Regional Drought Assessment Based on the Reconnaiss

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Groundwater Resource Index (GRI) for drought monitoring and forecasting in a mediterranean climate. Journal of Hydrology, 2008, 357, 282-302.	2.3	144
2	Assessment of Hydrological Drought Revisited. Water Resources Management, 2009, 23, 881-897.	1.9	578
3	Water Resources Management and Planning under Uncertainty: an Inexact Multistage Joint-Probabilistic Programming Method. Water Resources Management, 2009, 23, 2515-2538.	1.9	57
5	Drought impacts on karstic spring annual water potential. Application on Almyros (Crete) brackish spring. Desalination and Water Treatment, 2010, 16, 229-237.	1.0	41
6	Probabilistic analysis of extreme regional meteorological droughts by L-moments in a semi-arid environment. Theoretical and Applied Climatology, 2010, 102, 351-366.	1.3	22
7	Drought Analysis in the Awash River Basin, Ethiopia. Water Resources Management, 2010, 24, 1441-1460.	1.9	260
8	The Combined Effect of Vegetation and Soil Erosion in the Water Resource Management. Water Resources Management, 2010, 24, 3701-3714.	1.9	33
9	Temporal Variability of Annual Rainfall in the Macta and Tafna Catchments, Northwestern Algeria. Water Resources Management, 2010, 24, 3817-3833.	1.9	100
10	Integrating Hydro-Meteorological and Physiographic Factors for Assessment of Vulnerability to Drought. Water Resources Management, 2010, 24, 4199-4217.	1.9	73
11	Utilization of Time-Based Meteorological Droughts to Investigate Occurrence of Streamflow Droughts. Water Resources Management, 2010, 24, 4287-4306.	1.9	42
12	Modelling the Effects of Groundwater-Based Urban Supply in Low-Permeability Aquifers: Application to the Madrid Aquifer, Spain. Water Resources Management, 2010, 24, 4613-4638.	1.9	16
13	A Multiscalar Drought Index Sensitive to Global Warming: The Standardized Precipitation Evapotranspiration Index. Journal of Climate, 2010, 23, 1696-1718.	1.2	5,467
14	Regional Bivariate Frequency Analysis of Meteorological Droughts. Journal of Hydrologic Engineering - ASCE, 2010, 15, 985-1000.	0.8	74
15	Characteristics of Australian droughts under enhanced greenhouse conditions: Results from 14 global climate models. Journal of Arid Environments, 2011, 75, 566-575.	1.2	97
16	Application of L-moment for evaluating drought indices of cumulative precipitation deficit (CPD) and maximum precipitation deficit (MPD) based on regional frequency analysis. International Journal of Hydrology Science and Technology, 2011, 1, 88.	0.2	2
17	An Application of GPCC and NCEP/NCAR Datasets for Drought Variability Analysis in Iran. Water Resources Management, 2011, 25, 1075-1086.	1.9	67
18	A Water Balance Derived Drought Index for Pinios River Basin, Greece. Water Resources Management, 2011, 25, 1087-1101.	1.9	120
19	An Approach for Probabilistic Hydrological Drought Forecasting. Water Resources Management, 2011, 25, 191-200.	1.9	18

#	ARTICLE	IF	CITATIONS
20	Drought Severity Assessment Based on Bivariate Probability Analysis. Water Resources Management, 2011, 25, 357-371.	1.9	56
21	Comparability Analyses of the SPI and RDI Meteorological Drought Indices in Different Climatic Zones. Water Resources Management, 2011, 25, 1737-1757.	1.9	115
22	A Simple Rationally Integrated Drought Indicator for Riceâ€"Wheat Productivity. Water Resources Management, 2011, 25, 2425-2447.	1.9	7
23	Drought Monitoring by Reconnaissance Drought Index (RDI) in Iran. Water Resources Management, 2011, 25, 3485-3504.	1.9	129
24	Regional Frequency Analysis of Droughts in Portugal. Water Resources Management, 2011, 25, 3537-3558.	1.9	102
25	Temporal Regionalization of 7-Day Low Flows in the St. Lawrence Watershed in Quebec (Canada). Water Resources Management, 2011, 25, 3559-3574.	1.9	23
26	The survey of climatic drought trend in Iran. Stochastic Environmental Research and Risk Assessment, 2011, 25, 851-863.	1.9	60
27	Assessment on agricultural drought risk based on variable fuzzy sets model. Chinese Geographical Science, 2011, 21, 167-175.	1.2	49
28	Assessment of rainfall and potential evaporation from global climate models and its implications for Australian regional drought projection. International Journal of Climatology, 2011, 31, 1295-1308.	1.5	23
29	Regionalization of low flows based on Canonical Correlation Analysis. Advances in Water Resources, 2011, 34, 865-872.	1.7	47
30	Temporal and spatial characteristics of precipitation and droughts in the upper reaches of the Yangtze river basin (China) in recent five decades. Journal of Hydroinformatics, 2012, 14, 221-235.	1.1	9
31	Modeling Drought Option Contracts. ISRN Applied Mathematics, 2012, 2012, 1-16.	0.5	4
32	Climate trends and behaviour of drought indices based on precipitation and evapotranspiration in Portugal. Natural Hazards and Earth System Sciences, 2012, 12, 1481-1491.	1.5	206
33	Risk Assessment of Droughts in Gujarat Using Bivariate Copulas. Water Resources Management, 2012, 26, 3301-3327.	1.9	92
34	The Impact of Extreme Low Flows on the Water Quality of the Lower Murray River and Lakes (South) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	99
35	An Integration of Statistics Temporal Methods to Track the Effect of Drought in a Shallow Mediterranean Lake. Water Resources Management, 2012, 26, 4587-4605.	1.9	44
36	Development of the standardised precipitation index for Greece. Urban Water Journal, 2012, 9, 401-417.	1.0	26
37	Drought and climatic change impact on streamflow in small watersheds. Science of the Total Environment, 2012, 440, 33-41.	3.9	109

#	ARTICLE	IF	CITATIONS
38	Application of L-Moments for Regional Frequency Analysis of Monthly Drought Indexes. Journal of Hydrologic Engineering - ASCE, 2012, 17, 32-42.	0.8	21
39	Assessment of remotely sensed drought features in vulnerable agriculture. Natural Hazards and Earth System Sciences, 2012, 12, 3139-3150.	1.5	31
40	The Role of Evapotranspiration in the Framework of Water Resource Management and Planning Under Shortage Conditions. , 2012, , .		1
41	Drought Assessment in a Changing Climate. , 2012, , .		2
42	Impact of heat and drought stress on arable crop production in Belgium. Natural Hazards and Earth System Sciences, 2012, 12, 1911-1922.	1.5	54
43	Geoinformatic Intelligence Methodologies for Drought Spatiotemporal Variability in Greece. Water Resources Management, 2012, 26, 1089-1106.	1.9	7
44	Drought Management Plans in the European Union. The Case of Spain. Water Resources Management, 2012, 26, 1537-1553.	1.9	109
45	Computation of Drought Index SPI with Alternative Distribution Functions. Water Resources Management, 2012, 26, 2453-2473.	1.9	163
46	Hydro-Climatological Drought Analyses and Projections Using Meteorological and Hydrological Drought Indices: A Case Study in Blue River Basin, Oklahoma. Water Resources Management, 2012, 26, 2761-2779.	1.9	88
47	Characteristics of snow cover in the Hindukush, Karakoram and Himalaya region using Landsat satellite data. Hydrological Processes, 2012, 26, 3689-3698.	1.1	19
48	Development of a Demand Driven Hydro-climatic Model for Drought Planning. Water Resources Management, 2012, 26, 329-357.	1.9	21
49	Developing a new method for spatial assessment of drought vulnerability (case study:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Journal, 2013, 27, 50-57.	1.0	15
50	Managing drought risk in water supply systems in Europe: a review. International Journal of Water Resources Development, 2013, 29, 272-289.	1.2	54
51	Factors Influencing Markov Chains Predictability Characteristics, Utilizing SPI, RDI, EDI and SPEI Drought Indices in Different Climatic Zones. Water Resources Management, 2013, 27, 3911-3928.	1.9	76
52	Spatial variability analysis of reference evapotranspiration in Iran utilizing fine resolution gridded datasets. Agricultural Water Management, 2013, 126, 104-118.	2.4	44
53	A System-based Paradigm of Drought Analysis for Operational Management. Water Resources Management, 2013, 27, 5281-5297.	1.9	112
54	The effect of PET method on Reconnaissance Drought Index (RDI) calculation. Journal of Arid Environments, 2013, 88, 130-140.	1.2	144
55	Evaluating climate change induced water stress: A case study of the Lower Cape Fear basin, NC. Applied Geography, 2013, 40, 115-128.	1.7	22

#	ARTICLE	IF	CITATIONS
56	Vulnerability to Drought of a Complex Water Supply System. The Upper Tiber Basin Case Study (Central) Tj ETQq0 0 0 rgBT /Overlock 10	1.9	19
57	Using drought indices to assess climate change impacts on drought conditions in the northeast of Iran (case study: Kashafrood basin). Meteorological Applications, 2013, 20, 115-127.	0.9	53
58	A Remotely Sensed Global Terrestrial Drought Severity Index. Bulletin of the American Meteorological Society, 2013, 94, 83-98.	1.7	351
59	Dynamics of meteorological and hydrological droughts in the Neman river basin. Environmental Research Letters, 2013, 8, 045014.	2.2	39
60	Sensitivity of Surface Runoff to Drought and Climate Change: Application for Shared River Basins. Water (Switzerland), 2014, 6, 3033-3048.	1.2	31
61	Development of streamflow drought severity–duration–frequency curves using the threshold level method. Hydrology and Earth System Sciences, 2014, 18, 3341-3351.	1.9	70
62	Karstic spring water quality: the effect of groundwater abstraction from the recharge area. Desalination and Water Treatment, 2014, 52, 2494-2501.	1.0	15
63	World drought frequency, duration, and severity for 1951-2010. International Journal of Climatology, 2014, 34, 2792-2804.	1.5	500
64	Drought events at different timescales in southern Italy (Calabria). Journal of Maps, 2014, 10, 529-537.	1.0	27
65	Probabilistic analysis of extreme droughts in Southern Maharashtra using bivariate copulas. ISH Journal of Hydraulic Engineering, 2014, 20, 90-101.	1.1	2
66	Spatial–temporal variations of spring drought based on spring-composite index values for the Songnen Plain, Northeast China. Theoretical and Applied Climatology, 2014, 116, 371-384.	1.3	65
67	Analysis of drought in the region of Abruzzo (Central Italy) by the Standardized Precipitation Index. Theoretical and Applied Climatology, 2014, 115, 41-52.	1.3	40
68	Uncertainty-Driven Characterization of Climate Change Effects on Drought Frequency Using Enhanced SPI. Water Resources Management, 2014, 28, 15-40.	1.9	15
69	Nutrient mitigation in a temporary river basin. Environmental Monitoring and Assessment, 2014, 186, 2243-2257.	1.3	10
70	Trend Detection of Drought in Arid and Semi-Arid Regions of Iran Based on Implementation of Reconnaissance Drought Index (RDI) and Application of Non-Parametrical Statistical Method. Water Resources Management, 2014, 28, 1857-1872.	1.9	54
71	Toward Mapping Gridded Drought Indices to Evaluate Local Drought in a Rapidly Changing Global Environment. Water Resources Management, 2014, 28, 3859-3869.	1.9	14
72	Drought assessment and uncertainty analysis for Dapoling basin. Natural Hazards, 2014, 74, 1613-1627.	1.6	14
73	Drought Characterisation Based on Water Surplus Variability Index. Water Resources Management, 2014, 28, 3179-3191.	1.9	36

