Diofantos Glafkou Hadjimitsis

List of Publications by Year
in descending order

245 papers	3,794 citations	126708 33 h-index	174990 52 g-index
256 all docs	256 docs citations	256 times ranked	3570 citing authors

#	Article	IF	Citations
1	Grape Leaf Diseases Identification System Using Convolutional Neural Networks and LoRa Technology. IEEE Access, 2022, 10, 122-133.	2.6	13
2	Evaluation of Satellite-Derived Bathymetry from High and Medium-Resolution Sensors Using Empirical Methods. Remote Sensing, 2022, 14, 772.	1.8	15
3	Space-Based Displacement Monitoring of Coastal Urban Areas: The Case of Limassolâ€™s Coastal Front. Remote Sensing, 2022, 14, 914.	1.8	2
4	Digital camera calibration for cultural heritage documentation: the case study of a mass digitization project of religious monuments in Cyprus. European Journal of Remote Sensing, 2021, 54, 6-17.	1.7	1
5	Effects of Aerosols and Clouds on the Levels of Surface Solar Radiation and Solar Energy in Cyprus. Remote Sensing, 2021, 13, 2319.	1.8	17
6	Influence of Spatial Resolution for Vegetation Indicesâ€™ Extraction Using Visible Bands from Unmanned Aerial Vehiclesâ€™ Orthomosaics Datasets. Remote Sensing, 2021, 13, 3238.	1.8	6
7	Establishing an Integrated Permanent Sea-Level Monitoring Infrastructure towards the Implementation of Maritime Spatial Planning in Cyprus. Journal of Marine Science and Engineering, 2020, 8, 861.	1.2	4
8	Advances in Understanding and Managing Catastrophic Ecosystem Shifts in Mediterranean Ecosystems. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	8
9	Investigating Detection of Floating Plastic Litter from Space Using Sentinel-2 Imagery. Remote Sensing, 2020, 12, 2648.	1.8	83
10	The Use of Colorimeters to Support Remote Sensing Techniques on Asphalt Pavements. Remote Sensing, 2020, 12, 3911.	1.8	0
11	Earth Observation Contribution to Cultural Heritage Disaster Risk Management: Case Study of Eastern Mediterranean Open Air Archaeological Monuments and Sites. Remote Sensing, 2020, 12, 1330.	1.8	28
12	Detecting Underground Military Structures Using Field Spectroscopy. , 2020, , .		0
13	Small Scale Landslide Detection Using Sentinel-1 Interferometric SAR Coherence. Remote Sensing, 2020, 12, 1560.	1.8	33
14	A Study of the Interaction of Human Smart Characteristics with Demographic Dynamics and Built Environment: The Case of Limassol, Cyprus. Smart Cities, 2020, 3, 48-73.	5.5	5
15	A European-Scale Investigation of Soil Erosion Threat to Subsurface Archaeological Remains. Remote Sensing, 2020, 12, 675.	1.8	10
16	Differential SAR Interferometry Using Sentinel-1 Imagery-Limitations in Monitoring Fast Moving Landslides: The Case Study of Cyprus. Geosciences (Switzerland), 2020, 10, 236.	1.0	10
17	Effects of pre-treatment using waste quarry dust on the adherence of recycled tyre rubber particles to cementitious paste in rubberised concrete. Construction and Building Materials, 2020, 254, 119325.	3.2	20
18	The ERATOSTHENES Centre of Excellence (ECoE) as a digital innovation hub for Earth observation. , 2020, , .		1

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19	The use of remote sensing for maritime surveillance for security and safety in Cyprus. , 2020, , .		5
20	Detecting Dead Standing Eucalypt Trees from Voxelised Full-Waveform Lidar Using Multi-Scale 3D-Windows for Tackling Height and Size Variations. Forests, 2020, 11, 161.	0.9	6
21	Excelsior: Earth observation opportunities for excellence in the Emmena Region. , 2020, , .		0
22	Detection Underground Structures in Cyprus Using Landsat-8 Bands. , 2020, , .		1
23	Using simple ratio (SR) vegetation index to detect deep man-made infrastructures in Cyprus. , 2020, , .		4
24	Detecting underground structures in vegetation indices time series using histograms. , 2020, , .		0
