

Kyriacos Themistocleous

List of Publications by Year in descending order

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107
papers

601
citations

840119

11
h-index

752256

20
g-index

112
all docs

112
docs citations

112
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating Detection of Floating Plastic Litter from Space Using Sentinel-2 Imagery. Remote Sensing, 2020, 12, 2648.	1.8	83
2	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
3	Spatial variability of fine and coarse particle composition and sources in Cyprus. Atmospheric Research, 2016, 169, 255-270.	1.8	40
4	Bathymetric maps from multi-temporal analysis of Sentinel-2 data: the case study of Limassol, Cyprus. Advances in Geosciences, 0, 45, 397-407.	12.0	30
5	Model reconstruction for 3d visualization of cultural heritage sites using open data from social media: The case study of Soli, Cyprus. Journal of Archaeological Science: Reports, 2017, 14, 774-781.	0.2	25
6	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
7	The Use of UAVs for Cultural Heritage and Archaeology. Springer Remote Sensing/photogrammetry, 2020, , 241-269.	0.4	18
8	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
9	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
10	Damage assessment using advanced non-intrusive inspection methods: integration of space, UAV, GPR, and field spectroscopy. Proceedings of SPIE, 2014, , .	0.8	11
11	The Protection of Cultural Heritage Sites from Geo-Hazards: The PROTHEGO Project. Lecture Notes in Computer Science, 2016, , 91-98.	1.0	11
12	Experiencing Cultural Heritage Sites Using 3D Modeling for the Visually Impaired. Lecture Notes in Computer Science, 2016, , 171-177.	1.0	11
13	Hyperspectral Ground Truth Data for the Detection of Buried Architectural Remains. Lecture Notes in Computer Science, 2010, , 318-331.	1.0	11
14	Monitoring urban land cover using satellite remote sensing techniques and field spectroradiometric measurements: case study of the Yialias catchment area in Cyprus. Journal of Applied Remote Sensing, 2012, 6, 063603.	0.6	10
15	Monitoring ground deformation of cultural heritage sites using UAVs and geodetic techniques: the case study of Choirokoitia, JPI PROTHEGO project. , 2017, , .		10
16	Monitoring ground deformation of cultural heritage sites using SAR and geodetic techniques: the case study of Choirokoitia, Cyprus. Applied Geomatics, 2021, 13, 37-49.	1.2	9
17	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
18	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

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19	Spectro-radiometric measurements of non-variant targets intended for the removal of atmospheric effects from satellite images: the case study of Lemesos area in Cyprus. Proceedings of SPIE, 2010, , .	0.8	7
20	The First Attend for a Holistic HBIM Documentation of UNESCO WHL Monument: The Case Study of Asinou Church in Cyprus. Lecture Notes in Computer Science, 2018, , 408-414.	1.0	7
21	Best practices for monitoring, mitigation, and preservation of cultural heritage sites affected by geo-hazards: the results of the PROTHEGO project. , 2018, , .		7
22	DEM modeling using RGB-based vegetation indices from UAV images. , 2019, , .		7
23	Monitoring asphalt pavement damages using remote sensing techniques. Proceedings of SPIE, 2015, , .	0.8	6
24	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
25	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
26	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
27	The use of UAVs and photogrammetry for the documentation of cultural heritage monuments: the case study of the churches in Cyprus. , 2019, , .		6
28	Integrated use of field spectroscopy and satellite remote sensing for defence and security applications in Cyprus. Proceedings of SPIE, 2016, , .	0.8	5
29	Monitoring cultural heritage sites affected by geohazards. , 2018, , .		5
30	The use of remote sensing for maritime surveillance for security and safety in Cyprus. , 2020, , .		5
31	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
32	The use of UAVs for monitoring land degradation. , 2017, , .		5
33	Assessment of the effectiveness of atmospheric correction methods using standard calibration targets, ground measurements and aster images. , 2009, , .		4
34	Smart monitoring of water quality in Asprokremmos Dam in Paphos, Cyprus using satellite remote sensing and wireless sensor platform. Proceedings of SPIE, 2010, , .	0.8	4
35	The study of atmospheric correction of satellite remotely sensed images intended for air pollution using sun-photometers (AERONET) and lidar system in Lemesos, Cyprus. , 2010, , .		4
36	The development of air quality indices through image-retrieved AOT and PM10 measurements in Limassol Cyprus. , 2012, , .		4

