

Rosa Lasaponara

List of Publications by Year in descending order

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199
papers

4,363
citations

94269

37
h-index

168136

53
g-index

216
all docs

216
docs citations

216
times ranked

2835
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of archaeological crop marks by using satellite QuickBird multispectral imagery. <i>Journal of Archaeological Science</i> , 2007, 34, 214-221.	1.2	183
2	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
3	Satellite remote sensing in archaeology: past, present and future perspectives. <i>Journal of Archaeological Science</i> , 2011, 38, 1995-2002.	1.2	109
4	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
5	On the use of principal component analysis (PCA) for evaluating interannual vegetation anomalies from SPOT/VEGETATION NDVI temporal series. <i>Ecological Modelling</i> , 2006, 194, 429-434.	1.2	89
6	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
7	Application of learning vector quantization and different machine learning techniques to assessing forest fire influence factors and spatial modelling. <i>Environmental Research</i> , 2020, 184, 109321.	3.7	72
8	Identification of archaeological buried remains based on the normalized difference vegetation index (NDVI) from Quickbird satellite data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2006, 3, 325-328.	1.4	71
9	Evaluation of a new satellite-based method for forest fire detection. <i>International Journal of Remote Sensing</i> , 2001, 22, 1799-1826.	1.3	68
10	Multiscale mapping of burn area and severity using multisensor satellite data and spatial autocorrelation analysis. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 20, 42-51.	1.4	68
11	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
12	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
13	Satellite Synthetic Aperture Radar in Archaeology and Cultural Landscape: An Overview. <i>Archaeological Prospection</i> , 2013, 20, 71-78.	1.1	63
14	Google Earth as a Powerful Tool for Archaeological and Cultural Heritage Applications: A Review. <i>Remote Sensing</i> , 2018, 10, 1558.	1.8	60
15	Estimating spectral separability of satellite derived parameters for burned areas mapping in the Calabria region by using SPOT-Vegetation data. <i>Ecological Modelling</i> , 2006, 196, 265-270.	1.2	59
16	Time-scaling properties in forest-fire sequences observed in Gargano area (southern Italy). <i>Ecological Modelling</i> , 2005, 185, 531-544.	1.2	55
17	Management of Cultural Heritage Sites Using Remote Sensing Indices and Spatial Analysis Techniques. <i>Surveys in Geophysics</i> , 2018, 39, 1347-1377.	2.1	51
18	Flights into the past: full-waveform airborne laser scanning data for archaeological investigation. <i>Journal of Archaeological Science</i> , 2011, 38, 2061-2070.	1.2	49

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19	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
20	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
21	Investigating the spectral capability of QuickBird data to detect archaeological remains buried under vegetated and not vegetated areas. <i>Journal of Cultural Heritage</i> , 2007, 8, 53-60.	1.5	47
22	A multiscale approach for reconstructing archaeological landscapes: Applications in Northern Apulia (Italy). <i>Archaeological Prospection</i> , 2009, 16, 143-153.	1.1	46
23	A self-adaptive algorithm based on AVHRR multitemporal data analysis for small active fire detection. <i>International Journal of Remote Sensing</i> , 2003, 24, 1723-1749.	1.3	44
24	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
25	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
26	Quantifying intra-annual persistent behaviour in SPOT-VEGETATION NDVI data for Mediterranean ecosystems of southern Italy. <i>Remote Sensing of Environment</i> , 2006, 101, 95-103.	4.6	43
27	Remotely sensed characterization of forest fuel types by using satellite ASTER data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2007, 9, 225-234.	1.4	43
28	Scan statistics analysis of forest fire clusters. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2008, 13, 1689-1694.	1.7	41
29	Scaling and correlations in the dynamics of forest-fire occurrence. <i>Physical Review E</i> , 2008, 77, 016101.	0.8	41
30	Prospection and Monitoring of the Archaeological Heritage of Nasca, Peru, with ENVISAT ASAR. <i>Archaeological Prospection</i> , 2013, 20, 133-147.	1.1	41
31	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
32	Fisher's Shannon information plane analysis of SPOT/VEGETATION Normalized Difference Vegetation Index (NDVI) time series to characterize vegetation recovery after fire disturbance. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 441-446.	1.4	41
33	Modeling Land Suitability for Rice Crop Using Remote Sensing and Soil Quality Indicators: The Case Study of the Nile Delta. <i>Sustainability</i> , 2020, 12, 9653.	1.6	41
34	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
35	Spatial Open Data for Monitoring Risks and Preserving Archaeological Areas and Landscape: Case Studies at Kom el Shoqafa, Egypt and Shush, Iran. <i>Sustainability</i> , 2017, 9, 572.	1.6	40
36	Multiresolution spatial characterization of land degradation phenomena in southern Italy from 1985 to 1999 using NOAA-AVHRR NDVI data. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	39

