# Diofantos Glafkou Hadjimitsis

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Integrated use of remote sensing, GIS and precipitation data for the assessment of soil erosion rate in the catchment area of â€œYialiasâ€•in Cyprus. Atmospheric Research, 2013, 131, 108-124. | 1.8 | 166 |
| 2 | An assessment of the effectiveness of atmospheric correction algorithms through the remote sensing of some reservoirs. International Journal of Remote Sensing, 2004, 25, 3651-3674. | 1.3 | 164 |
| 3 | Atmospheric correction for satellite remotely sensed data intended for agricultural applications: impact on vegetation indices. Natural Hazards and Earth System Sciences, 2010, 10, 89-95. | 1.5 | 155 |
| 4 | 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 |
| 5 | Evaluation of Broadband and Narrowband Vegetation Indices for the Identification of Archaeological Crop Marks. Remote Sensing, 2012, 4, 3892-3919. | 1.8 | 107 |
| 6 | Low Arabian dust extinctionâ€toâ€backscatter ratio. Geophysical Research Letters, 2013, 40, 4762-4766. | 1.5 | 95 |
| 7 | Reviews and perspectives of high impact atmospheric processes in the Mediterranean. Atmospheric Research, 2018, 208, 4-44. | 1.8 | 85 |
| 8 | Investigating Detection of Floating Plastic Litter from Space Using Sentinel-2 Imagery. Remote Sensing, 2020, 12, 2648. | 1.8 | 83 |
| 9 | 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 |
| 10 | Integration of geophysical surveys, ground hyperspectral measurements, aerial and satellite imagery for archaeological prospection of prehistoric sites: the case study of VÃ©sztÅ‘-MÃ¡gor Tell, Hungary. Journal of Archaeological Science, 2013, 40, 1454-1470. | 1.2 | 72 |
| 11 | Middle East versus Saharan dust extinction-to-backscatter ratios. Atmospheric Chemistry and Physics, 2015, 15, 7071-7084. | 1.9 | 70 |
| 12 | 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 |
| 13 | 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 |
| 14 | Evaluating the Potentials of Sentinel-2 for Archaeological Perspective. Remote Sensing, 2014, 6, 2176-2194. | 1.8 | 68 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | The use of selected pseudo-invariant targets for the application of atmospheric correction in multi-temporal studies using satellite remotely sensed imagery. International Journal of Applied Earth Observation and Geoinformation, 2009, 11, 192-200. | 1.4 | 60 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Assessment of temporal variations of water quality in inland water bodies using atmospheric corrected satellite remotely sensed image data. Environmental Monitoring and Assessment, 2009, 159, 281-292. | 1.3 | 51 |
| 23 | Low-level mixing height detection in coastal locations with a scanning Doppler lidar. Atmospheric Measurement Techniques, 2015, 8, 1875-1885. | 1.2 | 50 |
| 24 | 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 |
| 25 | Comparison of aerosol optical thickness with in situ visibility data over Cyprus. Natural Hazards and Earth System Sciences, 2010, 10, 421-428. | 1.5 | 47 |
| 26 | 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 |
| 27 | Orthogonal Equations of Multi-Spectral Satellite Imagery for the Identification of Un-Excavated Archaeological Sites. Remote Sensing, 2013, 5, 6560-6586. | 1.8 | 46 |
| 28 | Satellite remote sensing and GIS-based multi-criteria analysis for flood hazard mapping. Natural Hazards, 2016, 83, 31-51. | 1.6 | 46 |
| 29 | 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 |
| 30 | Optical Remote Sensing Potentials for Looting Detection. Geosciences (Switzerland), 2017, 7, 98. | 1.0 | 42 |
| 31 | 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 |
| 32 | Spatial variability of fine and coarse particle composition and sources in Cyprus. Atmospheric Research, 2016, 169, 255-270. | 1.8 | 40 |
| 33 | EARLINET: potential operationality of a research network. Atmospheric Measurement Techniques, 2015, 8, 4587-4613. | 1.2 | 39 |
| 34 | Monitoring Archaeological Site Landscapes in Cyprus Using Multi-Temporal Atmospheric Corrected Image Data. International Journal of Architectural Computing, 2009, 7, 121-138. | 0.9 | 37 |
