and Detection of Palaeo-Landscape Features in the Mediterranean Area. <i>Remote Sensing</i> , 2020, 12, 2611.	1.8	25
21	Mapping the Roman Water Supply System of the Wadi el Melah Valley in Gafsa, Tunisia, Using Remote Sensing. <i>Sustainability</i> , 2020, 12, 567.	1.6	5
22	Multitemporal 2016-2018 Sentinel-2 Data Enhancement for Landscape Archaeology: The Case Study of the Foggia Province, Southern Italy. <i>Remote Sensing</i> , 2020, 12, 1309.	1.8	32
23	Towards Urban Archaeo-Geophysics in Peru. The Case Study of Plaza de Armas in Cusco. <i>Sensors</i> , 2020, 20, 2869.	2.1	6
24	Image Deblurring of Video Surveillance System in Rainy Environment. <i>Computers, Materials and Continua</i> , 2020, 65, 807-816.	1.5	8
25	Airborne and spaceborne remote sensing for archaeological and cultural heritage applications: A review of the century (1907â€“2017). <i>Remote Sensing of Environment</i> , 2019, 232, 111280.	4.6	169
26	Students Meet Cultural Heritage: An Experience within the Framework of the Italian School-Work Alternation (SWA)â€”from Outcomes to Outlooks. <i>Heritage</i> , 2019, 2, 1986-2016.	0.9	12
27	Natural Hazards, Human Factors, and â€œGhost Townsâ€: a Multi-Level Approach. <i>Geoheritage</i> , 2019, 11, 1533-1565.	1.5	20
28	Multispectral Contrast of Archaeological Features: A Quantitative Evaluation. <i>Remote Sensing</i> , 2019, 11, 913.	1.8	26
29	Reconstructing settlement evolution from neolithic to Shang dynasty in Songshan mountain area of central China based on self-organizing feature map. <i>Journal of Cultural Heritage</i> , 2019, 36, 23-31.	1.5	11
30	Multi-frequency Electromagnetic Induction Survey for Archaeological Prospection: Approach and Results in Han Hangu Pass and Xishan Yang in China. <i>Surveys in Geophysics</i> , 2018, 39, 1285-1302.	2.1	14
31	On the characterization of temporal and spatial patterns of archaeological crop-marks. <i>Journal of Cultural Heritage</i> , 2018, 32, 124-132.	1.5	20
32	Unique performance of spaceborne SAR remote sensing in cultural heritage applications: Overviews and perspectives. <i>Archaeological Prospection</i> , 2018, 25, 71-79.	1.1	17
33	Traces in the desert: use of new technologies for the study and valorization of the Pachacamac sanctuaryâ€”Lima, Peru. <i>Heritage Science</i> , 2018, 6, .	1.0	1
34	Medieval Archaeology Under the Canopy with LiDAR. The (Re)Discovery of a Medieval Fortified Settlement in Southern Italy. <i>Remote Sensing</i> , 2018, 10, 1598.	1.8	44
35	Archaeogeophysical-Based Approach for Inca Archaeology: Overview and one operational application. <i>Surveys in Geophysics</i> , 2018, 39, 1239-1262.	2.1	21
36	A framework for cultural heritage management and research: the Cancellara case study. <i>Journal of Maps</i> , 2018, 14, 576-582.	1.0	13

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37	Google Earth as a Powerful Tool for Archaeological and Cultural Heritage Applications: A Review. <i>Remote Sensing</i> , 2018, 10, 1558.	1.8	60
38	Heritage—An Open Access Journal of Knowledge, Conservation, and Management of Cultural and Natural Heritage. <i>Heritage</i> , 2018, 1, 45-46.	0.9	0
39	Geophysical Methods and Spatial Information for the Analysis of Decaying Frescoes. <i>Surveys in Geophysics</i> , 2018, 39, 1149-1166.	2.1	10
40	Corona Satellite Pictures for Archaeological Studies: A Review and Application to the Lost Forbidden City of the Han—Wei Dynasties. <i>Surveys in Geophysics</i> , 2018, 39, 1303-1322.	2.1	18
41	Space-Based Identification of Archaeological Illegal Excavations and a New Automatic Method for Looting Feature Extraction in Desert Areas. <i>Surveys in Geophysics</i> , 2018, 39, 1323-1346.	2.1	31
42	Capitalize on the Experience of the ATHENA Project for Cultural Heritage for the Eratosthenes Centre of Excellence for the Benefit of the East Med Region. <i>Lecture Notes in Computer Science</i> , 2018, , 639-647.	1.0	0
