

Rosa Lasaponara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3011721/publications.pdf>

Version: 2024-02-01

199
papers

4,363
citations

94433

37
h-index

168389

53
g-index

216
all docs

216
docs citations

216
times ranked

2835
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. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	10
2	Detecting the environmental risk on the archaeological sites using satellite imagery in Basilicata Region, Italy. Egyptian Journal of Remote Sensing and Space Science, 2022, 25, 181-193.	2.0	8
3	Pattern Recognition Approach and LiDAR for the Analysis and Mapping of Archaeological Looting: Application to an Etruscan Site. Remote Sensing, 2022, 14, 1587.	4.0	9
4	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.	0.4	6
5	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.	3.2	5
6	Fusion and integration of heterogeneous close range remote sensing and geophysical data. The case of Grumentum.. Journal of Physics: Conference Series, 2022, 2204, 012018.	0.4	0
7	The role of imaging radar in cultural heritage: From technologies to applications. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102907.	1.9	6
8	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.	1.5	5
9	Quantitative Evaluation of Soil Quality Using Principal Component Analysis: The Case Study of El-Fayoum Depression Egypt. Sustainability, 2021, 13, 1824.	3.2	39
10	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. Sensors, 2021, 21, 1791.	3.8	25
11	Multitemporal “Multispectral UAS Surveys for Archaeological Research: The Case Study of San Vincenzo Al Volturno (Molise, Italy). Remote Sensing, 2021, 13, 2719.	4.0	13
12	Active Satellite Sensors in Cultural Heritage Research: The Use of SAR for Archaeological Prospection. Springer Remote Sensing/photogrammetry, 2020, , 107-121.	0.4	1
13	Recent and Past Archaeological Looting by Satellite Remote Sensing: Approach and Application in Syria. Springer Remote Sensing/photogrammetry, 2020, , 123-137.	0.4	5
14	Remote sensing and GIS techniques for reconstructing the military fort system on the Roman boundary (Tunisian section) and identifying archaeological sites. Remote Sensing of Environment, 2020, 236, 111418.	11.0	35
15	Satellite and close range analysis for the surveillance and knowledge improvement of the Nasca geoglyphs. Remote Sensing of Environment, 2020, 236, 111447.	11.0	5
16	Cultural Heritage Management Using Remote Sensing Data and GIS Techniques around the Archaeological Area of Ancient Jeddah in Jeddah City, Saudi Arabia. Sustainability, 2020, 12, 240.	3.2	31
17	Modeling Land Suitability for Rice Crop Using Remote Sensing and Soil Quality Indicators: The Case Study of the Nile Delta. Sustainability, 2020, 12, 9653.	3.2	41
18	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. Remote Sensing, 2020, 12, 3716.	4.0	35

#	ARTICLE	IF	CITATIONS
19	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.	3.0	5
20	Multi-Scale Monitoring of Rupestrian Heritage: Methodological Approach and Application to a Case Study. <i>International Journal of Architectural Heritage</i> , 2020, , 1-16.	3.1	5
21	SAR Sentinel 1 Imaging and Detection of Palaeo-Landscape Features in the Mediterranean Area. <i>Remote Sensing</i> , 2020, 12, 2611.	4.0	25
22	A multidisciplinary approach to archaeological research in Sant'Arzenio (Salerno, Italy): new methodologies and consolidated practices for the knowledge of cultural heritage. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 509, 012001.	0.3	0
23	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.	3.1	13
24	Mapping the Roman Water Supply System of the Wadi el Melah Valley in Gafsa, Tunisia, Using Remote Sensing. <i>Sustainability</i> , 2020, 12, 567.	3.2	5
25	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.	7.5	72
26	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.	4.0	32
27	Unsupervised Burned Area Mapping in a Protected Natural Site. An Approach Using SAR Sentinel-1 Data and K-mean Algorithm. <i>Lecture Notes in Computer Science</i> , 2020, , 63-77.	1.3	4
28	Digital Heritage. , 2020, , 565-591.		4
29	Towards Urban Archaeo-Geophysics in Peru. The Case Study of Plaza de Armas in Cusco. <i>Sensors</i> , 2020, 20, 2869.	3.8	6
30	Airborne and spaceborne remote sensing for archaeological and cultural heritage applications: A review of the century (1907-2017). <i>Remote Sensing of Environment</i> , 2019, 232, 111280.	11.0	169
31	A Comparative Analysis of Temporal Changes in Urban Land Use Resorting to Advanced Remote Sensing and GIS in Karaj, Iran and Luxor, Egypt. <i>Lecture Notes in Computer Science</i> , 2019, , 689-703.	1.3	5
32	Natural Hazards, Human Factors, and "Ghost Towns": a Multi-Level Approach. <i>Geoheritage</i> , 2019, 11, 1533-1565.	2.8	20
33	Old Methods and New Technologies: A Multidisciplinary Approach to Archaeological Research in Sant'Arzenio (Salerno, Italy). <i>Lecture Notes in Computer Science</i> , 2019, , 313-326.	1.3	2
34	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.	3.2	26
35	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.	3.2	21
36	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.	3.2	28