#	Article	IF	Citations
74	Potential Effects of Forest Fires on Streamflow in the Enipeas River Basin, Thessaly, Greece. Environmental Processes, 2014, 1, 73-85.	1.7	35
75	Quantitative assessment and prediction of drought under climate change impact in Birjand region, Iran. International Journal of Hydrology Science and Technology, 2014, 4, 245.	0.2	0
76	Assessing droughts using meteorological drought indices in Victoria, Australia. Hydrology Research, 2015, 46, 463-476.	1.1	40
77	Remote sensing of drought: Progress, challenges and opportunities. Reviews of Geophysics, 2015, 53, 452-480.	9.0	605
78	Uncertainty analysis of <scp>SPI</scp> calculation and drought assessment based on the application of Bootstrap. International Journal of Climatology, 2015, 35, 1847-1857.	1.5	30
79	Review and classification of indicators of green water availability and scarcity. Hydrology and Earth System Sciences, 2015, 19, 4581-4608.	1.9	106
80	Spatial Patterns and Temporal Variability of Drought in Beijing-Tianjin-Hebei Metropolitan Areas in China. Advances in Meteorology, 2015, 2015, 1-14.	0.6	16
81	Drought severity–duration–frequency curves: a foundation for risk assessment and planning tool for ecosystem establishment in post-mining landscapes. Hydrology and Earth System Sciences, 2015, 19, 1069-1091.	1.9	61
82	Temporal-Spatial Variation of Drought Indicated by SPI and SPEI in Ningxia Hui Autonomous Region, China. Atmosphere, 2015, 6, 1399-1421.	1.0	169
83	Responses of Natural Vegetation to Different Stages of Extreme Drought during 2009–2010 in Southwestern China. Remote Sensing, 2015, 7, 14039-14054.	1.8	39
84	Changes and Relationships of Climatic and Hydrological Droughts in the Jialing River Basin, China. PLoS ONE, 2015, 10, e0141648.	1.1	25
85	Drought Mitigation Ability Index and Application Based on Balance between Water Supply and Demand. Water (Switzerland), 2015, 7, 1792-1807.	1.2	6
86	Overview of the River Basin Management Plans Developed in Greece Under the Context of the Water Framework Directive 2000/60/EC Focusing on the Economic Analysis. Water Resources Management, 2015, 29, 3149-3174.	1.9	16
87	Drought characterization from a multivariate perspective: A review. Journal of Hydrology, 2015, 527, 668-678.	2.3	397
88	Comparison of drought indices for appraisal of drought characteristics in the Ken River Basin. Weather and Climate Extremes, 2015, 8, 1-11.	1.6	188
89	Quantifying Changes in Reconnaissance Drought Index using Equiprobability Transformation Function. Water Resources Management, 2015, 29, 2451-2469.	1.9	14
90	Determination of the most influential weather parameters on reference evapotranspiration by adaptive neuro-fuzzy methodology. Computers and Electronics in Agriculture, 2015, 114, 277-284.	3.7	60
91	Assessment of collective impact of upstream watershed development and basin-wide successive droughts on downstream flow regime: The Lesser Zab transboundary basin. Journal of Hydrology, 2015, 530, 419-430.	2.3	21

#	ARTICLE	IF	CITATIONS
92	Simulation of Karst Springs Discharge in Case of Incomplete Time Series. Water Resources Management, 2015, 29, 1623-1633.	1.9	8
93	Îvaluation of Measures for Combating Water Shortage Based on Beneficial and Constraining Criteria. Water Resources Management, 2015, 29, 505-520.	1.9	13
94	European drought climatologies and trends based on a multi-indicator approach. Global and Planetary Change, 2015, 127, 50-57.	1.6	154
95	Basinwide Comparison of RDI and SPI Within an IWRM Framework. Water Resources Management, 2015, 29, 2011-2026.	1.9	31
96	Monthly and seasonal drought forecasting using statistical neural networks. Environmental Earth Sciences, 2015, 74, 397-412.	1.3	56
97	Regional Frequency Analysis of Droughts in China: A Multivariate Perspective. Water Resources Management, 2015, 29, 1767-1787.	1.9	96
98	Integrating TRMM and MODIS satellite with socio-economic vulnerability for monitoring drought risk over a tropical region of India. Physics and Chemistry of the Earth, 2015, 83-84, 14-27.	1.2	53
99	Appropriateness of Clustered Raingauge Stations for Spatio-Temporal Meteorological Drought Applications. Water Resources Management, 2015, 29, 4157-4171.	1.9	15
100	Variability in dryness and wetness in central Finland and the role of teleconnection patterns. Theoretical and Applied Climatology, 2015, 122, 471-486.	1.3	35
101	Spatio-temporal assessment of vulnerability to drought. Natural Hazards, 2015, 76, 443-469.	1.6	51
102	Early Estimation of Drought Impacts on Rainfed Wheat Yield in Mediterranean Climate. Environmental Processes, 2015, 2, 97-114.	1.7	49
103	Assessment of the Drought Hazard in the Tiber River Basin in Central Italy and a Comparison of New and Commonly Used Meteorological Indicators. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	24
104	Potential of adaptive neuro-fuzzy inference system for evaluation of drought indices. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1993-2002.	1.9	16
105	Drought indices supporting drought management in transboundary watersheds subject to climate alterations. Water Policy, 2015, 17, 865-886.	0.7	22
106	An evaluation of satellite-based drought indices on a regional scale. International Journal of Remote Sensing, 2015, 36, 5593-5612.	1.3	28
107	Spatio-temporal variation of drought in China during 1961â€"2012: A climatic perspective. Journal of Hydrology, 2015, 526, 253-264.	2.3	414
108	Copulas-Based Drought Evolution Characteristics and Risk Evaluation in a Typical Arid and Semi-Arid Region. Water Resources Management, 2015, 29, 1489-1503.	1.9	30
109	Analyses of Drought Events in Calabria (Southern Italy) Using Standardized Precipitation Index. Water Resources Management, 2015, 29, 557-573.	1.9	70

#	ARTICLE	IF	CITATIONS
110	Contribution of precipitation and reference evapotranspiration to drought indices under different climates. Journal of Hydrology, 2015, 526, 42-54.	2.3	245
111	SPI-Based Probabilistic Analysis of Drought Areal Extent in Sicily. Water Resources Management, 2015, 29, 459-470.	1.9	30
112	DrinC: a software for drought analysis based on drought indices. Earth Science Informatics, 2015, 8, 697-709.	1.6	207
113	Water Surplus Variability Index as an Indicator of Drought. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	16
115	Preface: Advances in meteorological hazards and extreme events. Natural Hazards and Earth System Sciences, 2016, 16, 1259-1268.	1.5	3
116	Standardized Water Budget Index and Validation in Drought Estimation of Haihe River Basin, North China. Advances in Meteorology, 2016, 2016, 1-10.	0.6	5
117	An Analysis of the Occurrence Probabilities of Wet and Dry Periods through a Stochastic Monthly Rainfall Model. Water (Switzerland), 2016, 8, 39.	1.2	19
118	Enhanced Methane Emissions during Amazonian Drought by Biomass Burning. PLoS ONE, 2016, 11, e0166039.	1.1	6
119	Multivariate Drought Assessment Considering the Antecedent Drought Conditions. Water Resources Management, 2016, 30, 4221-4231.	1.9	11
121	Introducing a Modified Reconnaissance Drought Index (RDIe) Incorporating Effective Precipitation. Procedia Engineering, 2016, 162, 332-339.	1.2	35
122	Analysing Drought Severity and Areal Extent by 2D Archimedean Copulas. Water Resources Management, 2016, 30, 5723-5735.	1.9	40
123	Drought Forecasting Using Neural Networks, Wavelet Neural Networks, and Stochastic Models: Case of the Algerois Basin in North Algeria. Water Resources Management, 2016, 30, 2445-2464.	1.9	81
124	Assessing ecological vulnerability in western China based on Time-Integrated NDVI data. Journal of Arid Land, 2016, 8, 533-545.	0.9	28
125	Irrigation Efficiency Improvement for Sustainable Agriculture in Changing Climate: A Transboundary Watershed Between Iraq and Iran. Environmental Processes, 2016, 3, 603-616.	1.7	29
126	A comparative analysis of four drought indices using geospatial data in Gujarat, India. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	12
127	Impacts of Multi-year Droughts and Upstream Human-Induced Activities on the Development of a Semi-arid Transboundary Basin. Water Resources Management, 2016, 30, 5131-5143.	1.9	18
128	Reconnaissance Drought Index Based Evaluation of Meteorological Drought Characteristics in Bundelkhand. Procedia Technology, 2016, 24, 23-30.	1.1	30
129	Parametric and Non-Parametric Trend of Drought in Arid and Semi-Arid Regions Using RDI Index. Water Resources Management, 2016, 30, 5479-5500.	1.9	31