43	Remote sensing archaeology knowledge transfer: examples from the ATHENA twinning project. , 2018, , .		1
44	Remote sensing archaeology knowledge transfer: examples from the ATHENA Twinning project. , 2018, , .		0
45	An overview of satellite synthetic aperture radar remote sensing in archaeology: From site detection to monitoring. <i>Journal of Cultural Heritage</i> , 2017, 23, 5-11.	1.5	102
46	On the use of historical archive of aerial photographs for the discovery and interpretation of ancient hidden linear cultural relics in the alluvial plain of eastern Henan, China. <i>Journal of Cultural Heritage</i> , 2017, 23, 20-27.	1.5	15
47	Qualitative evaluation of COSMO SkyMed in the detection of earthen archaeological remains: The case of Pachamacac (Peru). <i>Journal of Cultural Heritage</i> , 2017, 23, 55-62.	1.5	13
48	From remote sensing to a serious game: Digital reconstruction of an abandoned medieval village in Southern Italy. <i>Journal of Cultural Heritage</i> , 2017, 23, 63-70.	1.5	17
49	Integrated In Situ Investigations for the Restoration: The Case of Regio VIII in Pompeii. <i>Geotechnologies and the Environment</i> , 2017, , 557-586.	0.3	3
50	Portable in practice: investigations using portable instrumentation for materials analysis and mapping of decorated architectural surfaces in the tablinum of the House of the Bicentenary at Herculaneum. <i>MRS Advances</i> , 2017, 2, 1831-1848.	0.5	0
51	Cultural Heritage Sites and Sustainable Management Strategies. <i>Geotechnologies and the Environment</i> , 2017, , 1-19.	0.3	5
52	Sensing the Past from Space: Approaches to Site Detection. <i>Geotechnologies and the Environment</i> , 2017, , 23-60.	0.3	20
53	Preserving the Past from Space: An Overview of Risk Estimation and Monitoring Tools. <i>Geotechnologies and the Environment</i> , 2017, , 61-88.	0.3	3
54	Low cost monitoring approach for the conservation of frescoes: The crypt of St. Francesco d'Assisi in Irsina (Basilicata, Southern Italy). <i>Journal of Cultural Heritage</i> , 2017, 23, 89-99.	1.5	19

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55	Archeological crop marks identified from Cosmo-SkyMed time series: the case of Han-Wei capital city, Luoyang, China. <i>International Journal of Digital Earth</i> , 2017, 10, 846-860.	1.6	21
56	Towards an Operational Use of Geophysics for Archaeology in Henan (China): Methodological Approach and Results in Kaifeng. <i>Remote Sensing</i> , 2017, 9, 809.	1.8	44
57	On the Relationship between Holocene Geomorphic Evolution of Rivers and Prehistoric Settlements Distribution in the Songshan Mountain Region of China. <i>Sustainability</i> , 2017, 9, 114.	1.6	10
58	Study of the Variations of Archaeological Marks at Neolithic Site of Lucera, Italy Using High-Resolution Multispectral Datasets. <i>Remote Sensing</i> , 2016, 8, 723.	1.8	48
59	Living in the Golden Age of Digital Archaeology. <i>Lecture Notes in Computer Science</i> , 2016, , 597-610.	1.0	4
60	Multi-frequency satellite radar imaging of cultural heritage: the case studies of the Yumen Frontier Pass and Niya ruins in the Western Regions of the Silk Road Corridor. <i>International Journal of Digital Earth</i> , 2016, 9, 1224-1241.	1.6	34
61	Static penetration test for historical masonry mortar. <i>Construction and Building Materials</i> , 2016, 122, 810-822.	3.2	34
62	Towards an operative use of remote sensing for exploring the past using satellite data: The case study of Hierapolis (Turkey). <i>Remote Sensing of Environment</i> , 2016, 174, 148-164.	4.6	68
63	Nasca Geoglyphs: Technical Aspects and Overview of Studies and Interpretations. , 2016, , 217-238.		4
64	Puquios: The Nasca Response to Water Shortage. , 2016, , 279-327.		3
65	Remote Sensing and Geophysics for the Study of the Human Past in the Nasca Drainage. , 2016, , 469-527.		3
