

Demetrios E Tsesmelis

List of Publications by Year in descending order

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17
papers

397
citations

840585

11
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

332
citing authors

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