#	ARTICLE	IF	CITATIONS
130	Recent Climate Trends and Drought Behavioral Assessment Based on Precipitation and Temperature Data Series in the Songhua River Basin of China. Water Resources Management, 2016, 30, 4839-4859.	1.9	26
131	Photosynthesis, stomatal conductance and terpene emission response to water availability in dry and mesic Mediterranean forests. Trees - Structure and Function, 2016, 30, 749-759.	0.9	38
132	Analysis of Spatio-temporal Characteristics and Regional Frequency of Droughts in the Southern Peninsula of India. Water Resources Management, 2016, 30, 3879-3898.	1.9	16
133	Modelling of Meteo-Droughts. Water Resources Management, 2016, 30, 3229-3246.	1.9	3
134	Analysis of Changes in Spatial Pattern of Drought Using RDI Index in south of Iran. Water Resources Management, 2016, 30, 3723-3743.	1.9	50
135	Meteorological drought in Bangladesh: assessing, analysing and hazard mapping using SPI, GIS and monthly rainfall data. Environmental Earth Sciences, 2016, 75, 1.	1.3	80
136	Water Management in the Mediterranean Region: Concepts and Policies. Water Resources Management, 2016, 30, 5779-5797.	1.9	24
137	Mapping of drought for Sperchios River basin in central Greece. Hydrological Sciences Journal, 2016, , 1-11.	1.2	8
138	Spatio-temporal variation of hydrological drought under climate change during the period 1960â€"2013 in the Hexi Corridor, China. Journal of Arid Land, 2016, 8, 157-171.	0.9	27
139	Hydrological response characteristics of Mediterranean catchments at different time scales: a meta-analysis. Hydrological Sciences Journal, 2016, 61, 2520-2539.	1.2	70
140	Hydrological Drought Class Transition Using SPI and SRI Time Series by Loglinear Regression. Water Resources Management, 2016, 30, 669-684.	1.9	48
141	Drought Forecasting using Markov Chain Model and Artificial Neural Networks. Water Resources Management, 2016, 30, 2245-2259.	1.9	57
142	Spatio-temporal characteristics of precipitation and dryness/wetness in Yangtze River Delta, eastern China, during 1960â€"2012. Atmospheric Research, 2016, 172-173, 196-205.	1.8	79
143	Drought prediction in Apalachicolaâ€"Chattahoocheeâ€"Flint River Basin using a semi-Markov model. Natural Hazards, 2016, 82, 267-297.	1.6	7
144	Clustering Quantile Regression-Based Drought Trends in Taiwan. Water Resources Management, 2016, 30, 1053-1069.	1.9	21
145	Introducing an operational method to forecast long-term regional drought based on the application of artificial intelligence capabilities. Theoretical and Applied Climatology, 2017, 127, 361-380.	1.3	28
146	Assessment of PDI, MPDI and TVDI drought indices derived from MODIS Aqua/Terra Level 1B data in natural lands. Natural Hazards, 2017, 86, 757-777.	1.6	29
147	A Monte Carlo Simulation-Based Approach to Evaluate the Performance of three Meteorological Drought Indices in Northwest of Iran. Water Resources Management, 2017, 31, 1323-1342.	1.9	11

#	Article	IF	Citations
148	Identification of the influencing factors on groundwater drought and depletion in north-western Bangladesh. Hydrogeology Journal, 2017, 25, 1357-1375.	0.9	43
149	A new drought index that considers the joint effects of climate and land surface change. Water Resources Research, 2017, 53, 3262-3278.	1.7	60
150	Meteorological drought analysis in northern Iraq using SPI and GIS. Sustainable Water Resources Management, 2017, 3, 451-463.	1.0	42
151	Exposure to Drought: Duration, Severity and Intensity (Java, Bali and Nusa Tenggara). IOP Conference Series: Earth and Environmental Science, 2017, 58, 012040.	0.2	16
152	The reconnaissance drought index: A method for detecting regional arid climatic variability and potential drought risk. Journal of Arid Environments, 2017, 144, 181-191.	1.2	30
153	Evaluation of dynamic regression and artificial neural networks models for real-time hydrological drought forecasting. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	16
154	Spatial comparability of drought characteristics and related return periods in mainland China over 1961â€"2013. Journal of Hydrology, 2017, 550, 549-567.	2.3	137
155	Drought Risk Assessment and Management. Water Resources Management, 2017, 31, 3083-3095.	1.9	50
156	Determining the causes for the dramatic recent fall of Lake Prespa (southwest Balkans). Hydrological Sciences Journal, 2017, 62, 1131-1148.	1.2	11
157	Robust Method to Quantify the Risk of Shortage for Water Supply Systems. Journal of Hydrologic Engineering - ASCE, 2017, 22, .	0.8	9
158	Projected Changes of Future Extreme Drought Events under Numerous Drought Indices in the Heilongjiang Province of China. Water Resources Management, 2017, 31, 3921-3937.	1.9	30
159	Non Stationary Analysis of Extreme Events. Water Resources Management, 2017, 31, 3097-3110.	1.9	22
160	An Enhanced Effective Reconnaissance Drought Index for the Characterisation of Agricultural Drought. Environmental Processes, 2017, 4, 137-148.	1.7	43
161	Meteorological and hydrological drought analysis of the Seyhanâˆ¼Ceyhan River Basins, Turkey. Meteorological Applications, 2017, 24, 62-73.	0.9	77
162	Climate change and water resources management of Oran region. Journal of Water and Climate Change, 2017, 8, 348-361.	1.2	2
163	Drought analysis in New Zealand using the standardized precipitation index. Environmental Earth Sciences, 2017, 76, 1.	1.3	24
164	Drought assessment and monitoring using meteorological indices in a semi-arid region. Energy Procedia, 2017, 119, 518-529.	1.8	44
165	Effect of Air Temperature on Historical Trend of Long-Term Droughts in Different Climates of Iran. Water Resources Management, 2017, 31, 4683-4698.	1.9	44

#	ARTICLE	IF	CITATIONS
166	Long-term spatio-temporal drought variability in Turkey. Journal of Hydrology, 2017, 552, 779-792.	2.3	93
167	Multivariate assessment and attribution of droughts in Central Asia. Scientific Reports, 2017, 7, 1316.	1.6	122
168	Capability of meteorological drought indices for detecting soil moisture droughts. Journal of Hydrology: Regional Studies, 2017, 12, 396-412.	1.0	34
169	Characterization of future drought conditions in the Lower Mekong River Basin. Weather and Climate Extremes, 2017, 17, 47-58.	1.6	132
170	An Assessment of Climate Change Impacts on Future Water Availability and Droughts in the Kentucky River Basin. Environmental Processes, 2017, 4, 477-507.	1.7	35
171	The Effect of Temperature Adjustment on Reference Evapotranspiration and Reconnaissance Drought Index (RDI) in Iran. Water Resources Management, 2017, 31, 5001-5017.	1.9	8
172	Integrated meteorological and hydrological drought model: A management tool for proactive water resources planning of semi-arid regions. Advances in Water Resources, 2017, 107, 336-353.	1.7	48
173	Combined deficit irrigation and soil fertility management on different soil textures to improve wheat yield in drought-prone Bangladesh. Agricultural Water Management, 2017, 191, 124-137.	2.4	37
174	Multi-Sensor Remote Sensing of Drought from Space. Springer Remote Sensing/photogrammetry, 2017, , 219-247.	0.4	2
175	Monitoring Drought in Brazil by Remote Sensing. Springer Remote Sensing/photogrammetry, 2017, , 197-218.	0.4	4
176	Assessment of drought impacts on semi-arid coastal aquifers ofÂtheÂMediterranean. Journal of Arid Environments, 2017, 137, 7-15.	1.2	25
177	Evaluation and Assessment of Meteorological Drought by Different Methods in Trarza Region, Mauritania. Water Resources Management, 2017, 31, 825-845.	1.9	39
178	Spatial-Temporal Simulation of LAI on Basis of Rainfall and Growing Degree Days. Remote Sensing, 2017, 9, 1207.	1.8	3
179	Exploration of Use of Copulas in Analysing the Relationship between Precipitation and Meteorological Drought in Beijing, China. Advances in Meteorology, 2017, 2017, 1-11.	0.6	15
180	Climate Change Impact on Monthly Precipitation Wet and Dry Spells in Arid Regions: Case Study over Wadi Al-Lith Basin. Advances in Meteorology, 2017, 2017, 1-13.	0.6	12
181	Drought Assessment and Projection under Climate Change: A Case Study in the Middle and Lower Jinsha River Basin. Advances in Meteorology, 2017, 2017, 1-16.	0.6	12
182	The response of drought in Beiluo River Basin of China based on the comprehensive method of Pa, SPI and fuzzy. IOP Conference Series: Earth and Environmental Science, 2017, 82, 012062.	0.2	2
183	The predictability of reported drought events and impacts in the Ebro Basin using six different remote sensing data sets. Hydrology and Earth System Sciences, 2017, 21, 4747-4765.	1.9	10

#	ARTICLE	IF	CITATIONS
184	A Non-Stationary Reconnaissance Drought Index (NRDI) for Drought Monitoring in a Changing Climate. Water Resources Management, 2018, 32, 2611-2624.	1.9	30
185	Climate Change and Drought: a Perspective on Drought Indices. Current Climate Change Reports, 2018, 4, 145-163.	2.8	381
186	Drought Detection of Regional Nonparametric Standardized Groundwater Index. Water Resources Management, 2018, 32, 3119-3134.	1.9	10
187	Peat Î´13Ccelluose-recorded wetting trend during the past 8000â€ years in the southern Altai Mountains, northern Xinjiang, NW China. Journal of Asian Earth Sciences, 2018, 156, 174-179.	1.0	38
188	Multivariate Frequency Analysis of Meteorological Drought Using Copula. Water Resources Management, 2018, 32, 1741-1758.	1.9	29
189	Streamflow and Hydrological Drought Trend Analysis and Forecasting in Cyprus. Water Resources Management, 2018, 32, 1759-1776.	1.9	89
190	Tracing climate-driven water level fluctuations of Lake Prespa (Greece) to lacustrine beach ridge sediments: a modern case study to facilitate past lake level reconstruction. Journal of Paleolimnology, 2018, 60, 31-50.	0.8	1
191	Spatiotemporal drought assessment of a semi-arid part of middle Tapi River Basin, India. International Journal of Disaster Risk Reduction, 2018, 28, 414-426.	1.8	21
192	Water system characteristics of Karst river basins in South China and their driving mechanisms of hydrological drought. Natural Hazards, 2018, 92, 1155-1178.	1.6	14
193	Testing a new application for TOPSIS: monitoring drought and wet periods in Iran. Theoretical and Applied Climatology, 2018, 131, 557-571.	1.3	7
194	Detecting the persistence of drying trends under changing climate conditions using four meteorological drought indices. Meteorological Applications, 2018, 25, 184-194.	0.9	28
195	Temporalâ€"spatial evolution of the hydrologic drought characteristics of the karst drainage basins in South China. International Journal of Applied Earth Observation and Geoinformation, 2018, 64, 22-30.	1.4	19
196	Will drought events become more frequent and severe in Europe?. International Journal of Climatology, 2018, 38, 1718-1736.	1.5	553
197	Spatial and temporal analysis of drought variability at several time scales in Syria during 1961â€"2012. Atmospheric Research, 2018, 200, 153-168.	1.8	99
198	Evaluation of Drought Severity with a Bayesian Network Analysis of Multiple Drought Indices. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	1.3	22
199	Spatial and Time Variability of Drought Based on SPI and RDI with Various Time Scales. Water Resources Management, 2018, 32, 1087-1100.	1.9	41
200	Comparing SPI and RDI Applied at Local Scale as Influenced by Climate. Water Resources Management, 2018, 32, 1071-1085.	1.9	35
201	Assessment of drought and its uncertainty in a southern Italy area (Calabria region). Measurement: Journal of the International Measurement Confederation, 2018, 113, 205-210.	2.5	30