| 35 | A Modified SEBAL Modeling Approach for Estimating Crop Evapotranspiration in Semi-arid Conditions. Water Resources Management, 2013, 27, 3493-3506. | 1.9 | 34 |
| 36 | Aerosol optical thickness (AOT) retrieval over land using satellite image-based algorithm. Air Quality, Atmosphere and Health, 2009, 2, 89-97. | 1.5 | 33 |

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| 37 | 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 |
| 38 | Small Scale Landslide Detection Using Sentinel-1 Interferometric SAR Coherence. Remote Sensing, 2020, 12, 1560. | 1.8 | 33 |
| 39 | Determination of Turbidity in Kourris Dam in Cyprus Utilizing Landsat TM Remotely Sensed Data. Water Resources Management, 2006, 20, 449-465. | 1.9 | 32 |
| 40 | 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 |
| 41 | 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 |
| 42 | Unmanned Aerial Systems and Spectroscopy for Remote Sensing Applications in Archaeology. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 1419-1423. | 0.2 | 30 |
| 43 | 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 |
| 44 | 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 |
| 45 | Accuracy measurement of Random Forests and Linear Regression for mass appraisal models that estimate the prices of residential apartments in Nicosia, Cyprus. Advances in Geosciences, 0, 45, 377-382. | 12.0 | 27 |
| 46 | Examining the Phenological Cycle of Barley (Hordeum vulgare) Using Satellite andin situSpectroradiometer Measurements for the Detection of Buried Archaeological Remains. GIScience and Remote Sensing, 2012, 49, 854-872. | 2.4 | 26 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | Optimizing statistical classification accuracy of satellite remotely sensed imagery for supporting fast flood hydrological analysis. Acta Geophysica, 2012, 60, 959-984. | 1.0 | 23 |
| 51 | The use of an improved atmospheric correction algorithm for removing atmospheric effects from remotely sensed images using an atmosphereâ€“surface simulation and meteorological data. Meteorological Applications, 2008, 15, 381-387. | 0.9 | 22 |
| 52 | 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 |
| 53 | Brief communication "Determination of urban growth in catchment areas in Cyprus using multi-temporal remotely sensed data: risk assessment study". Natural Hazards and Earth System Sciences, 2010, 10, 2235-2240. | 1.5 | 21 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Description of a New Method for Retrieving the Aerosol Optical Thickness from Satellite Remotely Sensed Imagery Using the Maximum Contrast Value and Darkest Pixel Approach. Transactions in GIS, 2008, 12, 633-644. | 1.0 | 19 |
| 56 | Potential of Virtual Earth Observation Constellations in Archaeological Research. Sensors, 2019, 19, 4066. | 2.1 | 19 |
| 57 | Determination of aerosol optical thickness through the derivation of an atmospheric correction for short-wavelength Landsat TM and ASTER image data: an application to areas located in the vicinity of airports at UK and Cyprus. Applied Geomatics, 2009, 1, 31-40. | 1.2 | 18 |
| 58 | <i>Brief communication</i> "The integration of remote sensing and meteorological data for monitoring irrigation demand in Cyprus". Natural Hazards and Earth System Sciences, 2009, 9, 2009-2014. | 1.5 | 17 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | On the darkest pixel atmospheric correction algorithm: a revised procedure applied over satellite remotely sensed images intended for environmental applications. Proceedings of SPIE, 2004, , . | 0.8 | 15 |
| 63 | Use of space technology for assisting water quality assessment and monitoring of inland water bodies. Physics and Chemistry of the Earth, 2010, 35, 115-120. | 1.2 | 15 |
| 64 | Relationship between MODIS based Aerosol Optical Depth and PM10 over Croatia. Open Geosciences, 2014, 6, . | 0.6 | 15 |
| 65 | The GLAM Airborne Campaign across the Mediterranean Basin. Bulletin of the American Meteorological Society, 2018, 99, 361-380. | 1.7 | 15 |
| 66 | Smart management and irrigation demand monitoring in Cyprus, using remote sensing and water resources simulation and optimization. Advances in Geosciences, 0, 30, 31-37. | 12.0 | 15 |