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37	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
38	Quantitative Evaluation of Soil Quality Using Principal Component Analysis: The Case Study of El-Fayoum Depression Egypt. <i>Sustainability</i> , 2021, 13, 1824.	1.6	39
39	Pre- and post-fire behavioral trends revealed in satellite NDVI time series. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	37
40	Monitoring the Environmental Risks Around Medinet Habu and Ramesseum Temple at West Luxor, Egypt, Using Remote Sensing and GIS Techniques. <i>Journal of Archaeological Method and Theory</i> , 2018, 25, 587-610.	1.4	37
41	Full-waveform Airborne Laser Scanning for the detection of medieval archaeological microtopographic relief. <i>Journal of Cultural Heritage</i> , 2009, 10, e78-e82.	1.5	36
42	On the potential of QuickBird data for archaeological prospection. <i>International Journal of Remote Sensing</i> , 2006, 27, 3607-3614.	1.3	35
43	On the capability of satellite VHR QuickBird data for fuel type characterization in fragmented landscape. <i>Ecological Modelling</i> , 2007, 204, 79-84.	1.2	35
44	Evaluation of urban sprawl from space using open source technologies. <i>Ecological Informatics</i> , 2015, 26, 151-161.	2.3	35
45	Remote sensing and GIS techniques for reconstructing the military fort system on the Roman boundary (Tunisian section) and identifying archaeological sites. <i>Remote Sensing of Environment</i> , 2020, 236, 111418.	4.6	35
46	Vis-NIR Spectroscopy and Satellite Landsat-8 OLI Data to Map Soil Nutrients in Arid Conditions: A Case Study of the Northwest Coast of Egypt. <i>Remote Sensing</i> , 2020, 12, 3716.	1.8	35
47	Detection of interannual variation of vegetation in middle and southern Italy during 1985-1999 with 1 km NOAA AVHRR NDVI data. <i>Journal of Geophysical Research</i> , 2001, 106, 17863-17876.	3.3	34
48	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
49	Identification of Burned Areas and Severity Using SAR Sentinel-1. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 917-921.	1.4	34
50	Quantifying Urban Sprawl with Spatial Autocorrelation Techniques using Multi-Temporal Satellite Data. <i>International Journal of Agricultural and Environmental Information Systems</i> , 2014, 5, 19-37.	1.8	33
51	Predictive modeling for preventive Archaeology: overview and case study. <i>Open Geosciences</i> , 2014, 6, .	0.6	33
52	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
53	Intercomparison of AVHRR-based fire susceptibility indicators for the Mediterranean ecosystems of southern Italy. <i>International Journal of Remote Sensing</i> , 2005, 26, 853-870.	1.3	31
54	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