#	ARTICLE	IF	CITATIONS
202	Drought Analysis in the Yellow River Basin Based on a Short-Scalar Palmer Drought Severity Index. Water (Switzerland), 2018, 10, 1526.	1.2	26
203	Water scarcity management: part 2: satellite-based composite drought analysis. International Journal of Global Environmental Issues, 2018, 17, 262.	0.1	10
204	Spatial variability of SPI and RDI_{st} drought indices applied to intense episodes of drought occurred in Rio de Janeiro State, Brazil. International Journal of Climatology, 2018, 38, 3896-3916.	1.5	30
205	The Construction and Comparison of Regional Drought Severity-Duration-Frequency Curves in Two Colombian River Basinsâ€"Study of the Sumapaz and Lebrija Basins. Water (Switzerland), 2018, 10, 1453.	1.2	8
206	Monitoring of meteorological and hydrological droughts in the Vistula basin (Poland). Environmental Monitoring and Assessment, 2018, 190, 691.	1.3	51
207	Comparison of ten notable meteorological drought indices on tracking the effect of drought on streamflow. Hydrological Sciences Journal, 2018, 63, 2005-2019.	1.2	26
208	Hybrid Fuzzyâ€"Probabilistic Analysis and Classification of the Hydrological Drought. Proceedings (mdpi), 2018, 2, .	0.2	3
209	Prediction of drought-induced reduction of agricultural productivity in Chile from MODIS, rainfall estimates, and climate oscillation indices. Remote Sensing of Environment, 2018, 219, 15-30.	4.6	64
210	A Proposal to Evaluate Drought Characteristics Using Multiple Climate Models for Multiple Timescales. Climate, 2018, 6, 79.	1.2	4
211	Variations in Moisture Supply from the Mediterranean Sea during Meteorological Drought Episodes over Central Europe. Atmosphere, 2018, 9, 278.	1.0	15
212	Assessment of drought risk index using drought hazard and vulnerability indices. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	48
213	Meteorological and Hydrological Drought on the Loess Plateau, China: Evolutionary Characteristics, Impact, and Propagation. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,569.	1.2	85
214	Drought Analysis in Europe and in the Mediterranean Basin Using the Standardized Precipitation Index. Water (Switzerland), 2018, 10, 1043.	1.2	83
215	Drought hazard, vulnerability, and risk assessment in Turkey. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	43
216	Trend and Variability in Droughts in Northeast China Based on the Reconnaissance Drought Index. Water (Switzerland), 2018, 10, 318.	1.2	27
217	Global Warming and its Implications on Meteorological and Hydrological Drought in the Southeastern Mediterranean. Environmental Processes, 2018, 5, 329-348.	1.7	15
218	Temporal-Spatial Characteristics of Drought in Guizhou Province, China, Based on Multiple Drought Indices and Historical Disaster Records. Advances in Meteorology, 2018, 2018, 1-22.	0.6	15
219	Shrub type dominates the vertical distribution of leaf Câ€:â€Nâ€:â€P stoichiometry across an extensive altitudinal gradient. Biogeosciences, 2018, 15, 2033-2053.	1.3	24

#	ARTICLE	IF	CITATIONS
220	SPI Trend Analysis of New Zealand Applying the ITA Technique. Geosciences (Switzerland), 2018, 8, 101.	1.0	43
221	Climate change: assessment and monitoring of meteorological and hydrological drought of Wadi El Hammam Basin (NW- Algeria). Journal of Fundamental and Applied Sciences, 2018, 8, 1037.	0.2	4
222	Assessment of Meteorological Drought Indices in Korea Using RCP 8.5 Scenario. Water (Switzerland), 2018, 10, 283.	1.2	25
223	Occurrence Probabilities of Wet and Dry Periods in Southern Italy through the SPI Evaluated on Synthetic Monthly Precipitation Series. Water (Switzerland), 2018, 10, 336.	1.2	11
224	Assessing a Multivariate Approach Based on Scalogram Analysis for Agricultural Drought Monitoring. Water Resources Management, 2018, 32, 3423-3440.	1.9	6
225	Holocene climate variations in the Altai Mountains and the surrounding areas: A synthesis of pollen records. Earth-Science Reviews, 2018, 185, 847-869.	4.0	106
226	The spatial–temporal variation of dry and wet periods in Iran based on comparing SPI and RDI indices. Stochastic Environmental Research and Risk Assessment, 2018, 32, 2771-2785.	1.9	12
227	Seasonal and diurnal variations of plant isoprenoid emissions from two dominant species in Mediterranean shrubland and forest submitted to experimental drought. Atmospheric Environment, 2018, 191, 105-115.	1.9	22
228	A copula-based joint meteorological–hydrological drought index in a humid region (Kasilian basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	13
229	Trend analysis of evapotranspiration applying parametric and non-parametric techniques (case study:) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	5
230	Assessment of drought hazard, exposure, vulnerability, and risk for rice cultivation in the Mun River Basin in Thailand. Natural Hazards, 2019, 97, 891-911.	1.6	31
231	An Investigation into the Spatial and Temporal Variability of the Meteorological Drought in Jordan. Climate, 2019, 7, 82.	1.2	23
232	Assessment of global drought propensity and its impacts on agricultural water use in future climate scenarios. Agricultural and Forest Meteorology, 2019, 278, 107623.	1.9	42
233	Agent-based socio-hydrological modeling for restoration of Urmia Lake: Application of theory of planned behavior. Journal of Hydrology, 2019, 576, 736-748.	2.3	57
234	Modified Palmer Drought Severity Index: Model improvement and application. Environment International, 2019, 130, 104951.	4.8	72
235	Evaluating the sensitivity of precipitation-based drought indices to different lengths of record. Journal of Hydrology, 2019, 579, 124181.	2.3	27
236	Drought Risk under Climate and Land Use Changes: Implication to Water Resource Availability at Catchment Scale. Water (Switzerland), 2019, 11, 1790.	1.2	21
237	Quantile Regression Based Methods for Investigating Rainfall Trends Associated with Flooding and Drought Conditions. Water Resources Management, 2019, 33, 4249-4264.	1.9	14

#	ARTICLE	IF	CITATIONS
238	Mapping the Spatial-Temporal Dynamics of Vegetation Response Lag to Drought in a Semi-Arid Region. Remote Sensing, 2019, 11, 1873.	1.8	33
239	Drought Management Planning Policy: From Europe to Spain. Sustainability, 2019, 11, 1862.	1.6	32
240	Comparative analyses of SPI and SPEI as drought assessment tools in Tigray Region, Northern Ethiopia. SN Applied Sciences, 2019, 1, 1.	1.5	44
241	Appraising regional multi-category and multi-scalar drought monitoring using standardized moisture anomaly index (SZI): A water-energy balance approach. Journal of Hydrology, 2019, 579, 124139.	2.3	29
242	Copula-based frequency analysis of drought with identified characteristics in space and time: a case study in Huai River basin, China. Theoretical and Applied Climatology, 2019, 137, 2865-2875.	1.3	11
243	Analysis of Drought from Humid, Semi-Arid and Arid Regions of India Using DrinC Model with Different Drought Indices. Water Resources Management, 2019, 33, 1521-1540.	1.9	37
244	Drought indices and indicators revisited. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	106
245	Drought in Portugal: Current regime, comparison of indices and impacts on extreme wildfires. Science of the Total Environment, 2019, 685, 150-173.	3.9	56
246	Geostatistical analysis of precipitation in the island of Crete (Greece) based on a sparse monitoring network. Environmental Monitoring and Assessment, 2019, 191, 353.	1.3	25
247	Assessing future drought conditions under a changing climate: a case study of the Lake Urmia basin in Iran. Water Science and Technology: Water Supply, 2019, 19, 1851-1861.	1.0	12
248	Agricultural drought assessment based on multiple soil moisture products. Journal of Arid Environments, 2019, 167, 43-55.	1.2	24
249	Modified version for SPEI to evaluate and modeling the agricultural drought severity. International Journal of Biometeorology, 2019, 63, 911-925.	1.3	44
250	Identification of critical watershed using hydrological model and drought indices: a case study of upper Girna, Maharashtra, India. ISH Journal of Hydraulic Engineering, 2019, , 1-12.	1.1	4
251	Characterising droughts in Central America with uncertain hydro-meteorological data. Theoretical and Applied Climatology, 2019, 137, 2125-2138.	1.3	30
252	A comparative study of precipitation-based drought indices with the aim of selecting the best index for drought monitoring in Iran. Theoretical and Applied Climatology, 2019, 137, 3123-3138.	1.3	44
253	The Integrated Spatial Pattern of Child Mortality during the 2012–2016 Drought in La Guajira, Colombia. Sustainability, 2019, 11, 7190.	1.6	4
254	Effects of drought on vegetative cover changes: Investigating spatiotemporal patterns. , 2019, , 213-222.		13
255	Research Trends of Hydrological Drought: A Systematic Review. Water (Switzerland), 2019, 11, 2252.	1.2	43