#	ARTICLE	IF	CITATIONS
37	Identification of Burned Areas and Severity Using SAR Sentinel-1. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 917-921.	3.1	34
38	Multiple Flights or Single Flight Instrument Fusion of Hyperspectral and ALS Data? A Comparison of their Performance for Vegetation Mapping. Remote Sensing, 2019, 11, 970.	4.0	22
39	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. Sustainability, 2019, 11, 2110.	3.2	21
40	Multispectral Contrast of Archaeological Features: A Quantitative Evaluation. Remote Sensing, 2019, 11, 913.	4.0	26
41	The Extent of Infrastructure Causing Fragmentation in the Hydrocarbon Basin in the Arid and Semi-Arid Zones of Patagonia (Argentina). Sustainability, 2019, 11, 5956.	3.2	3
42	Discovering Potential Settlement Areas around Archaeological Tells Using the Integration between Historic Topographic Maps, Optical, and Radar Data in the Northern Nile Delta, Egypt. Remote Sensing, 2019, 11, 3039.	4.0	18
43	Reconstructing settlement evolution from neolithic to Shang dynasty in Songshan mountain area of central China based on self-organizing feature map. Journal of Cultural Heritage, 2019, 36, 23-31.	3.3	11
44	Quantifying Urban Sprawl With Spatial Autocorrelation Techniques Using Multi-Temporal Satellite Data. , 2019, , 1624-1644.		0
45	Multi-frequency Electromagnetic Induction Survey for Archaeological Prospection: Approach and Results in Han Hangu Pass and Xishan Yang in China. Surveys in Geophysics, 2018, 39, 1285-1302.	4.6	14
46	On the characterization of temporal and spatial patterns of archaeological crop-marks. Journal of Cultural Heritage, 2018, 32, 124-132.	3.3	20
47	Unique performance of spaceborne SAR remote sensing in cultural heritage applications: Overviews and perspectives. Archaeological Prospection, 2018, 25, 71-79.	2.2	17
48	Traces in the desert: use of new technologies for the study and valorization of the Pachacamac sanctuary in Lima, Peru. Heritage Science, 2018, 6, .	2.3	1
49	Medieval Archaeology Under the Canopy with LiDAR. The (Re)Discovery of a Medieval Fortified Settlement in Southern Italy. Remote Sensing, 2018, 10, 1598.	4.0	44
50	On the Use of Satellite Sentinel 2 Data for Automatic Mapping of Burnt Areas and Burn Severity. Sustainability, 2018, 10, 3889.	3.2	26
51	Monitoring the Environmental Risks Around Medinet Habu and Ramesseum Temple at West Luxor, Egypt, Using Remote Sensing and GIS Techniques. Journal of Archaeological Method and Theory, 2018, 25, 587-610.	3.0	37
52	Archaeogeophysical-Based Approach for Inca Archaeology: Overview and one operational application. Surveys in Geophysics, 2018, 39, 1239-1262.	4.6	21
53	Google Earth as a Powerful Tool for Archaeological and Cultural Heritage Applications: A Review. Remote Sensing, 2018, 10, 1558.	4.0	60
54	Management of Cultural Heritage Sites Using Remote Sensing Indices and Spatial Analysis Techniques. Surveys in Geophysics, 2018, 39, 1347-1377.	4.6	51

