Dionissios Kalivas

List of Publications by Year
in descending order

41 papers	1,105 citations	430754 18 h-index	414303 32 g-index
41 all docs	41 docs citations	41 times ranked	1555 citing authors

#	Article	IF	Citations
1	Modelling of Greek Lakes Water Quality Using Earth Observation in the Framework of the Water Framework Directive (WFD). Remote Sensing, 2022, 14, 739.	1.8	15
2	Tree's detection & health's assessment from ultra-high resolution UAV imagery and deep learning. Geocarto International, 2022, 37, 10459-10479.	1.7	6
3	Assessing Soil and Crop Characteristics at Sub-Field Level Using Unmanned Aerial System and Geospatial Analysis. Sustainability, 2021, 13, 2855.	1.6	1
4	Weed surveys and weed mapping in Europe: State of the art and future tasks. Crop Protection, 2020, 129, 105010.	1.0	28
5	Estimating Chlorophyll-a of Inland Water Bodies in Greece Based on Landsat Data. Remote Sensing, 2020, 12, 2087.	1.8	14
6	Pyrenophora teres and Rhynchosporium secalis Establishment in a Mediterranean Malt Barley Field: Assessing Spatial, Temporal and Management Effects. Agriculture (Switzerland), 2020, 10, 553.	1.4	6
7	Quantifying Land Cover Changes in a Mediterranean Environment Using Landsat TM and Support Vector Machines. Forests, 2020, 11, 750.	0.9	24
8	Assessment of Olive Tree Canopy Characteristics and Yield Forecast Model Using High Resolution UAV Imagery. Agriculture (Switzerland), 2020, 10, 385.	1.4	37
9	A Multiple-Input Neural Network Model for Predicting Cotton Production Quantity: A Case Study. Algorithms, 2020, 13, 273.	1.2	11
10	Hippocratic medicinal flora on the Greek Island of Kos: Spatial distribution, assessment of soil conditions, essential oil content and chemotype analysis. Journal of Applied Research on Medicinal and Aromatic Plants, 2018, 9, 97-109.	0.9	11
11	Signs for secondary buildup of heavy metals in soils at the periphery of Athens International Airport, Greece. Environmental Science and Pollution Research, 2018, 25, 658-671.	2.7	18
12	Delimitation of Agricultural Areas with Natural Constraints in Greece: Assessment of the Dryness Climatic Criterion Using Geostatistics. Agronomy, 2018, 8, 161.	1.3	10
13	An Appraisal of the Potential of Landsat 8 in Estimating Chlorophyll-a, Ammonium Concentrations and Other Water Quality Indicators. Remote Sensing, 2018, 10, 1018.	1.8	39
14	EXPLORING THE POTENTIAL OF EO DATA AND GIS FOR ECOSYSTEM HEALTH MODELING IN RESPONSE TO WILDFIRE: A CASE STUDY IN CENTRAL GREECE. Environmental Engineering and Management Journal, 2018, 17, 2165-2178.	0.2	3
15	Spatio-temporal monitoring of cotton cultivation using ground-based and airborne multispectral sensors in GIS environment. Environmental Monitoring and Assessment, 2017, 189, 323.	1.3	4
16	A large-scale analysis of soil and bioclimatic factors affecting the infestation level of tobacco (Nicotiana tabacum L.) by Phelipanche species. Crop Protection, 2016, 83, 27-36.	1.0	7
17	Extending the Global Sensitivity Analysis of the SimSphere model in the Context of its Future Exploitation by the Scientific Community. Water (Switzerland), 2015, 7, 2101-2141.	1.2	9
18	GIS Modelling for Site-Specific Nitrogen Fertilization towards Soil Sustainability. Sustainability, 2015, 7, 6684-6705.	1.6	10