| 67 | Evaluation of Satellite-Derived Bathymetry from High and Medium-Resolution Sensors Using Empirical Methods. Remote Sensing, 2022, 14, 772. | 1.8 | 15 |
| 68 | Retrieving visibility values using satellite remote sensing data. Physics and Chemistry of the Earth, 2010, 35, 121-124. | 1.2 | 14 |
| 69 | 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 |
| 70 | 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 |
| 71 | The Importance of Accounting for Atmospheric Effects in Satellite Remote Sensing: A Case Study from the Lower Thames Valley Area, UK. , 2000, , 194. | | 13 |
| 72 | 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 |

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| 73 | Grape Leaf Diseases Identification System Using Convolutional Neural Networks and LoRa Technology. IEEE Access, 2022, 10, 122-133. | 2.6 | 13 |
| 74 | 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 |
| 75 | Digital Heritage. Lecture Notes in Computer Science, 2010, , . | 1.0 | 12 |
| 76 | Spectral signature measurements during the whole life cycle of annual crops and sustainable irrigation management over Cyprus using remote sensing and spectro-radiometric data: the cases of spring potatoes and peas. Proceedings of SPIE, 2009, , . | 0.8 | 11 |
| 77 | Damage assessment using advanced non-intrusive inspection methods: integration of space, UAV, GPR, and field spectroscopy. Proceedings of SPIE, 2014, , . | 0.8 | 11 |
| 78 | The Protection of Cultural Heritage Sites from Geo-Hazards: The PROTHEGO Project. Lecture Notes in Computer Science, 2016, , 91-98. | 1.0 | 11 |
| 79 | Experiencing Cultural Heritage Sites Using 3D Modeling for the Visually Impaired. Lecture Notes in Computer Science, 2016, , 171-177. | 1.0 | 11 |
| 80 | Hyperspectral Ground Truth Data for the Detection of Buried Architectural Remains. Lecture Notes in Computer Science, 2010, , 318-331. | 1.0 | 11 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | The Cyprus coastal heritage landscapes within Marine Spatial Planning process. Journal of Cultural Heritage, 2017, 23, 28-36. | 1.5 | 10 |
| 85 | 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 |
| 86 | A European-Scale Investigation of Soil Erosion Threat to Subsurface Archaeological Remains. Remote Sensing, 2020, 12, 675. | 1.8 | 10 |
| 87 | 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 |
| 88 | Crop evapotranspiration estimation using remote sensing and the existing network of meteorological stations in Cyprus. Advances in Geosciences, 0, 30, 39-44. | 12.0 | 10 |
| 89 | Spectral vegetation indices from field spectroscopy intended for evapotranspiration purposes for spring potatoes in Cyprus. Proceedings of SPIE, 2010, , . | 0.8 | 9 |
| 90 | 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 |

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| 91 | 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 |
| 92 | 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 |
| 93 | 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 |
| 94 | Trophic State Index derivation through the remote sensing of Case-2 water bodies in the Mediterranean region. Open Geosciences, 2014, 6, . | 0.6 | 8 |
| 95 | Maritime Spatial Planning in Cyprus. Open Geosciences, 2016, 8, . | 0.6 | 8 |
| 96 | Advances in Understanding and Managing Catastrophic Ecosystem Shifts in Mediterranean Ecosystems. Frontiers in Ecology and Evolution, 2020, 8, . | 1.1 | 8 |
| 97 | Estimating irrigation demand using satellite remote sensing: a case study of Paphos District area in Cyprus. , 2008, , . | | 7 |
| 98 | A new method for assessing the trophic state of large dams in Cyprus using satellite remotely sensed data. Water and Environment Journal, 2010, 24, 200-207. | 1.0 | 7 |
| 99 | 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 |
| 100 | Using SEBAL to Investigate How Variations in Climate Impact on Crop Evapotranspiration. Journal of Imaging, 2017, 3, 30. | 1.7 | 7 |
| 101 | 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 |
| 102 | The application of atmospheric correction algorithms for monitoring atmospheric pollution using Landsat TM images. , 2008, , . | | 6 |