#	ARTICLE	IF	CITATIONS
55	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.	4.0	13
56	Fire Risk Estimation at Different Scales of Observations: An Overview of Satellite Based Methods. <i>Lecture Notes in Computer Science</i> , 2018, , 375-388.	1.3	2
57	Corona Satellite Pictures for Archaeological Studies: A Review and Application to the Lost Forbidden City of the Hanâ€“Wei Dynasties. <i>Surveys in Geophysics</i> , 2018, 39, 1303-1322.	4.6	18
58	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.	4.6	31
59	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.	1.3	0
60	Remote sensing archaeology knowledge transfer: examples from the ATHENA twinning project. , 2018, , .		1
61	Remote sensing archaeology knowledge transfer: examples from the ATHENA Twinning project. , 2018, , .		0
62	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.	3.3	102
63	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.	3.3	15
64	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.	3.3	13
65	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.	3.3	17
66	Uncovering the ancient canal-based tuntian agricultural landscape at China's northwestern frontiers. <i>Journal of Cultural Heritage</i> , 2017, 23, 79-88.	3.3	19
67	Sensing the Past from Space: Approaches to Site Detection. <i>Geotechnologies and the Environment</i> , 2017, , 23-60.	0.3	20
68	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
69	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.	1.3	12
70	Fisherâ€“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.	4.3	11
71	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.	3.9	21
72	Towards an Operational Use of Geophysics for Archaeology in Henan (China): Methodological Approach and Results in Kaifeng. <i>Remote Sensing</i> , 2017, 9, 809.	4.0	44

#	ARTICLE	IF	CITATIONS
73	On the Relationship between Holocene Geomorphic Evolution of Rivers and Prehistoric Settlements Distribution in the Songshan Mountain Region of China. Sustainability, 2017, 9, 114.	3.2	10
74	Geo-Environmental Estimation of Land Use Changes and Its Effects on Egyptian Temples at Luxor City. ISPRS International Journal of Geo-Information, 2017, 6, 378.	2.9	23
75	Spatial Open Data for Monitoring Risks and Preserving Archaeological Areas and Landscape: Case Studies at Kom el Shoqafa, Egypt and Shush, Iran. Sustainability, 2017, 9, 572.	3.2	40
76	Low Cost Space Based Monitoring of Forest Fires: An Overview of 2015-2016 Operational Experience of FIRESAT in the Basilicata Region. Lecture Notes in Computer Science, 2017, , 728-741.	1.3	0
77	Study of the Variations of Archaeological Marks at Neolithic Site of Lucera, Italy Using High-Resolution Multispectral Datasets. Remote Sensing, 2016, 8, 723.	4.0	48
78	Living in the Golden Age of Digital Archaeology. Lecture Notes in Computer Science, 2016, , 597-610.	1.3	4
79	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. International Journal of Digital Earth, 2016, 9, 1224-1241.	3.9	34
80	Remote Sensing Fire Danger Prediction Models Applied to Northern China. Lecture Notes in Computer Science, 2016, , 624-633.	1.3	1
81	Low Cost Space Technologies for Operational Change Detection Monitoring Around the Archaeological Area of Esna-Egypt. Lecture Notes in Computer Science, 2016, , 611-621.	1.3	11
82	Towards an operative use of remote sensing for exploring the past using satellite data: The case study of Hierapolis (Turkey). Remote Sensing of Environment, 2016, 174, 148-164.	11.0	68
83	Puquios: The Nasca Response to Water Shortage. , 2016, , 279-327.		3
84	Remote Sensing and Geophysics for the Study of the Human Past in the Nasca Drainage. , 2016, , 469-527.		3
85	Combating Illegal Excavations Illegal Excavations in Cahuachi: Ancient Problems and Modern Technologies. , 2016, , 605-633.		7
86	Puquios: New Insights from the Integration of Remote Sensing, GIS-Based Analyses and Geophysical Investigations. , 2016, , 543-580.		4
87	Satellite Based Monitoring of Natural Heritage Sites: The Case Study of the Iguazu Park. Lecture Notes in Computer Science, 2016, , 622-631.	1.3	1
88	Thirty Years of Investigations in Nasca: From Proyecto Nasca to the ITACA Mission. , 2016, , 1-20.		0
89	Spatial Analysis for the Study of Environmental Settlement Patterns: The Archaeological Sites of the Santa Cruz Province. Lecture Notes in Computer Science, 2016, , 191-203.	1.3	1
90	Searching data for supporting archaeo-landscapes in Cyprus: an overview of aerial, satellite, and cartographic datasets of the island. Proceedings of SPIE, 2016, , .	0.8	0

