Alexandra Gemitzi

List of Publications by Year
in descending order

41	1,063	535685	466096
papers	citations	17	32
		h-index	g-index

44	44	44	1519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Google Earth Engine code to estimate properties of vegetation phenology in fire affected areas â€" A case study in North Evia wildfire event on August 2021. Remote Sensing Applications: Society and Environment, 2022, 26, 100720.	0.8	5
2	Predicting land cover changes using a CA Markov model under different shared socioeconomic pathways in Greece. GIScience and Remote Sensing, 2021, 58, 425-441.	2.4	17
3	Detecting geothermal anomalies using Landsat 8 thermal infrared remotely sensed data. International Journal of Applied Earth Observation and Geoinformation, 2021, 96, 102283.	1.4	14
4	Applying Remotely Sensed Environmental Information to Model Mosquito Populations. Sustainability, 2021, 13, 7655.	1.6	3
5	Assessment of properties of vegetation phenology in fire-affected areas from 2000 to 2015in the Peloponnese, Greece. Remote Sensing Applications: Society and Environment, 2021, 23, 100535.	0.8	2
6	Land cover and vegetation carbon stock changes in Greece: A 29-year assessment based on CORINE and Landsat land cover data. Science of the Total Environment, 2021, 786, 147408.	3.9	17
7	A Spatial Downscaling Methodology for GRACE Total Water Storage Anomalies Using GPM IMERG Precipitation Estimates. Remote Sensing, 2021, 13, 5149.	1.8	14
8	A simple method for water balance estimation based on the empirical method and remotely sensed evapotranspiration estimates. Journal of Hydroinformatics, 2020, 22, 440-451.	1.1	22
9	Are Vegetation Dynamics Impacted from a Nuclear Disaster? The Case of Chernobyl Using Remotely Sensed NDVI and Land Cover Data. Land, 2020, 9, 433.	1.2	4
10	Estimation of spatio-temporal vegetation trends in different land use environments across Greece. Journal of Land Use Science, 2019, 14, 21-36.	1.0	11
11	Vegetation greening trends in different land use types: natural variability versus human-induced impacts in Greece. Environmental Earth Sciences, 2019, 78, 1.	1.3	17
12	Evaluating Renewable Groundwater Stress with GRACE Data in Greece. Ground Water, 2018, 56, 501-514.	0.7	12
13	Determination of annual and seasonal daytime and nighttime trends of MODIS LST over Greece - climate change implications. Science of the Total Environment, 2018, 616-617, 937-947.	3.9	82
14	Estimating Groundwater Abstractions at the Aquifer Scale Using GRACE Observations. Geosciences (Switzerland), 2018, 8, 419.	1.0	12
15	Developing empirical monthly groundwater recharge equations based on modeling and remote sensing data â€" Modeling future groundwater recharge to predict potential climate change impacts. Journal of Hydrology, 2017, 546, 1-13.	2.3	49
16	A decision tree tool supporting the assessment of groundwater vulnerability. Environmental Earth Sciences, 2016, 75, 1.	1.3	22
17	Toward operational methods for the assessment of intrinsic groundwater vulnerability: A review. Critical Reviews in Environmental Science and Technology, 2016, 46, 827-884.	6.6	72
18	Intrinsic groundwater vulnerability determination at the aquifer scale: a methodology coupling travel time estimation and rating methods. Environmental Earth Sciences, 2016, 75, 1.	1.3	16

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19	Does groundwater protection in Europe require new EU-wide environmental quality standards?. Frontiers in Chemistry, 2014, 2, 32.	1.8	17
20	Seawater intrusion into groundwater aquifer through a coastal lake - complex interaction characterised by water isotopes ^{2}H and ^{18}O. Isotopes in Environmental and Health Studies, 2014, 50, 74-87.	0.5	16
21	Performance assessment of nitrate leaching models for highly vulnerable soils used in low-input farming based on lysimeter data. Science of the Total Environment, 2014, 499, 463-480.	3.9	35
22	Protection of groundwater dependent ecosystems: current policies and future management options. Water Policy, 2014, 16, 1070-1086.	0.7	10
23	Public perception for monitoring and management of environmental risk: the case of the tires' fire in Drama region, Greece. Journal of Risk Research, 2014, 17, 1183-1206.	1.4	6
24	Conceptualizing and assessing the effects of installation and operation of photovoltaic power plants on major hydrologic budget constituents. Science of the Total Environment, 2014, 493, 239-250.	3.9	24
25	Application of the Multi-Attribute Value Theory for engaging stakeholders in groundwater protection in the Vosvozis catchment in Greece. Science of the Total Environment, 2014, 470-471, 26-33.	3.9	17
26	Groundwater Pollution and Quality Monitoring Approaches at the European Level. Critical Reviews in Environmental Science and Technology, 2013, 43, 323-408.	6.6	58
27	LAN Tool: A GIS Tool for the Improvement of Digital Elevation Models Using Drainage Network Attributes. Journal of Geographic Information System, 2013, 05, 325-336.	0.3	0
28	Evaluating the anthropogenic impacts on groundwaters; a methodology based on the determination of natural background levels and threshold values. Environmental Earth Sciences, 2012, 67, 2223-2237.	1.3	32
29	Evaluation of the effects of climate and man intervention on ground waters and their dependent ecosystems using time series analysis. Journal of Hydrology, 2011, 403, 130-140.	2.3	25
30	Hydrological and water quality modeling in a medium-sized basin using the Soil and Water Assessment Tool (SWAT). Desalination, 2010, 250, 274-286.	4.0	73
31	Use of GIS and Multi-Criteria Evaluation Techniques in Environmental Problems. Smart Innovation, Systems and Technologies, 2010, , 5-59.	0.5	4
32	Spatial prediction of nitrate pollution in groundwaters using neural networks and GIS: an application to South Rhodope aquifer (Thrace, Greece). Hydrological Processes, 2009, 23, 372-383.	1.1	26
33	Current conditions of saltwater intrusion in the coastal Rhodope aquifer system, northeastern Greece. Desalination, 2009, 237, 22-41.	4.0	29
34	Delineation of groundwater protection zones by the backward particle tracking method: theoretical background and GIS-based stochastic analysis. Environmental Geology, 2008, 54, 1081-1090.	1.2	21
35	The possible hydrologic effects of the proposed lignite open-cast mining in Drama lignite field, Greece. Hydrological Processes, 2008, 22, 1604-1617.	1.1	8
36	HYDRA model: Simulation of salt intrusion in coastal aquifers using Visual Basic and GIS. Environmental Modelling and Software, 2007, 22, 924-936.	1.9	13

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37	Use of GIS in siting stabilization pond facilities for domestic wastewater treatment. Journal of Environmental Management, 2007, 82, 155-166.	3.8	30
38	Assessment of groundwater vulnerability to pollution: a combination of GIS, fuzzy logic and decision making techniques. Environmental Geology, 2006, 49, 653-673.	1.2	118
39	Combining geographic information system, multicriteria evaluation techniques and fuzzy logic in siting MSW landfills. Environmental Geology, 2006, 51, 797-811.	1.2	107
40	Development of a sharp interface model that simulates coastal aquifer flow with the coupled use of GIS. Hydrogeology Journal, 2004, 12, 345.	0.9	3
41	Advanced Environmental Monitoring with Remote Sensing Time Series Data and R. , 0, , .		0