66	The Polychromy of Nasca Pottery: A Nondestructive Analytical Approach for Compositional and Mineralogical Investigation of Pigments. , 2016, , 593-603.		4
67	Combating Illegal Excavations Illegal Excavations in Cahuachi: Ancient Problems and Modern Technologies. , 2016, , 605-633.		7
68	Puquios: New Insights from the Integration of Remote Sensing, GIS-Based Analyses and Geophysical Investigations. , 2016, , 543-580.		4
69	Thirty Years of Investigations in Nasca: From Proyecto Nasca to the ITACA Mission. , 2016, , 1-20.		0
70	Spatial Analysis for the Study of Environmental Settlement Patterns: The Archaeological Sites of the Santa Cruz Province. <i>Lecture Notes in Computer Science</i> , 2016, , 191-203.	1.0	1
71	Searching data for supporting archaeo-landscapes in Cyprus: an overview of aerial, satellite, and cartographic datasets of the island. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
72	The potential of integrated GPR survey and aerial photographic analysis of historic urban areas: A case study and digital reconstruction of a Late Roman villa in DurrÅs (Albania). <i>Journal of Archaeological Science: Reports</i> , 2015, 4, 276-284.	0.2	14

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73	Integrated Archaeogeophysical Approach for the Study of a Medieval Monastic Settlement in Basilicata. <i>Open Archaeology</i> , 2015, 1, .	0.3	14
74	A Space View of Radar Archaeological Marks: First Applications of COSMO-SkyMed X-Band Data. <i>Remote Sensing</i> , 2015, 7, 24-50.	1.8	48
75	Deformation analysis of a metropolis from C- to X-band PSI: Proof-of-concept with COSMO-SkyMed over Rome, Italy. , 2015, , .		0
76	Multi-scale Detection of Changing Cultural Landscapes in Nasca (Peru) Through ENVISAT ASAR and TerraSAR-X. , 2015, , 339-343.		2
77	Application of the mortar static penetration test to historical buildings. , 2015, , 449-456.		0
78	Persistent Scatterer Interferometry Processing of COSMO-SkyMed StripMap HIMAGE Time Series to Depict Deformation of the Historic Centre of Rome, Italy. <i>Remote Sensing</i> , 2014, 6, 12593-12618.	1.8	85
79	Predictive modeling for preventive Archaeology: overview and case study. <i>Open Geosciences</i> , 2014, 6, .	0.6	33
80	Investigating archaeological looting using satellite images and GEORADAR: the experience in Lambayeque in North Peru. <i>Journal of Archaeological Science</i> , 2014, 42, 216-230.	1.2	66
81	Beyond modern landscape features: New insights in the archaeological area of Tiwanaku in Bolivia from satellite data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 464-471.	1.4	27
82	Spatial Methods for Archaeological Flood Risk: The Case Study of the Neolithic Sites in the Apulia Region (Southern Italy). <i>Lecture Notes in Computer Science</i> , 2014, , 423-439.	1.0	3
83	High-Detail Damage Pattern in Towns Hit by Earthquakes of the Past: An Approach to Evaluate the Reliability of the Historical Sources. , 2014, , 105-125.		2
84	Investigating Natural Hazards in the Peruvian Region of Nasca with Space-Borne Radar Sensors. , 2014, , 357-362.		2
85	Satellite Synthetic Aperture Radar in Archaeology and Cultural Landscape: An Overview. <i>Archaeological Prospection</i> , 2013, 20, 71-78.	1.1	63
86	Visualizing the invisible: Digital restitution from an integrated archaeological, remote sensing, and geophysical research of a late Roman villa in Durres (Albania). , 2013, , .		3
87	Prospection and Monitoring of the Archaeological Heritage of Nasca, Peru, with ENVISAT ASAR. <i>Archaeological Prospection</i> , 2013, 20, 133-147.	1.1	41
88	Amplitude Change Detection with ENVISAT ASAR to Image the Cultural Landscape of the Nasca Region, Peru. <i>Archaeological Prospection</i> , 2013, 20, 117-131.	1.1	41
89	Safety issues in cultural heritage management and critical infrastructures management. <i>Journal of Geophysics and Engineering</i> , 2013, 10, 060201.	0.7	0
