

# Haim Kutiel

## List of Publications by Year in descending order

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59  
papers

2,004  
citations

257450

24  
h-index

265206

42  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal characteristics of rain-spells in New Zealand. Theoretical and Applied Climatology, 2020, 142, 329-348.	2.8	2
2	Reconstructing pre-fire vegetation condition in the wildland urban interface (WUI) using artificial neural network. Journal of Environmental Management, 2019, 238, 224-234.	7.8	19
3	Climatic Uncertainty in the Mediterranean Basin and Its Possible Relevance to Important Economic Sectors. Atmosphere, 2019, 10, 10.	2.3	4
4	The impact of Sharav weather conditions on airborne pollen in Jerusalem and Tel Aviv (Israel). Aerobiologia, 2018, 34, 497-511.	1.7	5
5	Spatial and temporal variability of dryness characteristics in Turkey. International Journal of Climatology, 2017, 37, 818-828.	3.5	15
6	New Azores archipelago daily precipitation dataset and its links with large-scale modes of climate variability. International Journal of Climatology, 2016, 36, 4439-4454.	3.5	32
7	Dryness in a Mediterranean-type climate – implications for wildfire burnt area: a case study from Mount Carmel, Israel. International Journal of Wildland Fire, 2016, 25, 579.	2.4	9
8	Wildfires in the eastern Mediterranean as a result of lightning activity – a change in the conventional knowledge. International Journal of Wildland Fire, 2016, 25, 592.	2.4	8
9	Spatial and temporal variability of rain-spells characteristics in Serbia and Montenegro. International Journal of Climatology, 2015, 35, 1611-1624.	3.5	14
10	The rainfall regime in Lisbon in the last 150 years. Theoretical and Applied Climatology, 2014, 118, 387-403.	2.8	29
11	Empirical models of rain-spells characteristics – A case study of a Mediterranean-arid climatic transect. Journal of Arid Environments, 2013, 97, 84-91.	2.4	10
12	A new approach for the definition of extreme anomalous hot and dry weather events in Israel. Investigaciones Geográficas, 2013, , 29.	0.1	2
13	Introduction: Mediterranean Climate – Background Information. , 2012, , xxxv-xc.		49
14	The dependence of the annual total on the number of rain-spells and their yield in the mediterranean. Geografiska Annaler, Series A: Physical Geography, 2012, 94, 285-299.	1.5	12
15	The relevance of the North-Sea Caspian Pattern (NCP) in explaining temperature variability in Europe and the Mediterranean. Natural Hazards and Earth System Sciences, 2011, 11, 2881-2888.	3.6	29
16	Rainfall uncertainty in the Mediterranean: time series, uncertainty, and extreme events. Theoretical and Applied Climatology, 2011, 104, 357-375.	2.8	33
17	Rainfall uncertainty in the Mediterranean: Intraseasonal rainfall distribution. Theoretical and Applied Climatology, 2010, 100, 105-121.	2.8	16
18	Rainfall uncertainty in the Mediterranean: dryness distribution. Theoretical and Applied Climatology, 2010, 100, 123-135.	2.8	27

#	ARTICLE	IF	CITATIONS
19	Links between the rainfall regime in Israel and location and intensity of Cyprus lows. International Journal of Climatology, 2010, 30, 1014-1025.	3.5	109
20	Extreme Rainfall Events and Uncertainty in the Mediterranean Basin. , 2010, , 1439-1448.		1
21	A Review on the Impact of the North Sea " Caspian Pattern (NCP) on Temperature and Precipitation Regimes in the Middle East. , 2010, , 1301-1312.		2
22	Rainfall uncertainty in the Mediterranean: definitions of the daily rainfall threshold (DRT) and the rainy season length (RSL). Theoretical and Applied Climatology, 2009, 97, 151-162.	2.8	24
23	Variation of Dry Days Since Last Rain (DDSLR) as a measure of dryness along a Mediterranean " Arid transect. Journal of Arid Environments, 2009, 73, 658-665.	2.4	25
24	Rainfall uncertainty in the Mediterranean: definition of the rainy season " a methodological approach. Theoretical and Applied Climatology, 2008, 94, 35-49.	2.8	23
25	Performance of the general circulation HadAM3P model in simulating circulation types over the Mediterranean region. International Journal of Climatology, 2008, 28, 185-203.	3.5	28
26	Short-term changes in the magnitude, frequency and temporal distribution of floods in the Eastern Mediterranean region during the last 45"years " Nahal Oren, Mt. Carmel, Israel. Geomorphology, 2007, 84, 181-191.	2.6	43
27	Atmospheric dynamics over northwest Africa and linkages with Sahelian rainfall. Geophysical Research Letters, 2006, 33, .	4.0	7
28	New evidence for the role of the north sea " caspian pattern on the temperature and precipitation regimes in continental central turkey. Geografiska Annaler, Series A: Physical Geography, 2005, 87, 501-513.	1.5	60
29	Synoptics of dust transportation days from Africa toward Italy and central Europe. Journal of Geophysical Research, 2005, 110, .	3.3	119
30	Climatology of Dust Sources in North Africa and the Arabian Peninsula, Based on TOMS Data. Indoor and Built Environment, 2004, 13, 407-419.	2.8	64
31	Synoptics of dust intrusion days from the African continent into the Atlantic Ocean. Journal of Geophysical Research, 2004, 109, .	3.3	22
32	Analysis of beginning, end, and length of the rainy season along a Mediterranean"arid climate transect for geomorphic purposes. Journal of Arid Environments, 2004, 59, 189-204.	2.4	22
33	Rainfall regime uncertainty (RRU) in an Eastern Mediterranean region- A methodological approach. Israel Journal of Earth Sciences, 2003, 52, 47-63.	0.3	25
34	North Sea-Caspian Pattern (NCP) - an upper level atmospheric teleconnection affecting the Eastern Mediterranean: Identification and definition. Theoretical and Applied Climatology, 2002, 71, 17-28.	2.8	152
35	North Sea - Caspian Pattern (NCP) - an upper level atmospheric teleconnection affecting the eastern Mediterranean - implications on the regional climate. Theoretical and Applied Climatology, 2002, 72, 173-192.	2.8	112
36	Sea level pressure patterns associated with dry or wet monthly rainfall conditions in Turkey. Theoretical and Applied Climatology, 2001, 69, 39-67.	2.8	45

