Demetrios E Tsesmelis

List of Publications by Year
in descending order

17	397	840585 11	940416 16
papers	citations	h-index	g-index

17	17	17	332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Drought assessment using the standardized precipitation index (SPI) in GIS environment in Greece. , 2022, , 619-633.		7
2	Evaluating the Degradation of Natural Resources in the Mediterranean Environment Using the Water and Land Resources Degradation Index, the Case of Crete Island. Atmosphere, 2022, 13, 135.	1.0	15
3	Geoinformation Technologies in Support of Environmental Hazards Monitoring under Climate Change: An Extensive Review. ISPRS International Journal of Geo-Information, 2021, 10, 94.	1.4	27
4	Factual Drought Index (FDI): a composite index based on precipitation and evapotranspiration. Hydrological Sciences Journal, 2021, 66, 1638-1652.	1.2	11
5	Development and Application of Water and Land Resources Degradation Index (WLDI). Earth, 2021, 2, 515-531.	0.9	7
6	A GIS-Cellular Automata-Based Model for Coupling Urban Sprawl and Flood Susceptibility Assessment. Hydrology, 2021, 8, 159.	1.3	7
7	Development and application of energy decoupling index as Cartesian Vector: evidence from world-wide regional data. IOP Conference Series: Earth and Environmental Science, 2021, 899, 012027.	0.2	1
8	A desertification risk assessment decision support tool (DRAST). Catena, 2020, 187, 104413.	2.2	13
9	Drought Characteristics Assessment in Europe over the Past 50ÂYears. Water Resources Management, 2020, 34, 4757-4772.	1.9	31
10	Resilienceâ€“Vulnerability Analysis: A Decision-Making Framework for Systems Assessment. Sustainability, 2020, 12, 9306.	1.6	8
11	Water, Sanitation and Hygiene (WASH) Index: Development and Application to Measure WASH Service Levels in European Humanitarian Camps. Water Resources Management, 2020, 34, 2449-2470.	1.9	17
12	Assessment of the Vulnerability to Drought and Desertification Characteristics Using the Standardized Drought Vulnerability Index (SDVI) and the Environmentally Sensitive Areas Index (ESAI). Resources, 2019, 8, 6.	1.6	21
13	Assessing structural uncertainty caused by different weighting methods on the Standardized Drought Vulnerability Index (SDVI). Stochastic Environmental Research and Risk Assessment, 2019, 33, 515-533.	1.9	21
14	Enhancing the standardized drought vulnerability index by integrating spatiotemporal information from satellite and in situ data. Journal of Hydrology, 2019, 569, 265-277.	2.3	29
15	Linking drought characteristics to impacts on a spatial and temporal scale. Water Policy, 2014, 16, 1172-1197.	0.7	32
16	Development of the standardised precipitation index for Greece. Urban Water Journal, 2012, 9, 401-417.	1.0	26
17	Application of the Standardized Precipitation Index (SPI) in Greece. Water (Switzerland), 2011, 3, 787-805.	1.2	124