#	Article	IF	Citations
19	Urban vegetation cover extraction from hyperspectral imagery and geographic information system spatial analysis techniques: case of Athens, Greece. Journal of Applied Remote Sensing, 2015, 9, 096088.	0.6	38
20	Prediction of climate change impacts on cotton yields in Greece under eight climatic models using the AquaCrop crop simulation model and discriminant function analysis. Agricultural Water Management, 2015, 147, 116-128.	2.4	34
21	Remote sensing and GIS analysis for mapping spatio-temporal changes of erosion and deposition of two Mediterranean river deltas: The case of the Axios and Aliakmonas rivers, Greece. International Journal of Applied Earth Observation and Geoinformation, 2015, 35, 217-228.	1.4	53
22	An assessment of the behavior of carvacrol â€" rich wild Lamiaceae species from the eastern Aegean under cultivation in two different environments. Industrial Crops and Products, 2014, 54, 62-69.	2.5	12
23	Quantifying spatial and temporal vegetation recovery dynamics following a wildfire event in a Mediterranean landscape using EO data and GIS. Applied Geography, 2014, 50, 120-131.	1.7	57
24	Temporal shifts in floristic and avian diversity in Mediterranean pine forest ecosystems under different fire pressure: The island of Zakynthos as a case study. Annals of Forest Research, 2014, 61, .	0.6	4
25	Autologistic regression and multicriteria evaluation models for the prediction of forest expansion. New Forests, 2013, 44, 163-181.	0.7	8
26	Total and available heavy metal concentrations in soils of the Thriassio plain (Greece) and assessment of soil pollution indexes. Environmental Monitoring and Assessment, 2013, 185, 6751-6766.	1.3	96
27	Evaluation of three spatial interpolation methods to estimate forest volume in the municipal forest of the Greek island Skyros. Geo-Spatial Information Science, 2013, 16, 100-112.	2.4	14
28	An intercomparison of burnt area estimates derived from key operational products: the Greek wildland fires of 2005â€"2007. Nonlinear Processes in Geophysics, 2013, 20, 397-409.	0.6	15
29	Regional Mapping of Perennial Weeds in Cotton with the Use of Geostatistics. Weed Science, 2012, 60, 233-243.	0.8	15
30	A GIS-based integrated approach predicts accurately post-fire Aleppo pine regeneration at regional scale. Annals of Forest Science, 2012, 69, 519-529.	0.8	7
31	Variability in essential oil content and composition of Origanum hirtum L., Origanum onites L., Coridothymus capitatus (L.) and Satureja thymbra L. populations from the Greek island Ikaria. Industrial Crops and Products, 2011, 33, 236-241.	2.5	66
32	Decision support system for nitrogen fertilization using fuzzy theory. Computers and Electronics in Agriculture, 2011, 78, 130-139.	3.7	47
33	Using geographic information systems to map the prevalent weeds at an early stage of the cotton crop in relation to abiotic factors. Phytoparasitica, 2010, 38, 299-312.	0.6	8
34	Concentrations and Availability Indicators of Soil Heavy Metals; the Case of Childrenâ€™s Playgrounds in the City of Athens (Greece). Water, Air, and Soil Pollution, 2010, 212, 51-63.	1.1	75
35	GIS-based landslide susceptibility mapping models applied to natural and urban planning in Trikala, Central Greece. Estudios Geologicos, 2009, 65, 49-65.	0.7	89
36	Forest Re-growth Since 1945 in the Dadia Forest Nature Reserve in Northern Greece. New Forests, 2006, 32, 51-69.	0.7	23

#	Article	IF	Citations
37	Comparison of Interpolation Methods for the Prediction of Reference Evapotranspiration—An Application in Greece. Water Resources Management, 2005, 19, 251-278.	1.9	102
38	Title is missing!. Water Resources Management, 2003, 17, 19-36.	1.9	25
39	A GIS-based fuzzy classification for mapping the agricultural soils for N-fertilizers use. Science of the Total Environment, 2003, 309, 19-33.	3.9	30
40	Effects of soil, climate and cultivation techniques on cotton yield in Central Greece, using different statistical methods. Agronomy for Sustainable Development, 2001, 21, 73-89.	0.8	11
41	The enhancement of a commercial geographical information system (ARC/INFO) with fuzzy processing capabilities for the evaluation of land resources. Computers and Electronics in Agriculture, 1998, 20, 79-95.	3.7	23