25	Exploring the importance for promoting Earth observation in education. , 2020, , .		1
26	Field spectroscopy for the detection of underground military structures. European Journal of Remote Sensing, 2019, 52, 385-399.	1.7	4
27	The Use of Sentinel-1 Synthetic Aperture Radar (SAR) Images and Open-Source Software for Cultural Heritage: An Example from Paphos Area in Cyprus for Mapping Landscape Changes after a 5.6 Magnitude Earthquake. Remote Sensing, 2019, 11, 1766.	1.8	29
28	Potential of Virtual Earth Observation Constellations in Archaeological Research. Sensors, 2019, 19, 4066.	2.1	19
29	The Use of Field Spectroscopy for the Implementation of Vegetation Indices for the Satellite Remote Sensing Detection of Underground Military Structures in Cyprus. , 2019, , .		1
30	The use of UAVs and photogrammetry for the documentation of cultural heritage monuments: the case study of the churches in Cyprus. , 2019, , .		6
31	Open source software DASOS: efficient accumulation, analysis, and visualisation of full-waveform lidar. , 2019, , .		4
32	Combined use of remote sensing data and geographic information system techniques for detecting underground structures for defense and security applications in Cyprus. , 2019, , .		0
33	Evaluating ten spectral vegetation indices for the identification of military underground structures. , 2019, , .		0
34	Comparison of classification algorithms on optical satellite imagery for mapping posidonia oceanica meadows: the case study of Limassol, Cyprus. , 2019, , .		0
35	Assessment of the existing multi-hazard methods: intended for monitoring natural threats on archaeological sites. , 2019, , .		0
36	The use of satellite remote sensing and UAV for the mapping of coastal areas for the use of marine spatial planning. , 2019, , .		4

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37	The GLAM Airborne Campaign across the Mediterranean Basin. Bulletin of the American Meteorological Society, 2018, 99, 361-380.	1.7	15
38	Reviews and perspectives of high impact atmospheric processes in the Mediterranean. Atmospheric Research, 2018, 208, 4-44.	1.8	85
39	Integrated Investigation of Built Heritage Monuments: The Case Study of Paphos Harbour Castle, Cyprus. Heritage, 2018, 1, 1-14.	0.9	4
40	Development and Implementation of a DECATASTROPHIZE platform and tool for the management of disasters or multiple hazards. International Journal of Disaster Risk Reduction, 2018, 31, 589-601.	1.8	25
41	How does land management contribute to the resilience of Mediterranean forests and rangelands? A participatory assessment. Land Degradation and Development, 2018, 29, 3721-3735.	1.8	10
42	Detecting underground structures in Cyprus using field spectroscopy. , 2018, , .		3
43	Detection of Military Underground Structures through the Remote Sensing Investigation of Phenological Cycle of Crops. Advances in Remote Sensing, 2018, 07, 235-244.	0.2	5
44	From Space to Ground. Digital Techniques for the Investigation of Monuments and Sites. , 2018, , 601-608.		1
45	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. Lecture Notes in Computer Science, 2018, , 639-647.	1.0	0
46	Thermal remote sensing approach combined with field spectroscopy for detecting underground structures intended for defence and security purposes in Cyprus. , 2018, , .		0
47	Detection of marine fronts: a comparison between different approaches applied on the SST product derived from Sentinel-3 data. , 2018, , .		3
48	Remote sensing archaeology knowledge transfer: examples from the ATHENA twinning project. , 2018, , .		1
49	Remote sensing based indices for drought assessment in the east mediterranean region. , 2018, , .		1
50	The innovative documentation of cultural heritage using H-BIM: case study of Asinou church. , 2018, , .		2