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55	Cultural Heritage Management Using Remote Sensing Data and GIS Techniques around the Archaeological Area of Ancient Jeddah in Jeddah City, Saudi Arabia. <i>Sustainability</i> , 2020, 12, 240.	1.6	31
56	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
57	Discriminating dynamical patterns in burned and unburned vegetational covers by using SPOT-VGT NDVI data. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	28
58	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
59	Evaluating the Effects of Human Activity over the Last Decades on the Soil Organic Carbon Pool Using Satellite Imagery and GIS Techniques in the Nile Delta Area, Egypt. <i>Sustainability</i> , 2019, 11, 2644.	1.6	28
60	Addressing the challenge of detecting archaeological adobe structures in Southern Peru using QuickBird imagery. <i>Journal of Cultural Heritage</i> , 2009, 10, e3-e9.	1.5	27
61	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
62	Time-clustering analysis of forest-fire sequences in southern Italy. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 139-149.	2.5	26
63	ALOS PALSAR Analysis of the Archaeological Site of Pelusium. <i>Archaeological Prospection</i> , 2013, 20, 109-116.	1.1	26
64	On the Use of Satellite Sentinel 2 Data for Automatic Mapping of Burnt Areas and Burn Severity. <i>Sustainability</i> , 2018, 10, 3889.	1.6	26
65	The Prediction and Assessment of the Impacts of Soil Sealing on Agricultural Land in the North Nile Delta (Egypt) Using Satellite Data and GIS Modeling. <i>Sustainability</i> , 2019, 11, 4662.	1.6	26
66	Multispectral Contrast of Archaeological Features: A Quantitative Evaluation. <i>Remote Sensing</i> , 2019, 11, 913.	1.8	26
67	SAR Sentinel 1 Imaging and Detection of Palaeo-Landscape Features in the Mediterranean Area. <i>Remote Sensing</i> , 2020, 12, 2611.	1.8	25
68	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
69	Vegetational patterns in burned and unburned areas investigated by using the detrended fluctuation analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 368, 531-535.	1.2	24
70	Integration of aerial and satellite remote sensing for archaeological investigations: a case study of the Etruscan site of San Giovenale. <i>Journal of Geophysics and Engineering</i> , 2012, 9, S26-S39.	0.7	24
71	Multi-frequency, polarimetric SAR analysis for archaeological prospection. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 28, 211-219.	1.4	24
72	Geo-Environmental Estimation of Land Use Changes and Its Effects on Egyptian Temples at Luxor City. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 378.	1.4	23

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73	Multiple Flights or Single Flight Instrument Fusion of Hyperspectral and ALS Data? A Comparison of their Performance for Vegetation Mapping. <i>Remote Sensing</i> , 2019, 11, 970.	1.8	22
74	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
75	Archaeogeophysical-Based Approach for Inca Archaeology: Overview and one operational application. <i>Surveys in Geophysics</i> , 2018, 39, 1239-1262.	2.1	21
76	Preventive Archaeology Based on Open Remote Sensing Data and Tools: The Cases of Sant'Arzenio (SA) and Foggia (FG), Italy. <i>Sustainability</i> , 2019, 11, 4145.	1.6	21
77	On the Use of Satellite Imagery and GIS Tools to Detect and Characterize the Urbanization around Heritage Sites: The Case Studies of the Catacombs of Mustafa Kamel in Alexandria, Egypt and the Aragonese Castle in Baia, Italy. <i>Sustainability</i> , 2019, 11, 2110.	1.6	21
78	On the LiDAR contribution for landscape archaeology and palaeoenvironmental studies: the case study of Bosco dell'Incoronata (Southern Italy). <i>Advances in Geosciences</i> , 0, 24, 125-132.	12.0	21
79	Sensing the Past from Space: Approaches to Site Detection. <i>Geotechnologies and the Environment</i> , 2017, , 23-60.	0.3	20
80	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
81	Natural Hazards, Human Factors, and "Ghost Towns": a Multi-Level Approach. <i>Geoheritage</i> , 2019, 11, 1533-1565.	1.5	20
82	Image Enhancement, Feature Extraction and Geospatial Analysis in an Archaeological Perspective. <i>Remote Sensing and Digital Image Processing</i> , 2012, , 17-63.	0.7	20
83	Satellite-Based Monitoring of Archaeological Looting in Peru. <i>Remote Sensing and Digital Image Processing</i> , 2012, , 177-193.	0.7	20
84	Multiscale fuel type mapping in fragmented ecosystems: preliminary results from hyperspectral MIVIS and multispectral Landsat TM data. <i>International Journal of Remote Sensing</i> , 2006, 27, 587-593.	1.3	19
85	Intra-annual dynamical persistent mechanisms in mediterranean ecosystems revealed SPOT-VEGETATION time series. <i>Ecological Complexity</i> , 2008, 5, 151-156.	1.4	19
86	Uncovering the ancient canal-based tuntian agricultural landscape at China's northwestern frontiers. <i>Journal of Cultural Heritage</i> , 2017, 23, 79-88.	1.5	19
87	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
88	Dynamic Fire Danger Mapping from Satellite Imagery and Meteorological Forecast Data. <i>Earth Interactions</i> , 2007, 11, 1-17.	0.7	18
89	Archaeo-geophysical methods in the Templo del Escalonado, Cahuachi, Nasca (Peru). <i>Near Surface Geophysics</i> , 2010, 8, 433-439.	0.6	18
90	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