90	GIS and archaeology: a spatial predictive model for neolithic sites of the Tavoliere (Apulia). , 2013, , .		0

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91	Non-destructive prospecting and virtual reconstruction of the chapel of the Holy Spirit in Lecce, Italy. Near Surface Geophysics, 2013, 11, 231-238.	0.6	27
92	Airborne Lidar in Archaeology: Overview and a Case Study. Lecture Notes in Computer Science, 2013, , 663-676.	1.0	6
93	Noninvasive Sensing Techniques 2012. International Journal of Geophysics, 2012, 2012, 1-2.	0.4	0
94	Integration of aerial and satellite remote sensing for archaeological investigations: a case study of the Etruscan site of San Giovenale. Journal of Geophysics and Engineering, 2012, 9, S26-S39.	0.7	24
95	Integrated prospecting in the crypt of the Basilica of Saint Nicholas in Bari, Italy. Journal of Geophysics and Engineering, 2012, 9, 271-281.	0.7	17
96	Cultural heritage and civil engineering. Journal of Geophysics and Engineering, 2012, 9, .	0.7	1
97	Integrated non invasive tests for the architectural restoration of the Tricarico Cathedral. , 2012, , .		1
98	Time-frequency analysis of GPR data to investigate the damage of monumental buildings. Journal of Geophysics and Engineering, 2012, 9, S81-S91.	0.7	23
99	A multidisciplinary analysis of the Crypt of the Holy Spirit in Monopoli (southern Italy). Near Surface Geophysics, 2012, 10, 57-64.	0.6	10
100	Remote Sensing in Archaeology: From Visual Data Interpretation to Digital Data Manipulation. Remote Sensing and Digital Image Processing, 2012, , 3-16.	0.7	13
101	Following the Ancient Nasca Puquios from Space. Remote Sensing and Digital Image Processing, 2012, , 269-289.	0.7	13
102	Integrated Remote Sensing Approach in Cahuachi (Peru): Studies and Results of the ITACA Mission (2007-2010). Remote Sensing and Digital Image Processing, 2012, , 307-344.	0.7	10
103	Image Enhancement, Feature Extraction and Geospatial Analysis in an Archaeological Perspective. Remote Sensing and Digital Image Processing, 2012, , 17-63.	0.7	20
104	Pattern Recognition and Classification Using VHR Data for Archaeological Research. Remote Sensing and Digital Image Processing, 2012, , 65-85.	0.7	7
105	Pan-Sharpening Techniques to Enhance Archaeological Marks: An Overview. Remote Sensing and Digital Image Processing, 2012, , 87-109.	0.7	7
106	Satellite-Based Monitoring of Archaeological Looting in Peru. Remote Sensing and Digital Image Processing, 2012, , 177-193.	0.7	20
107	Investigating Satellite Landsat TM and ASTER Multitemporal Data Set to Discover Ancient Canals and Acqueduct Systems. Lecture Notes in Computer Science, 2012, , 497-511.	1.0	0
108	Flights into the past: full-waveform airborne laser scanning data for archaeological investigation. Journal of Archaeological Science, 2011, 38, 2061-2070.	1.2	49

#	ARTICLE	IF	CITATIONS
109	New discoveries in the Piramide Naranjada in Cahuachi (Peru) using satellite, Ground Probing Radar and magnetic investigations. <i>Journal of Archaeological Science</i> , 2011, 38, 2031-2039.	1.2	39
110	Satellite remote sensing in archaeology: past, present and future perspectives. <i>Journal of Archaeological Science</i> , 2011, 38, 1995-2002.	1.2	109
111	Noninvasive Sensing Techniques and Geophysical Methods for Cultural Heritage and Civil Infrastructures Monitoring. <i>International Journal of Geophysics</i> , 2011, 2011, 1-2.	0.4	9
112	The compositional and mineralogical analysis of fired pigments in Nasca pottery from Cahuachi (Peru) by the combined use of the portable PIXE-alpha and portable XRD techniques. <i>Microchemical Journal</i> , 2011, 99, 449-453.	2.3	21
113	GPR prospecting in Renaissance and baroque monuments in Lecce (Southern Italy). , 2011, , .		8