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37	Integrated use of field spectroscopy and satellite remote sensing for defence and security applications in Cyprus. Proceedings of SPIE, 2016, , .	0.8	4
38	Earth observation technologies in service to the cultural landscape of Cyprus: risk identification and assessment. Proceedings of SPIE, 2016, , .	0.8	4
39	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
40	Field spectroscopy for the detection of underground military structures. European Journal of Remote Sensing, 2019, 52, 385-399.	1.7	4
41	The use of satellite remote sensing and UAV for the mapping of coastal areas for the use of marine spatial planning. , 2019, , .		4
42	Integration of micro-sensor technology and remote sensing for monitoring coastal water quality in a municipal beach and other areas in Cyprus. , 2009, , .		3
43	Satellite remote sensing, GIS and sun-photometers for monitoring PM 10 in Cyprus: issues on public health. , 2010, , .		3
44	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
45	Mapping air pollution using Earth observation techniques for cultural heritage sites. , 2013, , .		3
46	Monitoring Cultural Heritage Sites Affected by Geo-Hazards Using In Situ and SAR Data: The Choroikoitia Case Study. Springer Remote Sensing/photogrammetry, 2020, , 285-308.	0.4	3
47	Investigating the past using remote sensing techniques. , 2021, , .		3
48	Detecting underground structures in Cyprus using field spectroscopy. , 2018, , .		3
49	Local monitoring techniques for cultural heritage sites affected by geo-hazards. , 2018, , .		3
50	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
51	Use of satellite derived vegetation indices for the detection of water pipeline leakages in semi-arid areas. , 2013, , .		2
52	Variations of spectral signature profiles of wet and dry targets for supporting the detection of water-leakages using satellite data. , 2013, , .		2
53	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
54	Marine spatial planning in Cyprus. Proceedings of SPIE, 2015, , .	0.8	2

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55	Detection of asphalt pavement cracks using remote sensing techniques. Proceedings of SPIE, 2016, , .	0.8	2
56	MetodologÃa contemporÃnea de Infraestructuras de GestiÃn de Proyectos, PrevenciÃn de controversias y AnÃlisis de Retrasos = Contemporary Methodology for Infrastructure Project Management, Dispute Avoidance and Delay. Anales De EdificaciÃn, 2016, 2, 12.	0.1	2
57	Digitization issues in documenting cultural heritage with drones: case study of Foinikas, Cyprus. , 2018, , .		2
58	The innovative documentation of cultural heritage using H-BIM: case study of Asinou church. , 2018, , .		2
59	Accuracy assessment of atmospheric correction algorithms using sun-photometers (AERONET), lidar system, and in situ spectroradiometers. , 2010, , .		1
60	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
61	Flood mapping of Yialias River catchment area in Cyprus using ALOS PALSAR radar images. , 2012, , .		1
62	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
63	Using ERS-2 and ALOS PALSAR images for soil moisture and inundation mapping in Cyprus. Proceedings of SPIE, 2013, , .	0.8	1
64	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
65	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
66	Particulate monitoring, modeling, and management: natural sources, long-range transport, and emission control options: a case study of Cyprus. , 2013, , .		1
67	Critical infrastructure monitoring using UAV imagery. , 2016, , .		1
68	Using field spectroscopy combined with synthetic aperture radar (SAR) technique for detecting underground structures for defense and security applications in Cyprus. , 2017, , .		1
69	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
70	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
71	Monitoring aquaculture fisheries using Sentinel -2 images by identifying plastic fishery rings. , 2021, , .		1
72	Methodology for locale-scale monitoring for the PROTHEGO project: the Choirokoitia case study. Proceedings of SPIE, 2016, , .	0.8	1