#	ARTICLE	IF	CITATIONS
256	Assessing Spatiotemporal Drought Dynamics and Its Related Environmental Issues in the Mekong River Delta. Remote Sensing, 2019, 11, 2742.	1.8	23
257	Assessing regional drought impacts on vegetation and evapotranspiration: a case study in Guanacaste, Costa Rica. Ecological Applications, 2019, 29, e01834.	1.8	24
258	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
259	Remotely Sensed Methodologies for Crop Water Availability and Requirements in Precision Farming of Vulnerable Agriculture. Water Resources Management, 2019, 33, 1499-1519.	1.9	12
260	Reconnaissance Drought Index. , 2019, , 9-31.		1
261	Bivariate copula function-based spatialâ€"temporal characteristics analysis of drought in Anhui Province, China. Meteorology and Atmospheric Physics, 2019, 131, 1341-1355.	0.9	14
262	Drought characterisation based on an agriculture-oriented standardised precipitation index. Theoretical and Applied Climatology, 2019, 135, 1435-1447.	1.3	90
263	The Utility of Land-Surface Model Simulations to Provide Drought Information in a Water Management Context Using Global and Local Forcing Datasets. Water Resources Management, 2020, 34, 2135-2156.	1.9	20
264	An ensemble procedure for pattern recognition of regional drought. International Journal of Climatology, 2020, 40, 94-114.	1.5	5
265	Seasonal drought forecasting in arid regions, using different time series models and RDI index. Journal of Water and Climate Change, 2020, 11, 633-654.	1.2	29
266	Spatiotemporal changes of drought characteristics and their dynamic drivers in Canada. Atmospheric Research, 2020, 232, 104695.	1.8	43
267	A copulaâ€"based index for drought analysis in arid and semiâ€"arid regions of Iran. Natural Resource Modelling, 2020, 33, .	0.8	17
268	Applied multivariate analysis on annual rainfall in the northeast of Algeria. Journal of Water and Climate Change, 2020, 11, 1165-1176.	1.2	15
269	Construction of homogeneous climatic regions by combining cluster analysis and Lâ€"moment approach on the basis of Reconnaissance Drought Index for Pakistan. International Journal of Climatology, 2020, 40, 324-341.	1.5	29
270	Impact of meteorological drought on agriculture in the Tensift watershed of Morocco. Journal of Water and Climate Change, 2020, 11, 1323-1338.	1.2	17
271	Spatial assessment of meteorological drought features over different climate regions in Iran. International Journal of Climatology, 2020, 40, 1864-1884.	1.5	78
272	Drought mitigation: Critical analysis and proposal for a new drought policy with special reference to Gujarat (India). Progress in Disaster Science, 2020, 5, 100049.	1.4	39
273	Investigation of seasonal droughts and related large-scale atmospheric dynamics over the Potwar Plateau of Pakistan. Theoretical and Applied Climatology, 2020, 140, 69-89.	1.3	15

#	ARTICLE	IF	CITATIONS
274	Comparison of Meteorological Drought Indices for Different Climatic Regions of an Indian River Basin. Asia-Pacific Journal of Atmospheric Sciences, 2020, 56, 563-576.	1.3	31
275	Precipitation-temperature variability and drought episodes in northwest Baja California, México. Journal of Hydrology: Regional Studies, 2020, 27, 100653.	1.0	13
276	Drought Characteristics Assessment in Europe over the Past 50ÂYears. Water Resources Management, 2020, 34, 4757-4772.	1.9	31
277	Probabilistic Analysis of Long-Term Climate Drought Using Steady-State Markov Chain Approach. Water Resources Management, 2020, 34, 4703-4724.	1.9	12
278	Hydrological modeling of three rivers under Mediterranean climate in Chile, Greece, and Morocco: study of high flow trends by indicator calculation. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	7
279	Applicability of SPI and RDI for forthcoming drought events: a non-parametric trend and one way ANOVA approach. Journal of Water and Climate Change, 2020, 11, 18-28.	1.2	9
280	A novel spatially weighted accumulative procedure for regional drought monitoring. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 72, 1838194.	0.8	16
281	Ability Assessment of the Stationary and Cyclostationary Time Series Models to Predict Drought Indices. Water Resources Management, 2020, 34, 5009-5029.	1.9	8
282	Meteorological drought risk in the Daqing River Basin, North China: current observations and future projections. Stochastic Environmental Research and Risk Assessment, 2020, 34, 1795-1811.	1.9	4
283	Probabilistic Projections of Hydrological Droughts Through Convectionâ€Permitting Climate Simulations and Multimodel Hydrological Predictions. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032914.	1.2	8
284	Quantifying future drought change and associated uncertainty in southeastern Australia with multiple potential evapotranspiration models. Journal of Hydrology, 2020, 590, 125394.	2.3	25
285	Stochastic time-series models for drought assessment in the Gaza Strip (Palestine). Journal of Water and Climate Change, 2020, 11, 85-114.	1.2	10
286	Assessment of drought with a real-time web-based application for drought management in humid tropical Kerala, India. Environmental Monitoring and Assessment, 2020, 192, 728.	1.3	5
287	Bayesian network based procedure for regional drought monitoring: The Seasonally Combinative Regional Drought Indicator. Journal of Environmental Management, 2020, 276, 111296.	3.8	16
288	Assessment of the potential impacts of climate change on the hydrology at catchment scale: modelling approach including prediction of future drought events using drought indices. Applied Water Science, 2020, 10, 1.	2.8	16
289	Global Characterization of the Varying Responses of the Standardized Precipitation Evapotranspiration Index to Atmospheric Evaporative Demand. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033017.	1.2	35
290	Spatiotemporal characteristics of extreme droughts and their association with sea surface temperature over the Cauvery River basin, India. Natural Hazards, 2020, 104, 2239-2259.	1.6	8
291	Long-Term Variability in Potential Evapotranspiration, Water Availability and Drought under Climate Change Scenarios in the Awash River Basin, Ethiopia. Atmosphere, 2020, 11, 883.	1.0	21

#	ARTICLE	IF	CITATIONS
292	Unravelling Climate and Anthropogenic Forcings on the Evolution of Surface Water Resources in Southern France. Water (Switzerland), 2020, 12, 3581.	1.2	6
293	Standardized precipitation index based dry and wet conditions over a dryland ecosystem of northwestern India. , 2022, 6, 252-264.		8
294	Impact of Climate Change in the Banat Plain, Western Romania, on the Accessibility of Water for Crop Production in Agriculture. Agriculture (Switzerland), 2020, 10, 437.	1.4	11
295	Assessment of drought and wet projections in the humid climatic regions for Pakistan. Stochastic Environmental Research and Risk Assessment, 2020, 34, 2093-2106.	1.9	5
296	Large-Scale Climate Variability Patterns and Drought: A Case of Study in South â€" America. Water Resources Management, 2020, 34, 2061-2079.	1.9	24
297	Implementing Crop Evapotranspiration in RDI for Farm-Level Drought Evaluation and Adaptation under Climate Change Conditions. Water Resources Management, 2020, 34, 4329-4343.	1.9	41
298	Identification of drought events in the major basins of Central Asia based on a combined climatological deviation index from GRACE measurements. Atmospheric Research, 2020, 244, 105105.	1.8	21
299	How do climate and land use changes affect the water cycle? Modelling study including future drought events prediction using reliable drought indices. Irrigation and Drainage, 2020, 69, 806-825.	0.8	4
300	Monitoring and investigating the possibility of forecasting drought in the western part of Iran. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	11
301	Quantifying the Individual Contributions of Climate Change, Dam Construction, and Land Use/Land Cover Change to Hydrological Drought in a Marshy River. Sustainability, 2020, 12, 3777.	1.6	19
302	A review of remote sensing applications for water security: Quantity, quality, and extremes. Journal of Hydrology, 2020, 585, 124826.	2.3	148
303	Assessing the Consistency of Remotely Sensed Multiple Drought Indices for Monitoring Drought Phenomena in Continental China. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5490-5502.	2.7	27
304	Growth Response of Endemic Black Pine Trees to Meteorological Variations and Drought Episodes in a Mediterranean Region. Atmosphere, 2020, 11, 554.	1.0	21
305	Spatial-temporal characteristics of drought detected from meteorological data with high resolution in Shaanxi Province, China. Journal of Arid Land, 2020, 12, 561-579.	0.9	5
306	Modeling Short Term Rainfall Forecast Using Neural Networks, and Gaussian Process Classification Based on the SPI Drought Index. Water Resources Management, 2020, 34, 1369-1405.	1.9	13
307	Spatiotemporal variations of drought in the Yunnan-Guizhou Plateau, southwest China, during 1960â€"2013 and their association with large-scale circulations and historical records. Ecological Indicators, 2020, 112, 106041.	2.6	52
308	Long-Time Memory in Drought via Detrended Fluctuation Analysis. Water Resources Management, 2020, 34, 1199-1212.	1.9	22
309	Drought modeling using classic time series and hybrid wavelet-gene expression programming models. Journal of Hydrology, 2020, 587, 125017.	2.3	48

#	ARTICLE	IF	CITATIONS
310	The impact of future climate change on bean cultivation in the Prespa Lake catchment, northern Greece. Euro-Mediterranean Journal for Environmental Integration, 2020, 5, 1.	0.6	5
311	Water Resources of Italy. World Water Resources, 2020, , .	0.4	9
312	Drought characterization using the Combined Terrestrial Evapotranspiration Index over the Indus, Ganga and Brahmaputra river basins. Geocarto International, 2022, 37, 1059-1083.	1.7	13
313	Modelling study to quantify the impact of future climate and land use changes on water resources availability at catchment scale. Journal of Water and Climate Change, 2021, 12, 339-361.	1.2	5
314	Evaluating Performance and Applicability of Several Drought Indices in Arid Regions. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 645-661.	1.3	29
315	Assessing long-term spatio-temporal variability in humidity and drought in Iran using Pedj Drought Index (PDI). Journal of Arid Environments, 2021, 185, 104336.	1.2	17
316	Comprehensive Drought Assessment Tool for Coastal Areas, Bays, and Estuaries: Development of a Coastal Drought Index. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	6
317	Assessment of the Dissimilarities of EDI and SPI Measures for Drought Determination in South Africa. Water (Switzerland), 2021, 13, 82.	1.2	9
318	Hydro-meteorological drought in Addis Ababa: A characterization study. AIMS Environmental Science, 2021, 8, 148-168.	0.7	4
319	A GIS and Remote Sensing Approach for Desertification Sensitivity Assessment of Cultural Landscape in Apulia Region (Italy). Lecture Notes in Computer Science, 2021, , 138-149.	1.0	2
320	Prediction of Combined Terrestrial Evapotranspiration Index (CTEI) over Large River Basin Based on Machine Learning Approaches. Water (Switzerland), 2021, 13, 547.	1.2	57
321	Mapping the spatial and temporal variation of agricultural and meteorological drought using geospatial techniques, Ethiopia. Environmental Systems Research, 2021, 10, .	1.5	19
322	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
323	Prediction of meteorological drought by using hybrid support vector regression optimized with HHO versus PSO algorithms. Environmental Science and Pollution Research, 2021, 28, 39139-39158.	2.7	66
324	Climate Change Effects on Temperate Grassland and Its Implication for Forage Production: A Case Study from Northern Germany. Agriculture (Switzerland), 2021, 11, 232.	1.4	18
325	IMERG-Based Meteorological Drought Analysis over Italy. Climate, 2021, 9, 65.	1.2	29
326	Changes in climatic patterns and tourism and their concomitant effect on drinking water transfers into the region of South Aegean, Greece. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1725-1739.	1.9	20
327	Accuracy Assessment of the SPEI, RDI and SPI Drought Indices in Regions of Iran with Different Climate Conditions. Pure and Applied Geophysics, 2021, 178, 1387-1403.	0.8	36