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37	Vegetation response to possible scenarios of rainfall variations along a Mediterranean "extreme arid climatic transect. Journal of Arid Environments, 2000, 44, 277-290.	2.4	62
38	Wet and Dry Monthly Anomalies Across the Mediterranean Basin and their Relationship with Circulation, 1860-1990. Theoretical and Applied Climatology, 1999, 64, 189-199.	2.8	83
39	Spatial and temporal variations in the temperature regime in the Mediterranean and their relationship with circulation during the last century. International Journal of Climatology, 1999, 19, 745-764.	3.5	52
40	Singularity of atmospheric pressure in the eastern mediterranean and its relevance to interannual variations of dry and wet spells. International Journal of Climatology, 1998, 18, 317-327.	3.5	8
41	Sea Level Pressure Departures in the Mediterranean and their Relationship with Monthly Rainfall Conditions in Israel. Theoretical and Applied Climatology, 1998, 60, 93-109.	2.8	50
42	Variations in the Temperature Regime Across the Mediterranean During the Last Century and their Relationship with Circulation Indices. Theoretical and Applied Climatology, 1998, 61, 39-53.	2.8	61
43	CIRCULATION AND EXTREME RAINFALL CONDITIONS IN THE EASTERN MEDITERRANEAN DURING THE LAST CENTURY. International Journal of Climatology, 1996, 16, 73-92.	3.5	113
44	Circulation indices over the Mediterranean and Europe and their relationship with rainfall conditions across the Mediterranean. Theoretical and Applied Climatology, 1996, 54, 125-138.	2.8	56
45	Effects of network design on climatic maps of precipitation. Climate Research, 1996, 7, 1-10.	1.1	4
46	Recent variations in 700 hPa geopotential heights in summer over Europe and the Middle East, and their influence on other Meteorological factors. Theoretical and Applied Climatology, 1992, 46, 99-108.	2.8	18
47	Recent spatial and temporal variations in mean sea level pressure over Europe and the Middle East, and their influence on the rainfall regime in the Galilee, Israel. Theoretical and Applied Climatology, 1991, 44, 151-166.	2.8	15
48	The distribution of Autumnal Easterly Wind Spells Favoring Rapid spread of forest wildfires on Mount Carmel, Israel. Geo Journal, 1991, 23, 147.	3.1	10
49	Variability of factors and their possible application to climatic studies. Theoretical and Applied Climatology, 1990, 42, 169-175.	2.8	4
50	Rainfall variations in the Galilee (Israel), II. Variations in the temporal distribution between 1931 "1960 and 1951 "1980. Journal of Hydrology, 1988, 99, 179-185.	5.4	7
51	Rainfall variations in the Galilee (Israel), I. Variations in the spatial distribution in the periods 1931 "1960, and 1951 "1980. Journal of Hydrology, 1987, 94, 331-344.	5.4	15
52	The distribution of rainfall intensity in Israel, its regional and seasonal variations and its climatological evaluation. Journal of Climatology, 1986, 6, 277-291.	0.7	141
53	The multimodality of the rainfall course in Israel, as reflected by the distribution of dry spells. Archiv Fr Meteorologie Geophysik Und Bioklimatologie Serie B, 1985, 36, 15-27.	0.8	39
54	Spatial coherence of monthly rainfall in Israel. Archiv Fr Meteorologie Geophysik Und Bioklimatologie Serie B, 1982, 31, 353-367.	0.8	12

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55	Diurnal variation in the spatial structure of rainfall in the Northern Negev desert Israel. Archiv für Meteorologie Geophysik Und Bioklimatologie Serie B, 1981, 29, 239-243.	0.8	8
56	Diurnal variation of rainfall in Israel. Archives for Meteorology, Geophysics and Bioclimatology, Series A, 1980, 29, 387-395.	0.4	11
57	The rainfall regime and its uncertainty in Valencia and Larnaca. Advances in Geosciences, 0, 12, 101-106.	12.0	8
58	Extreme precipitation related to circulation types for four case studies over the Eastern Mediterranean. Advances in Geosciences, 0, 12, 87-93.	12.0	21
59	Quantifying uncertainties in precipitation: a case study from Greece. Advances in Geosciences, 0, 16, 19-26.	12.0	7