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91	Discovering Potential Settlement Areas around Archaeological Tells Using the Integration between Historic Topographic Maps, Optical, and Radar Data in the Northern Nile Delta, Egypt. <i>Remote Sensing</i> , 2019, 11, 3039.	1.8	18
92	Analysis of time-scaling properties in forest-fire sequence observed in Italy. <i>Ecological Modelling</i> , 2010, 221, 90-93.	1.2	17
93	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
94	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
95	On the relevance of accurate correction and validation procedures in the analysis of AVHRR-NDVI time series for long-term monitoring. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16
96	Characterization and Mapping of Fuel Types for the Mediterranean Ecosystems of Pollino National Park in Southern Italy by Using Hyperspectral MIVIS Data. <i>Earth Interactions</i> , 2006, 10, 1-11.	0.7	15
97	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
98	Estimating Interannual Variations in Vegetated Areas of Sardinia Island Using SPOT/VEGETATION NDVI Temporal Series. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2006, 3, 481-483.	1.4	14
99	Space-time fractal properties of the forest-fire series in central Italy. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2007, 12, 1326-1333.	1.7	14
100	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
101	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
102	Auto-Extraction of Linear Archaeological Traces of Tuntian Irrigation Canals in Miran Site (China) from Gaofen-1 Satellite Imagery. <i>Remote Sensing</i> , 2018, 10, 718.	1.8	13
103	On the Mapping of Burned Areas and Burn Severity Using Self Organizing Map and Sentinel-2 Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 854-858.	1.4	13
104	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
105	Remote Sensing in Archaeology: From Visual Data Interpretation to Digital Data Manipulation. <i>Remote Sensing and Digital Image Processing</i> , 2012, , 3-16.	0.7	13
106	Following the Ancient Nasca Puquios from Space. <i>Remote Sensing and Digital Image Processing</i> , 2012, , 269-289.	0.7	13
107	Emergence of temporal regimes in fire sequences. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 360, 543-547.	1.2	12
108	fluctuations in the time dynamics of Mediterranean forest ecosystems by using normalized difference vegetation index satellite data. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 361, 699-706.	1.2	12

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109	Cultural Heritage Management Using Analysis of Satellite Images and Advanced GIS Techniques at East Luxor, Egypt and Kangavar, Iran (A Comparison Case Study). <i>Lecture Notes in Computer Science</i> , 2017, , 152-168.	1.0	12
110	Low Cost Space Technologies for Operational Change Detection Monitoring Around the Archaeological Area of Esna-Egypt. <i>Lecture Notes in Computer Science</i> , 2016, , 611-621.	1.0	11
111	Fisher's Shannon and detrended fluctuation analysis of MODIS normalized difference vegetation index (NDVI) time series of fire-affected and fire-unaffected pixels. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1342-1357.	2.0	11
112	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
113	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
114	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
115	Integrated Remote Sensing Approach in Cahuachi (Peru): Studies and Results of the ITACA Mission (2007-2010). <i>Remote Sensing and Digital Image Processing</i> , 2012, , 307-344.	0.7	10
116	Satellite time-series analysis. <i>International Journal of Remote Sensing</i> , 2012, 33, 4649-4652.	1.3	9
117	Using Spatial Autocorrelation Techniques and Multi-temporal Satellite Data for Analyzing Urban Sprawl. <i>Lecture Notes in Computer Science</i> , 2012, , 512-527.	1.0	9
118	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
119	Fire-induced variability in satellite SPOT-VGT NDVI vegetational data. <i>International Journal of Remote Sensing</i> , 2006, 27, 3087-3095.	1.3	8
120	Identifying spatial clustering phenomena in forest-fire sequences. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 376, 596-600.	1.2	8
121	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
122	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
123	Detecting the environmental risk on the archaeological sites using satellite imagery in Basilicata Region, Italy. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2022, 25, 181-193.	1.1	8
124	Investigating dynamical trends in burned and unburned vegetation covers using SPOT-VGT NDVI data. <i>Journal of Geophysics and Engineering</i> , 2007, 4, 128-138.	0.7	7
125	Emergence of spatio-temporal patterns in forest-fire sequences. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 3271-3280.	1.2	7
126	Combating Illegal Excavations Illegal Excavations in Cahuachi: Ancient Problems and Modern Technologies. , 2016, , 605-633.		7

