

Dionissios Kalivas

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,105
citations

430442

18
h-index

414034

32
g-index

41
all docs

41
docs citations

41
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Interpolation Methods for the Prediction of Reference Evapotranspiration" An Application in Greece. <i>Water Resources Management</i> , 2005, 19, 251-278.	1.9	102
2	Total and available heavy metal concentrations in soils of the Thriassio plain (Greece) and assessment of soil pollution indexes. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 6751-6766.	1.3	96
3	GIS-based landslide susceptibility mapping models applied to natural and urban planning in Trikala, Central Greece. <i>Estudios Geologicos</i> , 2009, 65, 49-65.	0.7	89
4	Concentrations and Availability Indicators of Soil Heavy Metals; the Case of Children's Playgrounds in the City of Athens (Greece). <i>Water, Air, and Soil Pollution</i> , 2010, 212, 51-63.	1.1	75
5	Variability in essential oil content and composition of <i>Origanum hirtum</i> L., <i>Origanum onites</i> L., <i>Coridothymus capitatus</i> (L.) and <i>Satureja thymbra</i> L. populations from the Greek island Ikaria. <i>Industrial Crops and Products</i> , 2011, 33, 236-241.	2.5	66
6	Quantifying spatial and temporal vegetation recovery dynamics following a wildfire event in a Mediterranean landscape using EO data and GIS. <i>Applied Geography</i> , 2014, 50, 120-131.	1.7	57
7	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. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 35, 217-228.	1.4	53
8	Decision support system for nitrogen fertilization using fuzzy theory. <i>Computers and Electronics in Agriculture</i> , 2011, 78, 130-139.	3.7	47
9	An Appraisal of the Potential of Landsat 8 in Estimating Chlorophyll-a, Ammonium Concentrations and Other Water Quality Indicators. <i>Remote Sensing</i> , 2018, 10, 1018.	1.8	39
10	Urban vegetation cover extraction from hyperspectral imagery and geographic information system spatial analysis techniques: case of Athens, Greece. <i>Journal of Applied Remote Sensing</i> , 2015, 9, 096088.	0.6	38
11	Assessment of Olive Tree Canopy Characteristics and Yield Forecast Model Using High Resolution UAV Imagery. <i>Agriculture (Switzerland)</i> , 2020, 10, 385.	1.4	37
12	Prediction of climate change impacts on cotton yields in Greece under eight climatic models using the AquaCrop crop simulation model and discriminant function analysis. <i>Agricultural Water Management</i> , 2015, 147, 116-128.	2.4	34
13	A GIS-based fuzzy classification for mapping the agricultural soils for N-fertilizers use. <i>Science of the Total Environment</i> , 2003, 309, 19-33.	3.9	30
14	Weed surveys and weed mapping in Europe: State of the art and future tasks. <i>Crop Protection</i> , 2020, 129, 105010.	1.0	28
15	Title is missing!. <i>Water Resources Management</i> , 2003, 17, 19-36.	1.9	25
16	Quantifying Land Cover Changes in a Mediterranean Environment Using Landsat TM and Support Vector Machines. <i>Forests</i> , 2020, 11, 750.	0.9	24
17	The enhancement of a commercial geographical information system (ARC/INFO) with fuzzy processing capabilities for the evaluation of land resources. <i>Computers and Electronics in Agriculture</i> , 1998, 20, 79-95.	3.7	23
18	Forest Re-growth Since 1945 in the Dadia Forest Nature Reserve in Northern Greece. <i>New Forests</i> , 2006, 32, 51-69.	0.7	23

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19	Signs for secondary buildup of heavy metals in soils at the periphery of Athens International Airport, Greece. <i>Environmental Science and Pollution Research</i> , 2018, 25, 658-671.	2.7	18
20	Regional Mapping of Perennial Weeds in Cotton with the Use of Geostatistics. <i>Weed Science</i> , 2012, 60, 233-243.	0.8	15
21	An intercomparison of burnt area estimates derived from key operational products: the Greek wildland fires of 2005–2007. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 397-409.	0.6	15
22	Modelling of Greek Lakes Water Quality Using Earth Observation in the Framework of the Water Framework Directive (WFD). <i>Remote Sensing</i> , 2022, 14, 739.	1.8	15
23	Evaluation of three spatial interpolation methods to estimate forest volume in the municipal forest of the Greek island Skyros. <i>Geo-Spatial Information Science</i> , 2013, 16, 100-112.	2.4	14
24	Estimating Chlorophyll-a of Inland Water Bodies in Greece Based on Landsat Data. <i>Remote Sensing</i> , 2020, 12, 2087.	1.8	14
25	An assessment of the behavior of carvacrol – rich wild Lamiaceae species from the eastern Aegean under cultivation in two different environments. <i>Industrial Crops and Products</i> , 2014, 54, 62-69.	2.5	12
26	Hippocratic medicinal flora on the Greek Island of Kos: Spatial distribution, assessment of soil conditions, essential oil content and chemotype analysis. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2018, 9, 97-109.	0.9	11
27	A Multiple-Input Neural Network Model for Predicting Cotton Production Quantity: A Case Study. <i>Algorithms</i> , 2020, 13, 273.	1.2	11
28	Effects of soil, climate and cultivation techniques on cotton yield in Central Greece, using different statistical methods. <i>Agronomy for Sustainable Development</i> , 2001, 21, 73-89.	0.8	11
29	GIS Modelling for Site-Specific Nitrogen Fertilization towards Soil Sustainability. <i>Sustainability</i> , 2015, 7, 6684-6705.	1.6	10
30	Delimitation of Agricultural Areas with Natural Constraints in Greece: Assessment of the Dryness Climatic Criterion Using Geostatistics. <i>Agronomy</i> , 2018, 8, 161.	1.3	10
31	Extending the Global Sensitivity Analysis of the SimSphere model in the Context of its Future Exploitation by the Scientific Community. <i>Water (Switzerland)</i> , 2015, 7, 2101-2141.	1.2	9
32	Using geographic information systems to map the prevalent weeds at an early stage of the cotton crop in relation to abiotic factors. <i>Phytoparasitica</i> , 2010, 38, 299-312.	0.6	8
33	Autologistic regression and multicriteria evaluation models for the prediction of forest expansion. <i>New Forests</i> , 2013, 44, 163-181.	0.7	8
34	A GIS-based integrated approach predicts accurately post-fire Aleppo pine regeneration at regional scale. <i>Annals of Forest Science</i> , 2012, 69, 519-529.	0.8	7
35	A large-scale analysis of soil and bioclimatic factors affecting the infestation level of tobacco (<i>Nicotiana tabacum</i> L.) by <i>Phelipanche</i> species. <i>Crop Protection</i> , 2016, 83, 27-36.	1.0	7
36	<i>Pyrenophora teres</i> and <i>Rhynchosporium secalis</i> Establishment in a Mediterranean Malt Barley Field: Assessing Spatial, Temporal and Management Effects. <i>Agriculture (Switzerland)</i> , 2020, 10, 553.	1.4	6

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37	Tree's detection & health's assessment from ultra-high resolution UAV imagery and deep learning. Geocarto International, 2022, 37, 10459-10479.	1.7	6
38	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
39	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
40	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
41	Assessing Soil and Crop Characteristics at Sub-Field Level Using Unmanned Aerial System and Geospatial Analysis. Sustainability, 2021, 13, 2855.	1.6	1