114	GPR and sonic tomography for structural restoration: the case of the cathedral of Tricarico. <i>Journal of Geophysics and Engineering</i> , 2011, 8, S76-S92.	0.7	58
115	Integrated non-invasive sensing techniques and geophysical methods for the study and conservation of architectural, archaeological and artistic heritage. <i>Journal of Geophysics and Engineering</i> , 2011, 8, .	0.7	8
116	Postprocessing of Infrared Reflectography to Support the Study of a Painting: The Case of Vivarini's Polyptych. <i>International Journal of Geophysics</i> , 2011, 2011, 1-8.	0.4	7
117	On the Processing of Aerial LiDAR Data for Supporting Enhancement, Interpretation and Mapping of Archaeological Features. <i>Lecture Notes in Computer Science</i> , 2011, , 392-406.	1.0	2
118	INVESTIGATING MATERIAL DECAY OF HISTORIC BUILDINGS USING VISUAL ANALYTICS WITH MULTI-TEMPORAL INFRARED THERMOGRAPHIC DATA. <i>Archaeometry</i> , 2010, 52, 482-501.	0.6	29
119	Integrated techniques for analysis and monitoring of historical monuments: the case of San Giovanni al Sepolcro in Brindisi, southern Italy. <i>Near Surface Geophysics</i> , 2010, 8, 423-432.	0.6	29
120	Special issue on near surface geophysics for the study and the management of historical resources. <i>Journal of Geophysics and Engineering</i> , 2010, 7, .	0.7	1
121	Archaeo-geophysical methods in the Templo del Escalonado, Cahuachi, Nasca (Peru). <i>Near Surface Geophysics</i> , 2010, 8, 433-439.	0.6	18
122	Some examples of GPR prospecting for monitoring of the monumental heritage. <i>Journal of Geophysics and Engineering</i> , 2010, 7, 190-199.	0.7	70
123	Integrated prospecting in the Crypt of the Holy Spirit in Monopoli (Southern Italy). , 2010, , .		2
124	On the LiDAR contribution for the archaeological and geomorphological study of a deserted medieval village in Southern Italy. <i>Journal of Geophysics and Engineering</i> , 2010, 7, 155-163.	0.7	40
125	Facing the Archaeological Looting in Peru by Using Very High Resolution Satellite Imagery and Local Spatial Autocorrelation Statistics. <i>Lecture Notes in Computer Science</i> , 2010, , 254-261.	1.0	8
126	On the Estimation of Fire Severity Using Satellite ASTER Data and Spatial Autocorrelation Statistics. <i>Lecture Notes in Computer Science</i> , 2010, , 361-373.	1.0	2

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127	Assessing Macroseismic Data Reliability through Rough Set Theory: The Case of Rapolla (Basilicata,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	1
128	Assessing Macroseismic Data Reliability through Rough Set Theory: Application on Vulture Area (Basilicata, Southern Italy). Smart Innovation, Systems and Technologies, 2010, , 279-288.	0.5	1
129	A multiscale approach for reconstructing archaeological landscapes: Applications in Northern Apulia (Italy). Archaeological Prospection, 2009, 16, 143-153.	1.1	46
130	Full-waveform Airborne Laser Scanning for the detection of medieval archaeological microtopographic relief. Journal of Cultural Heritage, 2009, 10, e78-e82.	1.5	36
131	A new GIS-based integrated approach to analyse the anthropic-geomorphological risk and recover the vernacular architecture. Journal of Cultural Heritage, 2009, 10, e104-e111.	1.5	18
132	Addressing the challenge of detecting archaeological adobe structures in Southern Peru using QuickBird imagery. Journal of Cultural Heritage, 2009, 10, e3-e9.	1.5	27
133	Remote sensing techniques for reconstructing a vast Neolithic settlement in Southern Italy. Journal of Archaeological Science, 2009, 36, 43-50.	1.2	53
134	Damage scenario of the earthquake on 23 July 1930 in Melfi: the contribution of technical documentation. Annals of Geophysics, 2009, 47, .	0.5	2
135	An Integrated Methodology for Medieval Landscape Reconstruction: The Case Study of Monte Serico. Lecture Notes in Computer Science, 2009, , 328-340.	1.0	2
136	Historical earthquakes and damage patterns in Potenza (Basilicata, Southern Italy). Annals of Geophysics, 2009, 50, .	0.5	0