#	ARTICLE	IF	CITATIONS
91	A Space View of Radar Archaeological Marks: First Applications of COSMO-SkyMed X-Band Data. Remote Sensing, 2015, 7, 24-50.	4.0	48
92	Deformation analysis of a metropolis from C- to X-band PSI: Proof-of-concept with COSMO-SkyMed over Rome, Italy. , 2015, , .		0
93	Evaluation of urban sprawl from space using open source technologies. Ecological Informatics, 2015, 26, 151-161.	5.2	35
94	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.	1.3	5
95	Multi-scale Detection of Changing Cultural Landscapes in Nasca (Peru) Through ENVISAT ASAR and TerraSAR-X. , 2015, , 339-343.		2
96	Quantifying Urban Sprawl with Spatial Autocorrelation Techniques using Multi-Temporal Satellite Data. International Journal of Agricultural and Environmental Information Systems, 2014, 5, 19-37.	2.0	33
97	Persistent Scatterer Interferometry Processing of COSMO-SkyMed StripMap HIMAGE Time Series to Depict Deformation of the Historic Centre of Rome, Italy. Remote Sensing, 2014, 6, 12593-12618.	4.0	85
98	Fisherâ€™Shannon information plane analysis of SPOT/VEGETATION Normalized Difference Vegetation Index (NDVI) time series to characterize vegetation recovery after fire disturbance. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 441-446.	2.8	41
99	Predictive modeling for preventive Archaeology: overview and case study. Open Geosciences, 2014, 6, .	1.7	33
100	Multi-frequency, polarimetric SAR analysis for archaeological prospection. International Journal of Applied Earth Observation and Geoinformation, 2014, 28, 211-219.	2.8	24
101	Investigating archaeological looting using satellite images and GEORADAR: the experience in Lambayeque in North Peru. Journal of Archaeological Science, 2014, 42, 216-230.	2.4	66
102	Beyond modern landscape features: New insights in the archaeological area of Tiwanaku in Bolivia from satellite data. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 464-471.	2.8	27
103	Investigating Natural Hazards in the Peruvian Region of Nasca with Space-Borne Radar Sensors. , 2014, , 357-362.		2
104	Multiscale mapping of burn area and severity using multisensor satellite data and spatial autocorrelation analysis. International Journal of Applied Earth Observation and Geoinformation, 2013, 20, 42-51.	2.8	68
105	ALOS PALSAR Analysis of the Archaeological Site of Pelusium. Archaeological Prospection, 2013, 20, 109-116.	2.2	26
106	Satellite Synthetic Aperture Radar in Archaeology and Cultural Landscape: An Overview. Archaeological Prospection, 2013, 20, 71-78.	2.2	63
107	Prospection and Monitoring of the Archaeological Heritage of Nasca, Peru, with ENVISAT ASAR. Archaeological Prospection, 2013, 20, 133-147.	2.2	41
108	Amplitude Change Detection with ENVISAT ASAR to Image the Cultural Landscape of the Nasca Region, Peru. Archaeological Prospection, 2013, 20, 117-131.	2.2	41