51	Copernicus Sentinel opportunities using field spectroscopy to support deep man-made infrastructures in Cyprus. , 2018, , .		0
52	Remote sensing archaeology knowledge transfer: examples from the ATHENA Twinning project. , 2018, , .		0
53	Using field spectroscopy combined with synthetic aperture radar (SAR) technique for detecting underground structures for defense and security applications in Cyprus. , 2017, , .		1
54	Space technology meets policy: An overview of Earth Observation sensors for monitoring of cultural landscapes within policy framework for Cultural Heritage. Journal of Archaeological Science: Reports, 2017, 14, 727-733.	0.2	14

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55	The Cyprus coastal heritage landscapes within Marine Spatial Planning process. Journal of Cultural Heritage, 2017, 23, 28-36.	1.5	10
56	Towards a spectral library of Roman to Early Christian Cypriot floor mosaics. Journal of Archaeological Science: Reports, 2017, 14, 782-791.	0.2	2
57	Fusion of Satellite Multispectral Images Based on Ground-Penetrating Radar (GPR) Data for the Investigation of Buried Concealed Archaeological Remains. Geosciences (Switzerland), 2017, 7, 40.	1.0	25
58	Using SEBAL to Investigate How Variations in Climate Impact on Crop Evapotranspiration. Journal of Imaging, 2017, 3, 30.	1.7	7
59	Optical Remote Sensing Potentials for Looting Detection. Geosciences (Switzerland), 2017, 7, 98.	1.0	42
60	Measuring the environmental awareness of young farmers. , 2017, , .		2
61	USE OF A GEOSPATIAL EARLY-WARNING DECISION SUPPORT SYSTEM TO PREPARE FOR DISASTERS OR PLAN FOR MULTIPLE HAZARDS: DECATASTROPHIZE. WIT Transactions on the Built Environment, 2017, , .	0.0	0
62	Ten years research activities in Earth observation at the Cyprus University of Technology. , 2017, , .		0
63	Strategic positioning of the ERATOSTHENES Research Centre for atmospheric remote sensing research in the Eastern Mediterranean and Middle East region. , 2017, , .		1
64	ERATOSTHENES: excellence research Centre for Earth surveillance and space-based monitoring of the environment, the EXCELSIOR Horizon 2020 teaming project. , 2017, , .		1
65	Detection of underground structures using UAV and field spectroscopy for defence and security in Cyprus. , 2017, , .		0
66	Study of the Variations of Archaeological Marks at Neolithic Site of Lucera, Italy Using High-Resolution Multispectral Datasets. Remote Sensing, 2016, 8, 723.	1.8	48
67	Digital mapping of corrosion risk in coastal urban areas using remote sensing and structural condition assessment: case study in cyprus. Open Geosciences, 2016, 8, .	0.6	6
68	Validation of satellite data through the remote sensing techniques and the inclusion of them into agricultural education pilot programs. Proceedings of SPIE, 2016, , .	0.8	0
69	Maritime Spatial Planning in Cyprus. Open Geosciences, 2016, 8, .	0.6	8
70	Integrated use of field spectroscopy and satellite remote sensing for defence and security applications in Cyprus. Proceedings of SPIE, 2016, , .	0.8	5
71	Colour to Greyscale Pixels: Reâ€seeing Greyscale Archived Aerial Photographs and Declassified Satellite CORONA Images Based on Image Fusion Techniques. Archaeological Prospection, 2016, 23, 231-241.	1.1	12
72	Integrated use of field spectroscopy and satellite remote sensing for defence and security applications in Cyprus. Proceedings of SPIE, 2016, , .	0.8	4

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73	Satellite remote sensing and GIS-based multi-criteria analysis for flood hazard mapping. Natural Hazards, 2016, 83, 31-51.	1.6	46
74	The combined use of Building Information Modelling (BIM) and Unmanned Aerial Vehicle (UAV) technologies for the 3D illustration of the progress of works in infrastructure construction projects. Proceedings of SPIE, 2016, , .	0.8	6