#	ARTICLE	IF	CITATIONS
328	Quantitative assessment of soybean drought risk in Bengbu city based on disaster loss risk curve and DSSAT. International Journal of Disaster Risk Reduction, 2021, 56, 102126.	1.8	12
329	Development of the Agricultural Water Demand and Supply Drought Index (AWDSDI) in Evaluating Daily Agricultural Drought in Small Administrative Districts. Korean Society of Hazard Mitigation, 2021, 21, 159-170.	0.1	1
330	Science-Narrative Explorations of â€œDrought Thresholdsâ€•in the Maritime Eden Catchment, Scotland: Implications for Local Drought Risk Management. Frontiers in Environmental Science, 2021, 9, .	1.5	5
331	Projection of Future Drought Characteristics under Multiple Drought Indices. Water (Switzerland), 2021, 13, 1238.	1.2	6
332	Evaluation of evapotranspiration deficit index for agricultural drought monitoring in North China. Journal of Hydrology, 2021, 596, 126057.	2.3	12
333	A seasonally blended and regionally integrated drought index using <scp>Bayesian</scp> network theory. Meteorological Applications, 2021, 28, e1992.	0.9	12
334	Analysis of meteorological droughts in the Lakeâ€™s Region of Ethiopian Rift Valley using reconnaissance drought index (RDI). Geoenvironmental Disasters, 2021, 8, .	1.8	21
335	A novel method to detect drought and flood years in Indian rainfall associated with weak and strong monsoon. Theoretical and Applied Climatology, 2021, 145, 747-761.	1.3	3
336	Comparison of various drought indices for assessing drought status of the Northern Mekerra watershed, Northwest of Algeria. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	12
337	Influence of human activities on meteorological drought and its trends in Iran. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	8
338	Drought monitoring in Ceyhan Basin, Turkey. Journal of Applied Water Engineering and Research, 2021, 9, 293-314.	1.0	23
340	Effect of different timescales of drought on water productivity of rain-fed winter wheat in arid and semi-arid regions. Journal of Water and Climate Change, 2021, 12, 3200-3223.	1.2	5
341	Integration of multiple drought indices using a triple collocation approach. Stochastic Environmental Research and Risk Assessment, 2022, 36, 1177-1195.	1.9	5
342	Review article: Risk management framework of environmental hazards and extremes in Mediterranean ecosystems. Natural Hazards and Earth System Sciences, 2021, 21, 1935-1954.	1.5	8
343	Spatial and Temporal Analysis of Dry and Wet Spells in the Wadi Cheliff Basin, Algeria. Atmosphere, 2021, 12, 798.	1.0	15
344	Characterization of meteorological drought over a dryland ecosystem in north western India. Natural Hazards, 2021, 109, 785-826.	1.6	6
345	A Robust Drought Index Accounting Changing Precipitation Characteristics. Water Resources Research, 2021, 57, e2020WR029496.	1.7	4
348	Sensitivity Assessment to the Occurrence of Different Types of Droughts Using GIS and AHP Techniques. Water Resources Management, 2021, 35, 3593-3615.	1.9	23

#	ARTICLE	IF	CITATIONS
349	Fuzzy linear regression analysis for groundwater response to meteorological drought in the aquifer system of Xanthi plain, NE Greece. Journal of Hydroinformatics, 2021, 23, 1112-1129.	1.1	7
350	Assessing the performance of various meteorological drought indices in capturing historic droughts in the south of Algeria. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	7
351	Comparison of the meteorological drought indices according to the parameter(s) used in the Southeastern Anatolia Region, Turkey. Environmental Research and Technology, 0, , .	0.8	5
353	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975â€"2019. Atmosphere, 2021, 12, 941.	1.0	27
354	Strengthening Drought Monitoring Module by Ensembling Auxiliary Information Based Varying Estimators. Water Resources Management, 2021, 35, 3235-3252.	1.9	5
355	Forest rainfall characteristics based on heterogeneous computing and influencing factors of athletesâ€™ physical supplement. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
356	Spatiotemporal evolution characteristics of extreme rainfall based on intelligent recognition and evaluation of music teaching effect in colleges and universities. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
357	A novel framework for regional pattern recognition of drought intensities. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	10
358	Development of Bio-Inspired- and Wavelet-Based Hybrid Models for Reconnaissance Drought Index Modeling. Water Resources Management, 2021, 35, 4127-4147.	1.9	38
359	Spatiotemporal Analysis of Meteorological and Hydrological Droughts and Their Propagations. Water (Switzerland), 2021, 13, 2237.	1.2	31
361	Multi-scale approach for different type of drought in temperate climatic conditions. Natural Hazards, 2022, 110, 1153-1177.	1.6	18
363	Monitoring environmental water stress in the Upper Ewaso Ngiro river basin, Kenya. Journal of Arid Environments, 2021, 191, 104533.	1.2	5
365	Meteorological Drought Analysis Using Precipitation Based Different Indices: The Case Study of Isparta, Turkey. Mehmet Akif Ersoy Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 2021, 12, 404-418.	0.4	4
366	Study on the driven mechanism of hydrologic drought based on the lithology-combined structure of the Karst drainage basin in South China. Journal of Water and Climate Change, 2021, 12, 3714-3733.	1.2	4
367	Evaluating the long-term resilience of water resources systems: Application of a generalized grade-based combination approach. Science of the Total Environment, 2021, 786, 147447.	3.9	24
368	Estimating the Aquiferâ€™s Renewable Water to Mitigate the Challenges of Upcoming Megadrought Events. Water Resources Management, 2021, 35, 4927-4942.	1.9	1
369	Extended lead time accurate forecasting of palmer drought severity index using hybrid wavelet-fuzzy and machine learning techniques. Journal of Hydrology, 2021, 601, 126619.	2.3	16
370	The residual mass severity index â€" A new method to characterize sustained hydroclimatic extremes. Journal of Hydrology, 2021, 602, 126724.	2.3	3

#	ARTICLE	IF	CITATIONS
371	Regional Drought Identification and Assessment. Case Study in Crete. , 2007, , 169-191.		10
372	Drought Severity Thresholds and Drought Management in Greece. , 2009, , 243-256.		1
373	Drought Characterisation in the Mediterranean. , 2009, , 69-80.		9
374	A Paradigm for Applying Risk and Hazard Concepts in Proactive Planning. , 2009, , 81-91.		5
375	Local Analysis of the Characteristics and Frequency of Extreme Droughts in MÃ¡laga Using the SPI (Standardized Precipitation Index). Lecture Notes in Management and Industrial Engineering, 2015, , 167-179.	0.3	3
376	Comparative Analysis of Multi-temporal Drought Indices Using Monthly Precipitation Data: A Study in the Southwestern Part of West Bengal, India. Advances in Geographical and Environmental Sciences, 2020, , 149-165.	0.4	6
377	Drought Index Prediction Using Data Intelligent Analytic Models: A Review. Springer Transactions in Civil and Environmental Engineering, 2021, , 1-27.	0.3	8
378	Copulas-Based Drought Characteristics Analysis and Risk Assessment across the Loess Plateau of China. Water Resources Management, 2018, 32, 547-564.	1.9	47
379	Multifractal Properties of Meteorological Drought at Different Time Scales in a Tropical Location. Fluctuation and Noise Letters, 2021, 20, 2150007.	1.0	18
380	Satellite Remote Sensing Drought Monitoring and Predictions over the Globe. , 2016, , 259-296.		1
381	Assessment of Drought Risk in Korea: Focused on Data-based Drought Risk Map. Journal of the Korean Society of Civil Engineers, 2012, 32, 203-211.	0.1	14
382	Influence of drought stress on Photosynthetic enzymes, Chlorophyll, Protein and Relative water content in crop plants. International Journal of Biosciences, 2014, 5, 89-100.	0.4	6
383	Spatio-temporal analysis of drought variability in central Ethiopia. Journal of Water and Climate Change, 2021, 12, 1778-1787.	1.2	8
385	Hydrological drought index based on reservoir capacity â€" Case study of Batujai dam in Lombok Island, West Nusa Tenggara, Indonesia. Journal of Water and Land Development, 2018, 38, 155-162.	0.9	5
386	Application of Earth Observation Data and Standardized Precipitation Index Based Approach for Meteorological Drought Monitoring, Assessment and Prediction Over Kutch, Gujarat, India. International Journal of Environment and Geoinformatics, 2016, 3, 24-37.	0.5	7
387	Extreme precipitation and drought monitoring in northeastern China using general circulation models and pan evaporation-based drought indices. Climate Research, 2018, 74, 231-250.	0.4	17
388	Multi-index drought characteristics in Songhua River basin, Northeast China. Climate Research, 2019, 78, 1-19.	0.4	6
389	Historical analysis (1981-2017) of drought severity and magnitude over a predominantly arid region of Pakistan. Climate Research, 2019, 78, 189-204.	0.4	30

#	ARTICLE	IF	CITATIONS
390	Run Theory and Copula-Based Drought Risk Analysis for Songnen Grassland in Northeastern China. Sustainability, 2019, 11, 6032.	1.6	33
391	Development on Classification Standard of Drought Severity. Journal of Korea Water Resources Association, 2013, 46, 195-204.	0.3	4
392	Nine-year monitoring of cambial seasonality and cell production in Norway spruce. IForest, 2016, 9, 375-382.	0.5	13
393	Historical gridded reconstruction of potential evapotranspiration for the UK. Earth System Science Data, 2018, 10, 951-968.	3.7	19
396	Selection of extreme drought event for Langat Basin and its consequence on salinity intrusion through Langat River System. IOSR Journal of Mechanical and Civil Engineering, 2014, 11, 62-69.	0.1	1
397	A new propagation-based framework to enhance competency in regional drought monitoring. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 73, 1975404.	0.8	9
398	Exploring spatial and temporal drought over the semi-arid Sahibi river basin in Rajasthan, India. Environmental Monitoring and Assessment, 2021, 193, 743.	1.3	7
399	A study on copula-based bivariate and trivariate drought assessment in Godavari River basin and the teleconnection of drought with large-scale climate indices. Theoretical and Applied Climatology, 2021, 146, 1335-1353.	1.3	12
400	Assessment and monitoring of drought in Chitradurga district of Karnataka using different drought indices. Journal of Agrometeorology, 2021, 23, 221-227.	0.2	6
401	Identifying the Drought Impact Factors and Developing Drought Scenarios Using the DSD Model. Water Resources Management, 2021, 35, 4809.	1.9	0
403	Hydrological Drought Assessment and Monitoring Based on Remote Sensing for Ungauged Areas. Korean Journal of Remote Sensing, 2014, 30, 525-536.	0.4	1
405	The impact of Gouin Reservoir management on the ecohydrological drought characteristics of streamflow in the Saint-Maurice River (Quebec, Canada). WIT Transactions on the Built Environment, 2015, , 347-355.	0.0	0
406	KuraklÄ±k Riskinin BulanÄ±k MantÄ±k YardÄ±mÄ±yla TÃ¼rkiye Genelinde DeÄŸerlendirilmesi. DÃœMF MÃ¼hendislik Dergisi, 2019, 10, 359-372.	0.2	1
407	Drought events analysis and spatial distribution for the states of Rio Grande do Norte and Paraiba, Brazil. Revista EletrÃ´nica Em GestÃ£o EducaÃ§Ã£o E Tecnologia Ambiental, 0, 23, 3.	0.0	0
408	Drought Analysis of Bitlis River Baykan Station with Streamflow Drought Index (SDI) Method. Academic Perspective Procedia, 2019, 2, 1100-1106.	0.0	3
409	Drought sensitivity characteristics and relationships between drought indices over Upper Blue Nile basin. Journal of Water and Land Development, 2019, 43, 64-75.	0.9	3
410	GÃœNEYDOÄžU ANADOLU BÃ–LGESÄ°NDEKÄ° Ä°LLERÄ°N KURAKLIK ANALÄ°ZÄ°. Konya Journal of Engineering Sciences, 2019, 7, 705-712.	0.1	4
411	Spatiotemporal variability in annual drought severity, duration, and frequency from 1901 to 2020. Climate Research, 2022, 87, 81-97.	0.4	7