#	ARTICLE	IF	CITATIONS
109	GIS and archaeology: a spatial predictive model for neolithic sites of the Tavoliere (Apulia). , 2013, , .		0
110	Satellite Time Series and in Situ Data Analysis for Assessing Landslide Susceptibility after Forest Fire: Preliminary Results Focusing the Case Study of Pisticci (Matera, Italy). Lecture Notes in Computer Science, 2013, , 652-662.	1.3	2
111	Airborne Lidar in Archaeology: Overview and a Case Study. Lecture Notes in Computer Science, 2013, , 663-676.	1.3	6
112	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.	1.4	24
113	Satellite time-series analysis. International Journal of Remote Sensing, 2012, 33, 4649-4652.	2.9	9
114	Using Spatial Autocorrelation Techniques and Multi-temporal Satellite Data for Analyzing Urban Sprawl. Lecture Notes in Computer Science, 2012, , 512-527.	1.3	9
115	Remote Sensing in Archaeology: From Visual Data Interpretation to Digital Data Manipulation. Remote Sensing and Digital Image Processing, 2012, , 3-16.	0.7	13
116	Following the Ancient Nasca Puquios from Space. Remote Sensing and Digital Image Processing, 2012, , 269-289.	0.7	13
117	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
118	Image Enhancement, Feature Extraction and Geospatial Analysis in an Archaeological Perspective. Remote Sensing and Digital Image Processing, 2012, , 17-63.	0.7	20
119	Pattern Recognition and Classification Using VHR Data for Archaeological Research. Remote Sensing and Digital Image Processing, 2012, , 65-85.	0.7	7
120	Pan-Sharpening Techniques to Enhance Archaeological Marks: An Overview. Remote Sensing and Digital Image Processing, 2012, , 87-109.	0.7	7
121	Satellite-Based Monitoring of Archaeological Looting in Peru. Remote Sensing and Digital Image Processing, 2012, , 177-193.	0.7	20
122	Investigating Satellite Landsat TM and ASTER Multitemporal Data Set to Discover Ancient Canals and Acqueduct Systems. Lecture Notes in Computer Science, 2012, , 497-511.	1.3	0
123	Flights into the past: full-waveform airborne laser scanning data for archaeological investigation. Journal of Archaeological Science, 2011, 38, 2061-2070.	2.4	49
124	New discoveries in the Piramide Naranjada in Cahuachi (Peru) using satellite, Ground Probing Radar and magnetic investigations. Journal of Archaeological Science, 2011, 38, 2031-2039.	2.4	39
125	Satellite remote sensing in archaeology: past, present and future perspectives. Journal of Archaeological Science, 2011, 38, 1995-2002.	2.4	109
126	On the Use of Satellite Remote Sensing Data to Characterize and Map Fuel Types. Lecture Notes in Computer Science, 2011, , 344-353.	1.3	5