75	Smart city planning from a bottom-up approach: local communities' intervention for a smarter urban environment. Proceedings of SPIE, 2016, , .	0.8	5
76	Earth observation technologies in service to the cultural landscape of Cyprus: risk identification and assessment. Proceedings of SPIE, 2016, , .	0.8	4
77	Importance of using field spectroscopy to support the satellite remote sensing for underground structures intended for security reasons in the eastern Mediterranean region. , 2016, , .		4
78	Detection of asphalt pavement cracks using remote sensing techniques. Proceedings of SPIE, 2016, , .	0.8	2
79	Extreme dust storm over the eastern Mediterranean in September 2015: satellite, lidar, and surface observations in the Cyprus region. Atmospheric Chemistry and Physics, 2016, 16, 13711-13724.	1.9	56
80	Risk provision using field spectroscopy to identify spectral regions for the detection of defects in flexible pavements. Natural Hazards, 2016, 83, 83-96.	1.6	6
81	Water leakage detection using remote sensing, field spectroscopy and GIS in semiarid areas of Cyprus. Urban Water Journal, 2016, 13, 221-231.	1.0	22
82	Risk assessment of cultural heritage sites clusters using satellite imagery and GIS: the case study of Paphos District, Cyprus. Natural Hazards, 2016, 83, 5-20.	1.6	45
83	Spatial variability of fine and coarse particle composition and sources in Cyprus. Atmospheric Research, 2016, 169, 255-270.	1.8	40
84	The Protection of Cultural Heritage Sites from Geo-Hazards: The PROTHEGO Project. Lecture Notes in Computer Science, 2016, , 91-98.	1.0	11
85	Experiencing Cultural Heritage Sites Using 3D Modeling for the Visually Impaired. Lecture Notes in Computer Science, 2016, , 171-177.	1.0	11
86	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
87	Extraction of Archaeological Information Using High Resolution FormoSAT-2 Data. International Journal of Heritage in the Digital Era, 2015, 4, 241-255.	0.5	1
88	Middle East versus Saharan dust extinction-to-backscatter ratios. Atmospheric Chemistry and Physics, 2015, 15, 7071-7084.	1.9	70
89	EARLINET: potential operationality of a research network. Atmospheric Measurement Techniques, 2015, 8, 4587-4613.	1.2	39
90	Marine spatial planning in Cyprus. Proceedings of SPIE, 2015, , .	0.8	2

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91	Impact of urban sprawl to cultural heritage monuments: The case study of Paphos area in Cyprus. Journal of Cultural Heritage, 2015, 16, 671-680.	1.5	63
92	Linear 3-D transformations of Landsat 5 TM satellite images for the enhancement of archaeological signatures during the phenological cycle of crops. International Journal of Remote Sensing, 2015, 36, 20-35.	1.3	10
93	Low-level mixing height detection in coastal locations with a scanning Doppler lidar. Atmospheric Measurement Techniques, 2015, 8, 1875-1885.	1.2	50
94	Building Information Modelling (BIM) and Unmanned Aerial Vehicle (UAV) technologies in infrastructure construction project management and delay and disruption analysis. Proceedings of SPIE, 2015, , .	0.8	14
95	Monitoring asphalt pavement damages using remote sensing techniques. Proceedings of SPIE, 2015, , .	0.8	6
96	Cultural heritage management and monitoring using remote sensing data and GIS: The case study of Paphos area, Cyprus. Computers, Environment and Urban Systems, 2015, 54, 230-239.	3.3	121
97	Evaluating the Potentials of Sentinel-2 for Archaeological Perspective. Remote Sensing, 2014, 6, 2176-2194.	1.8	68
98	Introduction â€" The problem of Water Leakages. , 2014, , .		3
99	GIS and remote sensing techniques for the assessment of land use change impact on flood hydrology: the case study of Yialias basin in Cyprus. Natural Hazards and Earth System Sciences, 2014, 14, 413-426.	1.5	75