| 103 | Detection of archaeological crop marks in Cyprus using vegetation indices from Landsat TM/ETM+ satellite images and field spectroscopy measurements. , 2010, , . | | 6 |
| 104 | Monitoring Air Pollution in the Vicinity of Cultural Heritage Sites in Cyprus Using Remote Sensing Techniques. Lecture Notes in Computer Science, 2010, , 536-547. | 1.0 | 6 |
| 105 | Filling in missing sea-surface temperature satellite data over the Eastern Mediterranean Sea using the DINEOF algorithm. Open Geosciences, 2014, 6, . | 0.6 | 6 |
| 106 | Monitoring asphalt pavement damages using remote sensing techniques. Proceedings of SPIE, 2015, , . | 0.8 | 6 |
| 107 | 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 |
| 108 | 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 |

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|---|---|---|---|
| 109 | 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 |
| 110 | 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 |
| 111 | The use of UAVs and photogrammetry for the documentation of cultural heritage monuments: the case study of the churches in Cyprus. , 2019, , . | | 6 |
| 112 | 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 |
| 113 | Estimation of spatio-temporal distribution of precipitable water using MODIS and AVHRR data: a case study for Cyprus. Advances in Geosciences, 0, 30, 23-29. | 12.0 | 6 |
| 114 | Integrated method for tracking changes in archeolandscapes using remote and close-range technologies: Monitoring of change and risk assessment methodologies. , 2013, , . | | 5 |
| 115 | Integrated use of field spectroscopy and satellite remote sensing for defence and security applications in Cyprus. Proceedings of SPIE, 2016, , . | 0.8 | 5 |
| 116 | Smart city planning from a bottom-up approach: local communities' intervention for a smarter urban environment. Proceedings of SPIE, 2016, , . | 0.8 | 5 |
| 117 | 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 |
| 118 | The use of remote sensing for maritime surveillance for security and safety in Cyprus. , 2020, , . | | 5 |
| 119 | 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 |
| 120 | A Human Centric Approach on the Analysis of the Smart City Concept: the case study of the Limassol city in Cyprus. Advances in Geosciences, 0, 45, 305-320. | 12.0 | 5 |
| 121 | Exploring the need for identifying suitable pseudo-invariant targets for applying atmospheric correction in multitemporal studies using satellite remotely sensed imagery. , 2003, 4886, 205. | | 4 |
| 122 | The use of satellite remote sensing and GIS for assisting flood risk assessment: a case study of the Agriokalamin Catchment area in Paphos-Cyprus. , 2007, , . | | 4 |
| 123 | Assessment of the effectiveness of atmospheric correction methods using standard calibration targets, ground measurements and aster images. , 2009, , . | | 4 |
| 124 | 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 |
| 125 | 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 |
| 126 | Characterizing the spectral signatures and optical properties of dams in Cyprus using field spectroradiometric measurements. , 2011, , . | | 4 |

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| 127 | Estimating the relationship between aerosol optical thickness and PM 10 using lidar and meteorological data in Limassol, Cyprus. Proceedings of SPIE, 2011, , . | 0.8 | 4 |
| 128 | The development of air quality indices through image-retrieved AOT and PM10measurements in Limassol Cyprus. , 2012, , . | | 4 |
| 129 | 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 |
| 130 | Integrated use of field spectroscopy and satellite remote sensing for defence and security applications in Cyprus. Proceedings of SPIE, 2016, , . | 0.8 | 4 |
| 131 | Earth observation technologies in service to the cultural landscape of Cyprus: risk identification and assessment. Proceedings of SPIE, 2016, , . | 0.8 | 4 |
| 132 | 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 |
| 133 | Integrated Investigation of Built Heritage Monuments: The Case Study of Paphos Harbour Castle, Cyprus. Heritage, 2018, 1, 1-14. | 0.9 | 4 |
| 134 | Field spectroscopy for the detection of underground military structures. European Journal of Remote Sensing, 2019, 52, 385-399. | 1.7 | 4 |