#	ARTICLE	IF	CITATIONS
127	Pre and Post Fire Vegetation Behavioral Trends from Satellite MODIS/NDVI Time Series in Semi-natural Areas. Lecture Notes in Computer Science, 2011, , 330-343.	1.3	1
128	On the Processing of Aerial LiDAR Data for Supporting Enhancement, Interpretation and Mapping of Archaeological Features. Lecture Notes in Computer Science, 2011, , 392-406.	1.3	2
129	Satellite Based Observations of the Dynamic Expansion of Urban Areas in Southern Italy Using Geospatial Analysis. Lecture Notes in Computer Science, 2011, , 407-421.	1.3	0
130	Intra-annual time dynamical patterns of fire sequences observed in Patagonia (Argentina). Ecological Modelling, 2010, 221, 94-97.	2.5	1
131	Analysis of time-scaling properties in forest-fire sequence observed in Italy. Ecological Modelling, 2010, 221, 90-93.	2.5	17
132	Archaeo-geophysical methods in the Templo del Escalonado, Cahuachi, Nasca (Peru). Near Surface Geophysics, 2010, 8, 433-439.	1.2	18
133	On the LiDAR contribution for the archaeological and geomorphological study of a deserted medieval village in Southern Italy. Journal of Geophysics and Engineering, 2010, 7, 155-163.	1.4	40
134	Facing the Archaeological Looting in Peru by Using Very High Resolution Satellite Imagery and Local Spatial Autocorrelation Statistics. Lecture Notes in Computer Science, 2010, , 254-261.	1.3	8
135	On the Estimation of Fire Severity Using Satellite ASTER Data and Spatial Autocorrelation Statistics. Lecture Notes in Computer Science, 2010, , 361-373.	1.3	2
136	A multiscale approach for reconstructing archaeological landscapes: Applications in Northern Apulia (Italy). Archaeological Prospection, 2009, 16, 143-153.	2.2	46
137	Full-waveform Airborne Laser Scanning for the detection of medieval archaeological microtopographic relief. Journal of Cultural Heritage, 2009, 10, e78-e82.	3.3	36
138	Addressing the challenge of detecting archaeological adobe structures in Southern Peru using QuickBird imagery. Journal of Cultural Heritage, 2009, 10, e3-e9.	3.3	27
139	Urban Pattern Morphology Time Variation in Southern Italy by Using Landsat Imagery. Studies in Computational Intelligence, 2009, , 209-222.	0.9	3
140	An Integrated Methodology for Medieval Landscape Reconstruction: The Case Study of Monte Serico. Lecture Notes in Computer Science, 2009, , 328-340.	1.3	2
141	Investigating fire-induced behavioural trends in vegetation covers. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 2018-2023.	3.3	4
142	Scan statistics analysis of forest fire clusters. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 1689-1694.	3.3	41
143	Emergence of spatio-temporal patterns in forest-fire sequences. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3271-3280.	2.6	7
144	Intra-annual dynamical persistent mechanisms in mediterranean ecosystems revealed SPOT-VEGETATION time series. Ecological Complexity, 2008, 5, 151-156.	2.9	19

#	ARTICLE	IF	CITATIONS
145	Scaling and correlations in the dynamics of forest-fire occurrence. <i>Physical Review E</i> , 2008, 77, 016101.	2.1	41
146	Satellite-based enhancement of archaeological marks through data fusion techniques. <i>Proceedings of SPIE</i> , 2008, , .	0.8	2
147	Integrated and multiscale NDT for the study of architectural heritage. , 2008, , .		1
148	Fuel type characterization based on coarse resolution MODIS satellite data. <i>IForest</i> , 2008, 1, 60-64.	1.4	6
149	Temporal Variation of Urban Pattern Morphology in Southern Italy Explored by Using Landsat Data. <i>Lecture Notes in Computer Science</i> , 2008, , 405-414.	1.3	0
150	Dynamic Fire Danger Mapping from Satellite Imagery and Meteorological Forecast Data. <i>Earth Interactions</i> , 2007, 11, 1-17.	1.5	18
151	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.	1.4	7
152	SPOT-VGT time series based estimation of fire-induced variability in vegetation covers. , 2007, , .		0
153	Performance evaluation of data fusion techniques for archaeological prospection based on satellite data. <i>Proceedings of SPIE</i> , 2007, , .	0.8	1
154	Mapping forest fuel types by using satellite ASTER data and neural nets. <i>Proceedings of SPIE</i> , 2007, , .	0.8	3
155	Detection of archaeological crop marks by using satellite QuickBird multispectral imagery. <i>Journal of Archaeological Science</i> , 2007, 34, 214-221.	2.4	183
156	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.	2.8	43
157	Stability of surface reflectance scaling properties explored by using SPOTâ€VGT data. <i>International Journal of Remote Sensing</i> , 2007, 28, 5633-5640.	2.9	0
158	Spaceâ€time fractal properties of the forest-fire series in central Italy. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2007, 12, 1326-1333.	3.3	14
159	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.	3.3	47
160	Identifying spatial clustering properties of the 1997â€2003 Liguria (Northern Italy) forest-fire sequence. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 1364-1370.	5.1	5
161	Identifying spatial clustering phenomena in forest-fire sequences. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 376, 596-600.	2.6	8
162	On the capability of satellite VHR QuickBird data for fuel type characterization in fragmented landscape. <i>Ecological Modelling</i> , 2007, 204, 79-84.	2.5	35