100	Satellite-derived land use changes along the Xinâ€™an River watershed for supporting water quality investigation for potential fishing grounds in Qiandao Lake, China. , 2014, , .		2
101	Whatâ€™s next in remote sensing archaeology? Use of field spectroscopy to design a new space sensor. , 2014, , .		2
102	Use of remote sensing and UAV for the management of degraded ecosystems: the case study of overgrazing in Randi Forest, Cyprus. Proceedings of SPIE, 2014, , .	0.8	2
103	The use of GIS for supporting the experimental representation of the selected supply network in the Pafos municipality: the HydroGIS Lab. Proceedings of SPIE, 2014, , .	0.8	0
104	Damage assessment using advanced non-intrusive inspection methods: integration of space, UAV, GPR, and field spectroscopy. Proceedings of SPIE, 2014, , .	0.8	11
105	New toolbox in ArcGIS for the reconstruction of missing satellite data using DINEOF algorithm: a case study of reconstruction of Chlorophyll-a gaps over the Mediterranean Sea. , 2014, , .		0
106	Relationship between MODIS based Aerosol Optical Depth and PM10 over Croatia. Open Geosciences, 2014, 6, .	0.6	15
107	Integrated use of GIS and remote sensing for monitoring landslides in transportation pavements: the case study of Paphos area in Cyprus. Natural Hazards, 2014, 72, 119-141.	1.6	41
108	Filling in missing sea-surface temperature satellite data over the Eastern Mediterranean Sea using the DINEOF algorithm. Open Geosciences, 2014, 6, .	0.6	6

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109	Trophic State Index derivation through the remote sensing of Case-2 water bodies in the Mediterranean region. Open Geosciences, 2014, 6, .	0.6	8
110	Advances in remote sensing and geo-information for the environment. Open Geosciences, 2014, 6, 1.	0.6	1
111	Defining the Landsat TM/ETM+ and CHRIS/PROBA spectral regions in which turbidity can be retrieved in inland waterbodies using field spectroscopy. International Journal of Remote Sensing, 2014, 35, 1674-1692.	1.3	33
112	Spectral sensitivity of ALOS, ASTER, IKONOS, LANDSAT and SPOT satellite imagery intended for the detection of archaeological crop marks. International Journal of Digital Earth, 2014, 7, 351-372.	1.6	59
113	An image based method for crop yield prediction using remotely sensed and crop canopy data: the case of Paphos district, western Cyprus. Proceedings of SPIE, 2014, , .	0.8	1
114	Injection of mineral dust into the free troposphere during fire events observed with polarization lidar at Limassol, Cyprus. Atmospheric Chemistry and Physics, 2014, 14, 12155-12165.	1.9	63
115	Evaluation of sustainability indices and indicators in the Paphos district area in Cyprus. , 2014, , .		0
116	Monitoring water quality parameters for Case II waters in Cyprus using satellite data. Proceedings of SPIE, 2014, , .	0.8	1
117	Effects of tourism and globalization on land cover and the influence on the quality of life of Paphos area in Cyprus. , 2014, , .		0
118	Comparative analysis of property taxation policies within Greece and Cyprus evaluating the use of GIS, CAMA, and remote sensing techniques. , 2014, , .		1
119	Front Matter: Volume 9229. , 2014, , .		0
120	Development of a geographical information system for risk mapping of reinforced concrete buildings subjected to atmospheric corrosion in Cyprus using optical remote sensing data. , 2014, , .		0
121	Hazard analysis of active tectonics through geomorphometric parameters to cultural heritage conservation: the case of Paphos in Cyprus. , 2014, , .		0
122	Sustainable transport planning using GIS and remote sensing: an integrated approach. Proceedings of SPIE, 2014, , .	0.8	0
123	Establishing a method for estimating crop water requirements using the SEBAL method in Cyprus. Proceedings of SPIE, 2014, , .	0.8	0