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73	The ERATOSTHENES Centre of Excellence (ECoE) as a digital innovation hub for Earth observation. , 2020, , .		1
74	The documentation of ecclesiastical cultural heritage sites in Cyprus. , 2020, , .		1
75	The use of open data from social media for the creation of 3D georeferenced modeling. , 2016, , .		1
76	Strategic positioning of the ERATOSTHENES Research Centre for atmospheric remote sensing research in the Eastern Mediterranean and Middle East region. , 2017, , .		1
77	ERATOSTHENES: excellence research Centre for Earth surveillance and space-based monitoring of the environment, the EXCELSIOR Horizon 2020 teaming project. , 2017, , .		1
78	Remote sensing archaeology knowledge transfer: examples from the ATHENA twinning project. , 2018, , .		1
79	Detecting underground structures in vegetation indices: MSR, RDVI, OSAVI, IRC, time series using histograms. , 2020, , .		1
80	Mashup tools for big data analysis in maritime surveillance. , 2020, , .		1
81	Exploring the importance for promoting Earth observation in education. , 2020, , .		1
82	Air pollution monitoring through the application of atmospheric correction for ASTER imagery. , 2009, , .		0
83	Classification of geological mapping features using satellite remote sensing and in-situ spectroradiometric measurements over Cyprus. Proceedings of SPIE, 2010, , .	0.8	0
84	The use of volcanic beach sand as a pseudo-invariant target for atmospheric correction using Landsat images. Proceedings of SPIE, 2012, , .	0.8	0
85	The comparison of the darkest pixel and empirical line atmospheric correction methods to retrieve aerosol optical thickness using the radiative transfer equations. , 2012, , .		0
86	Using spatio-temporal Markov model for flood mapping: the case study of Yialias River in Cyprus. Proceedings of SPIE, 2013, , .	0.8	0
87	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
88	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
89	The Image-Based Integrated Method for Determining and Mapping Aerosol Optical Thickness. , 0, , .		0
90	Detecting Underground Military Structures Using Field Spectroscopy. , 2020, , .		0

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91	Photogrammetric Survey for the Architectural Restoration of Ecclesiastical Cultural Heritage Monuments: The Case Study of the Church of the Holy Cross in Tochni. Lecture Notes in Computer Science, 2021, , 511-522.	1.0	0
92	Debate and Considerations on Using Videos for Cultural Heritage from Social Media for 3D Modelling. Lecture Notes in Computer Science, 2016, , 513-520.	1.0	0
93	Educational activities of remote sensing archaeology (Conference Presentation). , 2016, , .		0
94	Ten years research activities in Earth observation at the Cyprus University of Technology. , 2017, , .		0
95	Detection of underground structures using UAV and field spectroscopy for defence and security in Cyprus. , 2017, , .		0
96	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
97	Thermal remote sensing approach combined with field spectroscopy for detecting underground structures intended for defence and security purposes in Cyprus. , 2018, , .		0
98	Copernicus Sentinel opportunities using field spectroscopy to support deep man-made infrastructures in Cyprus. , 2018, , .		0
99	Remote sensing archaeology knowledge transfer: examples from the ATHENA Twinning project. , 2018, , .		0
100	Evaluating ten spectral vegetation indices for the identification of military underground structures. , 2019, , .		0
101	Evaluation of several vegetation indices to detect deep man-made bunkers using field spectroscopy. , 2019, , .		0
102	Assessment of the existing multi-hazard methods: intended for monitoring natural threats on archaeological sites. , 2019, , .		0
103	Excelsior: Earth observation opportunities for excellence in the Emmena Region. , 2020, , .		0
104	The documentation of cultural heritage sites in Cyprus using integrated techniques: the case study of the Church of Agios Athanasios and Kyrillos. , 2020, , .		0
105	Ship detection in Cyprus EEZ using Sentinel 1 data. , 2020, , .		0
106	Detecting migrant vessels in the Cyprus region using Sentinel-1 SAR data. , 2020, , .		0
107	The contribution of the EXCELSIOR Project for cultural heritage. , 2020, , .		0