137	Two Applications of the HVSR Technique to Cultural Heritage and Historical Masonry. NATO Science for Peace and Security Series C: Environmental Security, 2009, , 325-335.	0.1	1
138	Satellite-based enhancement of archaeological marks through data fusion techniques. Proceedings of SPIE, 2008, , .	0.8	2
139	Integrated and multiscale NDT for the study of architectural heritage. , 2008, , .		1
140	Performance evaluation of data fusion techniques for archaeological prospection based on satellite data. Proceedings of SPIE, 2007, , .	0.8	1
141	Detection of archaeological crop marks by using satellite QuickBird multispectral imagery. Journal of Archaeological Science, 2007, 34, 214-221.	1.2	183
142	Investigating the spectral capability of QuickBird data to detect archaeological remains buried under vegetated and not vegetated areas. Journal of Cultural Heritage, 2007, 8, 53-60.	1.5	47
143	GPR investigations for the study and the restoration of the rose window of Troia Cathedral (southern Italy). Near Surface Geophysics, 2007, 5, 287-300.	0.6	36
144	Identification of archaeological buried remains based on the normalized difference vegetation index (NDVI) from Quickbird satellite data. IEEE Geoscience and Remote Sensing Letters, 2006, 3, 325-328.	1.4	71

#	ARTICLE	IF	CITATIONS
145	On the potential of QuickBird data for archaeological prospection. <i>International Journal of Remote Sensing</i> , 2006, 27, 3607-3614.	1.3	35
146	Archaeological prospection based on satellite QuickBird imagery. , 2006, , .		0
147	Historical damage pattern and differential seismic effects in a town with ground cavities: A case study from Southern Italy. <i>Engineering Geology</i> , 2006, 88, 41-58.	2.9	25
148	Satellite-based recognition of landscape archaeological features related to ancient human transformation. <i>Journal of Geophysics and Engineering</i> , 2006, 3, 230-235.	0.7	28
149	QuickBird-based analysis for the spatial characterization of archaeological sites: Case study of the Monte Serico medieval village. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	29
150	An algorithm for computing the original units of measure of medieval architecture. <i>Journal of Cultural Heritage</i> , 2004, 5, 7-15.	1.5	5
151	Performance evaluation of AVHRR-based methods for the estimation of fire susceptibility in southern Italy. , 2004, , .		0
152	Estimation of seasonal trends of satellite-based parameters useful for the monitoring of surface moisture content: preliminary results by using NIR-SWIR data of SPOT vegetation. , 2004, , .		0
153	A multifrequency and multisensor approach for the study and the restoration of monuments: the case of the Cathedral of Matera. <i>Advances in Geosciences</i> , 0, 19, 17-22.	12.0	8
154	Historical damage pattern and causes of differential damage: an approach based on combining geophysical prospecting, geological and historical-technical data. <i>Advances in Geosciences</i> , 0, 19, 23-32.	12.0	1
155	Integrated remote sensing techniques for the detection of buried archaeological adobe structures: preliminary results in Cahuachi (Peru). <i>Advances in Geosciences</i> , 0, 19, 75-82.	12.0	19
156	New perspectives for satellite-based archaeological research in the ancient territory of Hierapolis (Turkey). <i>Advances in Geosciences</i> , 0, 19, 87-96.	12.0	8
157	Georadar investigations to detect cavities in a historical town damaged by an earthquake of the past. <i>Advances in Geosciences</i> , 0, 24, 15-21.	12.0	5
158	Integration of ground-penetrating radar, ultrasonic tests and infrared thermography for the analysis of a precious medieval rose window. <i>Advances in Geosciences</i> , 0, 24, 69-82.	12.0	19
159	On the Airborne Lidar Contribution in Archaeology: from Site Identification to Landscape Investigation. , 0, , .		11