124	Image based remote sensing method for modeling black-eyed beans (Vigna unguiculata) Leaf Area Index (LAI) and Crop Height (CH) over Cyprus. Open Geosciences, 2013, 5, 1-11.	0.6	8
125	A Comparison of a Hydrological and an Energy Balance Model for Estimating Evapotranspiration of Chickpeas at Paphos (SW Cyprus) Agricultural Area. Springer Atmospheric Sciences, 2013, , 247-252.	0.4	0
126	Application of SEBAL methodology for estimating and disseminating through third generation mobile phones crop water requirements in Cyprus. , 2013, , .		0

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127	Integrated use of remote sensing, GIS and precipitation data for the assessment of soil erosion rate in the catchment area of "Yialias" in Cyprus. Atmospheric Research, 2013, 131, 108-124.	1.8	166
128	Use of satellite derived vegetation indices for the detection of water pipeline leakages in semiarid areas. , 2013, , .		2
129	Development of an image based integrated method for determining and mapping aerosol optical thickness (AOT) over urban areas using the darkest pixel atmospheric correction method, RT equation and GIS: A case study of the Limassol area in Cyprus. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 86, 1-10.	4.9	8
130	Optimum temporal and spectral window for monitoring crop marks over archaeological remains in the Mediterranean region. Journal of Archaeological Science, 2013, 40, 1479-1492.	1.2	68
131	Precipitation effects on the selection of suitable non-variant targets intended for atmospheric correction of satellite remotely sensed imagery. Atmospheric Research, 2013, 131, 73-80.	1.8	13
132	Integration of geophysical surveys, ground hyperspectral measurements, aerial and satellite imagery for archaeological prospection of prehistoric sites: the case study of Vésztő-Mágor Tell, Hungary. Journal of Archaeological Science, 2013, 40, 1454-1470.	1.2	72
133	A Modified SEBAL Modeling Approach for Estimating Crop Evapotranspiration in Semi-arid Conditions. Water Resources Management, 2013, 27, 3493-3506.	1.9	34
134	Exploring natural and anthropogenic risk for cultural heritage in Cyprus using remote sensing and GIS. International Journal of Digital Earth, 2013, 6, 115-142.	1.6	62
135	Low Arabian dust extinction-to-backscatter ratio. Geophysical Research Letters, 2013, 40, 4762-4766.	1.5	95
136	Integrated method for tracking changes in archeolandscapes using remote and close-range technologies: Monitoring of change and risk assessment methodologies. , 2013, , .		5
137	Using ERS-2 and ALOS PALSAR images for soil moisture and inundation mapping in Cyprus. Proceedings of SPIE, 2013, , .	0.8	1
138	Applying DINEOF algorithm on cloudy sea-surface temperature satellite data over the eastern Mediterranean Sea. Proceedings of SPIE, 2013, , .	0.8	0
139	Using spatio-temporal Markov model for flood mapping: the case study of Yialias River in Cyprus. Proceedings of SPIE, 2013, , .	0.8	0
140	Combination of ground-based and satellite remote sensing measurements over Limassol. , 2013, , .		0
141	Development of an image-based method for the detection of archaeological buried relics using multi-temporal satellite imagery. International Journal of Remote Sensing, 2013, 34, 5979-5996.	1.3	17
142	Application of GIS and Remote Sensing Techniques for Flood Risk Assessment in Cyprus. Springer Atmospheric Sciences, 2013, , 3-8.	0.4	1
143	Use of GIS for the development of digital structural integrity maps of high risk areas in Cyprus due to corrosion of steel reinforcement. Proceedings of SPIE, 2013, , .	0.8	1
144	The spectral signature analysis of inland and coastal water bodies acquired from field spectroradiometric measurements. , 2013, , .		1

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145	A simple method to detect land changes sourcing from overgrazing using remote sensing. , 2013, , .		0