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127	Pattern Recognition and Classification Using VHR Data for Archaeological Research. Remote Sensing and Digital Image Processing, 2012, , 65-85.	0.7	7
128	Pan-Sharpening Techniques to Enhance Archaeological Marks: An Overview. Remote Sensing and Digital Image Processing, 2012, , 87-109.	0.7	7
129	Airborne Lidar in Archaeology: Overview and a Case Study. Lecture Notes in Computer Science, 2013, , 663-676.	1.0	6
130	Towards Urban Archaeo-Geophysics in Peru. The Case Study of Plaza de Armas in Cusco. Sensors, 2020, 20, 2869.	2.1	6
131	Fuel type characterization based on coarse resolution MODIS satellite data. IForest, 2008, 1, 60-64.	0.5	6
132	Integrated use of multi-temporal multi-sensor and multiscale Remote Sensing data for the understanding of archaeological contexts: the case study of Metaponto, Basilicata.. Journal of Physics: Conference Series, 2022, 2204, 012020.	0.3	6
133	The role of imaging radar in cultural heritage: From technologies to applications. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102907.	0.9	6
134	Forest fire danger estimation based on the integration of satellite AVHRR data and topographic factors. , 1999, 3868, 241.		5
135	Identifying spatial clustering properties of the 1997â€“2003 Liguria (Northern Italy) forest-fire sequence. Chaos, Solitons and Fractals, 2007, 32, 1364-1370.	2.5	5
136	On the Use of Satellite Remote Sensing Data to Characterize and Map Fuel Types. Lecture Notes in Computer Science, 2011, , 344-353.	1.0	5
137	A Comparative Analysis of Temporal Changes in Urban Land Use Resorting to Advanced Remote Sensing and GIS in Karaj, Iran and Luxor, Egypt. Lecture Notes in Computer Science, 2019, , 689-703.	1.0	5
138	Recent and Past Archaeological Looting by Satellite Remote Sensing: Approach and Application in Syria. Springer Remote Sensing/photogrammetry, 2020, , 123-137.	0.4	5
139	Satellite and close range analysis for the surveillance and knowledge improvement of the Nasca geoglyphs. Remote Sensing of Environment, 2020, 236, 111447.	4.6	5
140	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. Journal of Archaeological Method and Theory, 2020, , 1.	1.4	5
141	Multi-Scale Monitoring of Rupestrian Heritage: Methodological Approach and Application to a Case Study. International Journal of Architectural Heritage, 2020, , 1-16.	1.7	5
142	Mapping the Roman Water Supply System of the Wadi el Melah Valley in Gafsa, Tunisia, Using Remote Sensing. Sustainability, 2020, 12, 567.	1.6	5
143	Remote and Close Range Sensing for the Automatic Identification and Characterization of Archaeological Looting. The Case of Peru. Journal of Computer Applications in Archaeology, 2021, 4, 126-144.	0.8	5
144	On the Use of the Principal Component Analysis (PCA) for Evaluating Vegetation Anomalies from LANDSAT-TM NDVI Temporal Series in the Basilicata Region (Italy). Lecture Notes in Computer Science, 2015, , 204-216.	1.0	5

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145	On the Use of Radar and Optical Satellite Imagery for the Monitoring of Flood Hazards on Heritage Sites in Southern Sinai, Egypt. Sustainability, 2022, 14, 5500.	1.6	5
146	Fire detection by AVHRR: toward a new approach for operational monitoring. , 1998, , .		4
147	<title>Pollino Project Action D: a multiscale approach in the space-time domain to environmental risk monitoring</title>. , 2002, , .		4
148	Investigating fire-induced behavioural trends in vegetation covers. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 2018-2023.	1.7	4
149	Living in the Golden Age of Digital Archaeology. Lecture Notes in Computer Science, 2016, , 597-610.	1.0	4
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