#	ARTICLE	IF	CITATIONS
412	A novel comprehensive agricultural drought index reflecting time lag of soil moisture to meteorology: A case study in the Yangtze River basin, China. Catena, 2022, 209, 105804.	2.2	31
413	Drought Variability and Trend Over the Lombardy Plain from Meteorological Station Records. Lecture Notes in Civil Engineering, 2020, , 39-47.	0.3	2
414	Coping with Droughts. World Water Resources, 2020, , 291-318.	0.4	0
415	An Analysis of Precipitation Extreme Events Based on the SPI and EDI Values in the Free State Province, South Africa. Water (Switzerland), 2021, 13, 3058.	1.2	6
416	Meteorological Drought Assessment in Sharjah, UAE Using Drought Indices. International Journal of Environmental Science and Development, 2022, 13, 16-20.	0.2	3
417	Spatial and temporal characteristics of drought and its correlation with climate indices in Northeast China. PLoS ONE, 2021, 16, e0259774.	1.1	9
418	Spatiotemporal Variation of Drought Characteristics Based on Standardized Precipitation Index in Central Java over 1990-2010. IOP Conference Series: Earth and Environmental Science, 2021, 893, 012022.	0.2	3
419	Drought Evaluation of Tiruchirapalli City, India, Using Three Meteorological Indices. Lecture Notes in Civil Engineering, 2022, , 31-42.	0.3	0
420	Spatial assessment of drought features over different climates and seasons across Iran. Theoretical and Applied Climatology, 2022, 147, 941-957.	1.3	7
421	Estimation of a trend of meteorological and hydrological drought over Qinhuai River Basin. Theoretical and Applied Climatology, 2022, 147, 1065-1078.	1.3	12
422	Socioeconomic vulnerability of pastoralism under spatiotemporal patterns of drought in Eastern Africa. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	3
423	Spatial analysis of meteorological and hydrological drought characteristics using Copula model. Environmental Earth Sciences, 2021, 80, 1.	1.3	7
424	Spatio€temporal analysis of copula€based probabilistic multivariate drought index using <scp>CMIP6</scp> model. International Journal of Climatology, 2022, 42, 4333-4350.	1.5	13
425	Wet and dry period identification method through serial correlation decomposition. Hydrological Sciences Journal, 2022, 67, 129-136.	1.2	0
426	A comparison of the China-Z Index (CZI) and the Standardized Precipitation Index (SPI) for drought assessment in the Hirfanli Dam basin in central Turkey. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	13
427	Reconstruction of the severe drought events of 1875â€"1879 in Shanxi Province, China, based on rain and snow record data from the Qing Palace Archives. Climate Research, 0, , .	0.4	0
428	Forecasting the Future Drought Indices Due to the Effects of Climate Change in Al Najaf City, Iraq.. IOP Conference Series: Earth and Environmental Science, 2022, 961, 012040.	0.2	1
429	Evaluating the adaptability of an irrigation district to seasonal water availability using a decade of remotely sensed evapotranspiration estimates. Agricultural Water Management, 2022, 261, 107383.	2.4	1

#	ARTICLE	IF	CITATIONS
430	Hydrological Drought Forecasts Using Markov Chains and Regression Models (Case Study:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 To	0.2	3
431	A System Innovation Approach for Science-Stakeholder Interface: Theory and Application to Water-Land-Food-Energy Nexus. Frontiers in Water, 2022, 3, .	1.0	8
432	Satellite-based monitoring of meteorological drought over different regions of Iran: application of the CHIRPS precipitation product. Environmental Science and Pollution Research, 2022, 29, 36115-36132.	2.7	18
433	A Unified index of water resources systems vulnerability assessment â€" Translating the theoretical approach into a simple tool to assess climate change Impact: Case study in Limpopo River Basin, Africa. Ain Shams Engineering Journal, 2022, 13, 101687.	3.5	3
434	A Non-stationary and Probabilistic Approach for Drought Characterization Using Trivariate and Pairwise Copula Construction (PCC) Model. Water Resources Management, 2022, 36, 1217-1236.	1.9	10
435	Revisiting the Impact of Drought Over Mid-Continent USA From 2000-2019 Using High Resolution Data. International Journal of Applied Geospatial Research, 2022, 13, 1-23.	0.2	0
436	Drought forecasting using new advanced ensemble-based models of reduced error pruning tree. Acta Geophysica, 2022, 70, 697-712.	1.0	16
437	Impact of Climate Change on Hydrometeorology and Droughts in the Bilate Watershed, Ethiopia. Water (Switzerland), 2022, 14, 729.	1.2	12
438	Investigation of Drought Trend on the Basis of the Best Obtained Drought Index. Water Resources Management, 2022, 36, 1355-1375.	1.9	13
439	Forecasting of SPI and SRI Using Multiplicative ARIMA under Climate Variability in a Mediterranean Region: Wadi Ouahrane Basin, Algeria. Climate, 2022, 10, 36.	1.2	14
440	Precipitation Variability and Drought Assessment Using the SPI: Application to Long-Term Series in the Strait of Gibraltar Area. Water (Switzerland), 2022, 14, 884.	1.2	16
441	Spatial and temporal drought projections of northwestern Turkey. Theoretical and Applied Climatology, 2022, 149, 1-14.	1.3	10
442	Identification of droughts over Saudi Arabia and global teleconnections. Natural Hazards, 2022, 112, 2717-2737.	1.6	11
443	A comparative analysis of pre- and post-industrial spatiotemporal drought trends and patterns of Tibet Plateau using Sen slope estimator and steady-state probabilities of Markov Chain. Natural Hazards, 2022, 113, 547-576.	1.6	9
444	The efficiency of the Standardized Evapotranspiration Deficit Index (SEDI) in assessing the impact of drought on vegetation cover. Environmental Monitoring and Assessment, 2022, 194, 299.	1.3	7
445	Satellite based impact assessment of temperature and rainfall variability on drought indices in Southern Pakistan. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102726.	1.4	11
446	The use of predefined drought indices for the assessment of groundwater drought episodes in the Baltic States over the period 1989â€"2018. Journal of Hydrology: Regional Studies, 2022, 40, 101049.	1.0	13
447	Assessment of Future Drought Index Using SSP Scenario in Rep. of Korea. Sustainability, 2022, 14, 4252.	1.6	10

#	Article	IF	Citations
449	An Investigation of Meteorological Drought Studies on a Global Scale Using a Bibliometric Analysis. Journal of Innovative Science and Engineering (JISE), 0, , .	0.7	1
450	Impacts of Extreme Weather on Mercury Uptake and Storage in Subtropical Forest Ecosystems. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	7
451	A New Non-stationary Hydrological Drought Index Encompassing Climate Indices and Modified Reservoir Index as Covariates. Water Resources Management, 2022, 36, 2433-2454.	1.9	5
452	Investigation of annual droughts of Boyabat region using different meteorological drought indices. SÃ¼rdÃ¼rÃ¼lebilir MÃ¼hendislik UygulamalarÄ± Ve Teknolojik GeliÅŸmeler Dergisi, 0, , .	0.0	0
453	An Analysis of Non-stationary Drought Conditions in Parana State Based on Climate Change Scenarios. Water Resources Management, 2022, 36, 3401-3415.	1.9	3
454	Sensitivity of the RDI and SPEI Drought Indices to Different Models for Estimating Evapotranspiration Potential in Semiarid Regions. Water Resources Management, 2022, 36, 2471-2492.	1.9	14
455	A new spatiotemporal two-stage standardized weighted procedure for regional drought analysis. PeerJ, 2022, 10, e13249.	0.9	7
456	Projection of droughts in Amu river basin for shared socioeconomic pathways CMIP6. Theoretical and Applied Climatology, 2022, 149, 1009-1027.	1.3	18
457	Drought forecasting using the Prophet model in a semi-arid climate region of western India. Hydrological Sciences Journal, 2022, 67, 1397-1417.	1.2	16
458	FarklÄ± Ä°klim DeÄŸiÅŸikliÄŸi SenaryolarÄ± iÃ§in DoÄŸu Karadeniz BÃ¶lgesindeki Meteorolojik KuraklÄ±klarÄ±n EÄŸilim Analizi. Journal of the Institute of Science and Technology, 2022, 12, 843-856.	0.3	1
459	Drought Occurrence Probability Analysis Using Multivariate Standardized Drought Index and Copula Function Under Climate Change. Water Resources Management, 2022, 36, 2865-2888.	1.9	18
460	Characterization of Meteorological Drought Using Monte Carlo Feature Selection and Steady-State Probabilities. Complexity, 2022, 2022, 1-19.	0.9	7
461	Influence of Climatic Variability on Detected Drought Spatio/Temporal Variability and Characteristics by SPI and RDI. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 3369-3385.	1.0	3
462	Exploring Regional Profile of Drought History- a New Procedure to Characterize and Evaluate Multi-Scaler Drought Indices Under Spatial Poisson Log-Normal Model. Water Resources Management, 2022, 36, 2989-3005.	1.9	2
463	Incorporating aSPI and eRDI in Drought Indices Calculator (DrinC) Software for Agricultural Drought Characterisation and Monitoring. Hydrology, 2022, 9, 100.	1.3	11
464	Development of a Non-stationary Standardized Precipitation Evapotranspiration Index (NSPEI) for Drought Monitoring in a Changing Climate. Water Resources Management, 2022, 36, 3523-3543.	1.9	5
465	Assessing the Importance of Climate Variables on RDI and SPEI Using Backward Multiple Linear Regression in Arid to Humid Regions Over Iran. Pure and Applied Geophysics, 2022, 179, 2905-2921.	0.8	5
466	The Spatiotemporal Weighted Efficient Drought Indexâ€"A new generalized procedure of regional drought indicator. Ecohydrology, 2022, 15, .	1.1	2