146	Complex vertical layering and mixing of aerosols over the eastern Mediterranean: active and passive remote sensing at the Cyprus University of Technology. Proceedings of SPIE, 2013, , .	0.8	1
147	Geo-radar scanning and GIS mapping of an old water utility network in Paphos district area in Cyprus under the project: 'Upgrade of the hydraulics laboratory for the modeling of water supply networks and design and operation optimization study'. , 2013, , .		1
148	Particulate monitoring, modeling, and management: natural sources, long-range transport, and emission control options: a case study of Cyprus. , 2013, , .		1
149	The use of remote sensing and spectroscopy to identify precipitation in volcanic sand targets: a case study of Limassol, Cyprus. Proceedings of SPIE, 2013, , .	0.8	0
150	Image based analysis for assessing coastal water quality temporal and spatial variations in Limassol Harbor area in Cyprus. Proceedings of SPIE, 2013, , .	0.8	0
151	Mapping air pollution using Earth observation techniques for cultural heritage sites. , 2013, , .		3
152	Variations of spectral signature profiles of wet and dry targets for supporting the detection of water-leakages using satellite data. , 2013, , .		2
153	A simple method to estimate vegetation indices and crop canopy factors using field spectroscopy for solanum tuberosum during the whole phenological cycle. , 2013, , .		0
154	Prospects and limitations of vegetation indices in archeological research: the Neolithic Thessaly case study. Proceedings of SPIE, 2013, , .	0.8	2
155	Front Matter: Volume 8795. , 2013, , .		0
156	Orthogonal Equations of Multi-Spectral Satellite Imagery for the Identification of Un-Excavated Archaeological Sites. Remote Sensing, 2013, 5, 6560-6586.	1.8	46
157	Connection of Heat Events in Cyprus with Synoptic Upper Air Patterns. Springer Atmospheric Sciences, 2013, , 787-792.	0.4	2
158	Study of Air Pollution with the Use of MODIS Data, LIDAR and Sun Photometers in Cyprus. Springer Atmospheric Sciences, 2013, , 1133-1139.	0.4	1
159	Estimating Flash Flood Discharge in a Catchment Area with the Use of Hydraulic Model and Terrestrial Laser Scanner. Springer Atmospheric Sciences, 2013, , 9-14.	0.4	2
160	Study of the August 2010 Heat Event in Cyprus. Springer Atmospheric Sciences, 2013, , 265-270.	0.4	0
161	Field Spectroscopy Measurements over Asprokremmos Dam in Cyprus Intended for Water Quality Monitoring. Key Engineering Materials, 2012, 500, 813-819.	0.4	1
162	The development of air quality indices through image-retrieved AOT and PM10 measurements in Limassol Cyprus. , 2012, , .		4

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163	Development of a new image based atmospheric correction algorithm for aerosol optical thickness retrieval using the darkest pixel method. Journal of Applied Remote Sensing, 2012, 6, 063538.	0.6	10
164	The identification of pseudo-invariant targets using ground field spectroscopy measurements intended for the removal of atmospheric effects from satellite imagery: a case study of the Limassol area in Cyprus. International Journal of Remote Sensing, 2012, 33, 7240-7256.	1.3	8
165	Examining the Phenological Cycle of Barley (<i>Hordeum vulgare</i>) Using Satellite and<i>in situ</i>Spectroradiometer Measurements for the Detection of Buried Archaeological Remains. GIScience and Remote Sensing, 2012, 49, 854-872.	2.4	26
166	Monitoring urban land cover using satellite remote sensing techniques and field spectroradiometric measurements: case study of â€œYialiasâ€•catchment area in Cyprus. Journal of Applied Remote Sensing, 2012, 6, 063603.	0.6	10
167	The use of volcanic beach sand as a pseudo-invariant target for atmospheric correction using Landsat images. Proceedings of SPIE, 2012, , .	0.8	0