| 135 | 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 |
| 136 | Open source software DASOS: efficient accumulation, analysis, and visualisation of full-waveform lidar. , 2019, , . | | 4 |
| 137 | Monitoring military landscapes and detection of underground man-made critical infrastructures in Cyprus using Earth Observation. Advances in Geosciences, 0, 45, 335-342. | 12.0 | 4 |
| 138 | The use of satellite remote sensing and UAV for the mapping of coastal areas for the use of marine spatial planning. , 2019, , . | | 4 |
| 139 | Using simple ratio (SR) vegetation index to detect deep man-made infrastructures in Cyprus. , 2020, , . | | 4 |
| 140 | Integration of micro-sensor technology and remote sensing for monitoring coastal water quality in a municipal beach and other areas in Cyprus. , 2009, , . | | 3 |
| 141 | Satellite remote sensing, GIS and sun-photometers for monitoring PM 10 in Cyprus: issues on public health. , 2010, , . | | 3 |
| 142 | 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 |
| 143 | Mapping air pollution using Earth observation techniques for cultural heritage sites. , 2013, , . | | 3 |
| 144 | Introduction â€" The problem of Water Leakages. , 2014, , . | | 3 |

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|---|---|---|---|
| 145 | Detecting underground structures in Cyprus using field spectroscopy. , 2018, , . | | 3 |
| 146 | Detection of marine fronts: a comparison between different approaches applied on the SST product derived from Sentinel-3 data. , 2018, , . | | 3 |
| 147 | Use of ETM+ thermal band to identify irrigation patterns in the Aral Sea basin, Kazakhstan. , 2003, 4879, 62. | | 2 |
| 148 | The application of the covariance matrix statistical method for removing atmospheric effects from satellite remotely sensed data intended for environmental applications. , 2007, , . | | 2 |
| 149 | Overview of remote sensing applications for assessing and monitoring natural hazards in Cyprus. Proceedings of SPIE, 2010, , . | 0.8 | 2 |
| 150 | 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 |
| 151 | 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 |
| 152 | Use of satellite derived vegetation indices for the detection of water pipeline leakages in semiarid areas. , 2013, , . | | 2 |
| 153 | Variations of spectral signature profiles of wet and dry targets for supporting the detection of water-leakages using satellite data. , 2013, , . | | 2 |
| 154 | Prospects and limitations of vegetation indices in archeological research: the Neolithic Thessaly case study. Proceedings of SPIE, 2013, , . | 0.8 | 2 |
| 155 | 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 |
| 156 | Whatâ€™s next in remote sensing archaeology? Use of field spectroscopy to design a new space sensor. , 2014, , . | | 2 |
| 157 | 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 |
| 158 | Marine spatial planning in Cyprus. Proceedings of SPIE, 2015, , . | 0.8 | 2 |
| 159 | Detection of asphalt pavement cracks using remote sensing techniques. Proceedings of SPIE, 2016, , . | 0.8 | 2 |
| 160 | Towards a spectral library of Roman to Early Christian Cypriot floor mosaics. Journal of Archaeological Science: Reports, 2017, 14, 782-791. | 0.2 | 2 |
| 161 | Connection of Heat Events in Cyprus with Synoptic Upper Air Patterns. Springer Atmospheric Sciences, 2013, , 787-792. | 0.4 | 2 |
| 162 | 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 |

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|---|---|---|---|
| 163 | Measuring the environmental awareness of young farmers. , 2017, , . | | 2 |
| 164 | Coastal water quality near to desalination project in Cyprus using Earth observation. Proceedings of SPIE, 2011, , . | 0.8 | 2 |
| 165 | The innovative documentation of cultural heritage using H-BIM: case study of Asinou church. , 2018, , . | | 2 |
| 166 | Space-Based Displacement Monitoring of Coastal Urban Areas: The Case of Limassolâ€™s Coastal Front. Remote Sensing, 2022, 14, 914. | 1.8 | 2 |
| 167 | Satellite remote sensing and GIS for sustainable development in Skiathos Island, Greece. Proceedings of SPIE, 2004, , . | 0.8 | 1 |
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