#	Article	IF	Citations
467	Drought Assessment in the Aegean Region of Turkey. Pure and Applied Geophysics, 2022, 179, 3035-3053.	0.8	11
468	A New Weighting Scheme for Diminishing the Effect of Extreme Values in Regional Drought Analysis. Water Resources Management, 2022, 36, 4099-4114.	1.9	5
469	Long-term trends in climate parameters and multiple indices for drought monitoring over Pakistan. Meteorology and Atmospheric Physics, 2022, 134, .	0.9	9
470	Spatiotemporal climate variability and meteorological drought characterization in Ethiopia. Geomatics, Natural Hazards and Risk, 2022, 13, 2049-2085.	2.0	7
471	A Novel Approach to Identify the Characteristics of Drought under Future Climate Change Scenario. Water Resources Management, 2022, 36, 5163-5189.	1.9	10
472	How standard are standardized drought indices? Uncertainty components for the SPI & SPEI case. Journal of Hydrology, 2022, 613, 128385.	2.3	30
473	Past and Future Global Drought Assessment. Water Resources Management, 2022, 36, 5259-5276.	1.9	6
474	A Non-Stationary Based Approach to Understand the Propagation of Meteorological to Agricultural Droughts. Water Resources Management, 2023, 37, 2483-2504.	1.9	14
475	Integrated Drought Index based on Vine Copula Modelling. International Journal of Climatology, 2022, 42, 9510-9529.	1.5	4
477	Assessment of Vulnerability, Resilience Capacity and Land Use Within the Scope of Climate Change Adaptation: The Case of BalÄ±kesir-Susurluk Basin. Journal of Forestry Faculty of Kastamonu University, 2022, 22, 112-124.	0.1	0
478	Joint Spatio-Temporal Analysis of Various Wildfire and Drought Indicators in Indonesia. Atmosphere, 2022, 13, 1591.	1.0	2
479	Effect of climate change on earthworks of infrastructure: statistical evaluation of the cause of dike pavement cracks. Geoenvironmental Disasters, 2022, 9, .	1.8	2
480	Determining the most appropriate drought index using the random forest algorithm with an emphasis on agricultural drought. Natural Hazards, 2023, 115, 923-946.	1.6	15
481	Derin sinir aÄŸlarÄ± modeli ile standardize yaÄŸÄ±ÅŸ indeksi tahmini. Ã–mer Halisdemir Ãœniversitesi MÃ¼hendislik Bilimleri Dergisi, 0, , .	0.2	0
482	A new concept of drought feeling against the meteorological drought. Scientific Reports, 2022, 12, .	1.6	4
483	A new version of the reconnaissance drought index, N-RDI. Climate Research, 0, , .	0.4	1
484	Remote Sensing Applications in Drought Monitoring and Prediction. Disaster Resilience and Green Growth, 2022, , 59-85.	0.2	0
486	Temporalâ€"spatial analysis of drought and wet periods: case study of a wet region in Northwestern Iran (East Azerbaijan, West Azerbaijan, Ardebil and Zanjan provinces). Applied Water Science, 2022, 12, .	2.8	11

#	ARTICLE	IF	CITATIONS
487	Drought Analysis with Two Different Indices in YeÅŸilÄ±rmak Basin. Journal of Agricultural Faculty of Gaziosmanpasa University, 0, , .	0.1	0
488	The sensitivity of meteorological drought index towards El Nino-Southern Oscillation. IOP Conference Series: Earth and Environmental Science, 2022, 1089, 012005.	0.2	0
489	DalgacÄ±k-Gen Ä°fade Programlama ile Meteorolojik KuraklÄ±k Tahmini: Ã‡anakkale Ã–rneÄŸi. Mehmet Akif Ersoy Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 0, , .	0.4	1
490	Effects of climate change and drought attributes in Nigeria based on RCP 8.5 climate scenario. Physics and Chemistry of the Earth, 2023, 129, 103339.	1.2	7
491	Variation in the response of ground and satellite-based precipitation products in the interpretation of drought in Tumakuru District, Karnataka. , 2022, 1, 100033.		2
492	Hydrological Drought Response to Meteorological Drought Propagation and Basin Characteristics (Case Study: Northwest of Algeria). Russian Meteorology and Hydrology, 2022, 47, 708-717.	0.2	1
493	Relating drought indices to impacts reported in newspaper articles. International Journal of Climatology, 2023, 43, 1796-1816.	1.5	7
494	Quantification of precipitation deficits on different time scales in Sierra Leone using standard precipitation index. Theoretical and Applied Climatology, 0, , .	1.3	0
495	Spatio-temporal drought monitoring and detection of the areas most vulnerable to drought risk in Mediterranean region, based on remote sensing data (Northeastern Algeria). Arabian Journal of Geosciences, 2023, 16, .	0.6	4
496	Meteorological Drought Variability and Its Impact on Wheat Yields across South Africa. International Journal of Environmental Research and Public Health, 2022, 19, 16469.	1.2	5
497	Effects of dry spells on soil moisture and yield anomalies at a montane managed grassland site: A lysimeter climate experiment. Ecohydrology, 2023, 16, .	1.1	2
498	Comparison of the capability of the Meteorological and Remote Sensing Drought Indices. Water Resources Management, 2023, 37, 769-796.	1.9	6
499	Declining water resources in response to global warming and changes in atmospheric circulation patterns over southern Mediterranean France. Hydrology and Earth System Sciences, 2022, 26, 6055-6071.	1.9	0
500	Drought variability assessment using standardized precipitation index, reconnaissance drought index and precipitation deciles across Balochistan, Pakistan. Brazilian Journal of Biology, 0, 84, .	0.4	5
501	Long Term Meteorological Drought Forecasting for North-western Region of Bangladesh Using Wavelet Artificial Neural Network. Revista Brasileira De Meteorologia, 0, , .	0.2	0
502	The first high spatial resolution multi-scale daily SPI and SPEI raster dataset for drought monitoring and evaluating over China from 1979 to 2018. Big Earth Data, 2023, 7, 860-885.	2.0	13
503	Assessment and characterisation of hydrometeorological droughts in the Upper Mzingwane sub-catchment of Zimbabwe. Natural Hazards, 2023, 116, 3275-3299.	1.6	3
504	Drought Monitoring in Terms of Evapotranspiration Based on Satellite Data from Meteosat in Areas of Strong Landâ€"Atmosphere Coupling. Land, 2023, 12, 240.	1.2	2

#	Article	IF	Citations
505	Prediction of meteorological drought and standardized precipitation index based on the random forest (RF), random tree (RT), and Gaussian process regression (GPR) models. Environmental Science and Pollution Research, 2023, 30, 43183-43202.	2.7	17
506	Predictive association between meteorological drought and climate indices in the state of Sinaloa, northwestern Mexico. Arabian Journal of Geosciences, 2023, 16, .	0.6	1
507	Decadal assessment of agricultural drought in the context of land use land cover change using MODIS multivariate spectral index time-series data. GIScience and Remote Sensing, 2023, 60, .	2.4	6
508	Modified version of the cross-correlation function to measure drought occurrence time-delay correlation. Journal of Water and Climate Change, 2023, 14, 454-476.	1.2	1
509	Assessing Spatial Variability and Trends of Droughts in Eastern Algeria Using SPI, RDI, PDSI, and MedPDSIâ€"A Novel Drought Index Using the FAO56 Evapotranspiration Method. Water (Switzerland), 2023, 15, 626.	1.2	11
510	Drought Assessment across Erbil Using Satellite Products. Sustainability, 2023, 15, 6687.	1.6	4
511	Improving drought modeling based on new heuristic machine learning methods. Ain Shams Engineering Journal, 2023, 14, 102168.	3.5	13
512	A comparative study of drought characteristics using meteorological drought indices over the central main Ethiopian Rift. Hydrology Research, 2023, 54, 313-329.	1.1	1
513	Change point detection and trend analysis of drought over Algeria from 1901 to 2018. Arabian Journal of Geosciences, 2023, 16, .	0.6	1
514	Monitoring the Meteorological and Hydrological Droughts in the Largest River Basin (Mahaweli) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	5
515	Assessment of Meteorological Drought under the Climate Change in the Kabul River Basin, Afghanistan. Atmosphere, 2023, 14, 570.	1.0	2
516	Investigation of the Relationship between Groundwater Variations and Drought Using SPI and GRI Indices in Lordegan Plain. Journal of Watershed Management Research, 2021, 12, 65-74.	0.0	1
517	UÅžAK Ä°LÄ° Ã‡EVRESÄ° Ä°Ã‡Ä°N HÄ°DROLOJÄ°K KURAKLIK ANALÄ°ZÄ°. MÃ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2023, 11, 1-21.		
518	Evaluation Climate Change Impacts on Water Resources Over the Upper Reach of the Yellow River Basin. Water Resources Management, 2023, 37, 2875-2889.	1.9	2
519	A Stochastic Weather Model for Drought Derivatives in Arid Regions: A Case Study in Qatar. Mathematics, 2023, 11, 1628.	1.1	3
520	Climate Change, Food Security, and Resilience: Hydrologic Excess and Deficit Measurement. , 2023, , 333-359.		0
521	Flood and Drought Risk Assessment, Climate Change, and Resilience. , 2023, , 191-214.		0
522	Drought Monitoring and Forecasting across Turkey: A Contemporary Review. Sustainability, 2023, 15, 6080.	1.6	14

#	ARTICLE	IF	CITATIONS
523	Modified Standardized Precipitation Evapotranspiration Index: spatiotemporal analysis of drought. Geomatics, Natural Hazards and Risk, 2023, 14, .	2.0	0
524	Incorporating the climate oscillations in the computation of meteorological drought over India. Natural Hazards, 2023, 117, 2617-2646.	1.6	1
577	Monitoring Spatio-Temporal Pattern of Meteorological Drought Stress Using Standardized Precipitation Index (SPI) over Bundelkhand Region of Uttar Pradesh, India. , 2024, , 203-214.		0