168	Development of a low altitude airborne remote sensing system for supporting the processing of satellite remotely sensed data intended for archaeological investigations. Proceedings of SPIE, 2012, , .	0.8	3
169	Flood mapping of Yialias River catchment area in Cyprus using ALOS PALSAR radar images. , 2012, , .		1
170	Remote Sensing Applications for Planning Irrigation Management. The Use of SEBAL Methodology for Estimating Crop Evapotranspiration in Cyprus. Environmental and Climate Technologies, 2012, 9, 17-21.	0.2	2
171	The comparison of the darkest pixel and empirical line atmospheric correction methods to retrieve aerosol optical thickness using the radiative transfer equations. , 2012, , .		0
172	Long Term Monitoring of Air Pollution on Monuments and Cultural Heritage Sites in Cyprus Using Satellite Remote Sensing. International Journal of Heritage in the Digital Era, 2012, 1, 145-167.	0.5	4
173	Observatory validation of Neolithic tells (â€œMagoulesâ€•) in the Thessalian plain, central Greece, using hyperspectral spectroradiometric data. Journal of Archaeological Science, 2012, 39, 1499-1512.	1.2	26
174	Development of a Low Altitude Airborne Imaging System for Supporting Remote Sensing and Photogrammetric Applications â€˜The ICAROS Projectâ€™ Intended for Archaeological Applications in Cyprus. Lecture Notes in Computer Science, 2012, , 494-504.	1.0	1
175	Evaluation of Broadband and Narrowband Vegetation Indices for the Identification of Archaeological Crop Marks. Remote Sensing, 2012, 4, 3892-3919.	1.8	107
176	Optimizing statistical classification accuracy of satellite remotely sensed imagery for supporting fast flood hydrological analysis. Acta Geophysica, 2012, 60, 959-984.	1.0	23
177	Towards an Archaeological Index: Identification of the Spectral Regions of Stress Vegetation due to Buried Archaeological Remains. Lecture Notes in Computer Science, 2012, , 129-138.	1.0	7
178	Field Spectroscopy for Assisting Water Quality Monitoring and Assessment in Water Treatment Reservoirs Using Atmospheric Corrected Satellite Remotely Sensed Imagery. Remote Sensing, 2011, 3, 362-377.	1.8	17
179	The Importance of Accounting for Atmospheric Effects in the Application of NDVI and Interpretation of Satellite Imagery Supporting Archaeological Research: The Case Studies of Palaepaphos and Nea Paphos Sites in Cyprus. Remote Sensing, 2011, 3, 2605-2629.	1.8	69
180	Proportioning of Steel Fibre Reinforced Concrete Mixes for Pavement Construction and Their Impact on Environment and Cost. Sustainability, 2011, 3, 965-983.	1.6	60

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181	Monitoring urban land cover with the use of satellite remote sensing techniques as a means of flood risk assessment in Cyprus. Proceedings of SPIE, 2011, , .	0.8	1
182	Characterizing the spectral signatures and optical properties of dams in Cyprus using field spectroradiometric measurements. , 2011, , .		4
183	Use of Field Spectroscopy for Exploring the Impact of Atmospheric Effects on Landsat 5 TM/7 ETM+ Satellite Images Intended for Hydrological Purposes in Cyprus. GIScience and Remote Sensing, 2011, 48, 280-298.	2.4	9
184	Fast atmospheric correction algorithm based on the darkest pixel approach for retrieving the aerosol optical thickness: comparison with in-situ AOT measurements. Proceedings of SPIE, 2011, , .	0.8	2
185	Vegetation indices and field spectroradiometric measurements for validation of buried architectural remains: verification under area surveyed with geophysical campaigns. Journal of Applied Remote Sensing, 2011, 5, 053554.	0.6	47
186	Mapping potato crop height and leaf area index through vegetation indices using remote sensing in Cyprus. Journal of Applied Remote Sensing, 2011, 5, 053526.	0.6	31
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