#	ARTICLE	IF	CITATIONS
163	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.	1.5	15
164	Fire-induced variability in satellite SPOT-VEGT NDVI vegetational data. <i>International Journal of Remote Sensing</i> , 2006, 27, 3087-3095.	2.9	8
165	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.	3.1	71
166	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.	3.1	14
167	Pre- and post-fire behavioral trends revealed in satellite NDVI time series. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	37
168	On the potential of QuickBird data for archaeological prospection. <i>International Journal of Remote Sensing</i> , 2006, 27, 3607-3614.	2.9	35
169	Decadal variability in multitemporal satellite SPOT-VEGETATION NDII data. <i>International Journal of Remote Sensing</i> , 2006, 27, 4685-4692.	2.9	1
170	Remote characterization of fuel types using multi- and hyper-spectral data. , 2006, , .		0
171	Archaeological prospection based on satellite QuickBird imagery. , 2006, , .		0
172	Emergence of temporal regimes in fire sequences. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 360, 543-547.	2.6	12
173	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.	2.6	24
174	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.	11.0	43
175	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.	2.6	12
176	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.	2.5	89
177	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.	2.5	59
178	Discrimination of Vegetational Patterns in Burned and Unburned Areas. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2006, 7, .	1.0	1
179	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.	2.9	19
180	Satellite-based recognition of landscape archaeological features related to ancient human transformation. <i>Journal of Geophysics and Engineering</i> , 2006, 3, 230-235.	1.4	28

#	ARTICLE	IF	CITATIONS
181	Time-clustering analysis of forest-fire sequences in southern Italy. <i>Chaos, Solitons and Fractals</i> , 2005, 24, 139-149.	5.1	26
182	Time-scaling properties in forest-fire sequences observed in Gargano area (southern Italy). <i>Ecological Modelling</i> , 2005, 185, 531-544.	2.5	55
183	DISCRIMINATING FLUCTUATION DYNAMICS IN BURNED AND UNBURNED VEGETATIONAL COVERS. <i>Fluctuation and Noise Letters</i> , 2005, 05, L479-L487.	1.5	0
184	Inter-comparison of AVHRR-based fire susceptibility indicators for the Mediterranean ecosystems of southern Italy. <i>International Journal of Remote Sensing</i> , 2005, 26, 853-870.	2.9	31
185	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.	4.0	29
186	Discriminating dynamical patterns in burned and unburned vegetational covers by using SPOT-VGT NDVI data. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	28
187	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
188	Performance evaluation of AVHRR-based methods for the estimation of fire susceptibility in southern Italy. , 2004, , .		0
189	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
190	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, .	4.0	39
191	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.	2.9	44
192	<title>Pollino Project Action D: a multiscale approach in the space-time domain to environmental risk monitoring</title>. , 2002, , .		4
193	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
194	Evaluation of a new satellite-based method for forest fire detection. <i>International Journal of Remote Sensing</i> , 2001, 22, 1799-1826.	2.9	68
195	Forest fire danger estimation based on the integration of satellite AVHRR data and topographic factors. , 1999, 3868, 241.		5
196	Fire detection by AVHRR: toward a new approach for operational monitoring. , 1998, , .		4
197	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
198	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

#	ARTICLE	IF	CITATIONS
199	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