Glenn R Mcgregor

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Urban heat: an increasing threat to global health. BMJ, The, 2021, 375, n2467.	6.0	43
2	Weather patterns and all-cause mortality in England, UK. International Journal of Biometeorology, 2020, 64, 123-136.	3.0	20
3	Atmospheric drivers of winter aboveâ€freezing temperatures and associated rainfall in western Canada. International Journal of Climatology, 2019, 39, 5655-5671.	3.5	3
4	Climate and rivers. River Research and Applications, 2019, 35, 1119-1140.	1.7	10
5	Time-Series Study of Associations between Rates of People Affected by Disasters and the El Niño Southern Oscillation (ENSO) Cycle. International Journal of Environmental Research and Public Health, 2019, 16, 3146.	2.6	14
6	Heat: a primer for public health researchers. Public Health, 2018, 161, 138-146.	2.9	63
7	El Niño Southern Oscillation (ENSO) and Health: An Overview for Climate and Health Researchers. Atmosphere, 2018, 9, 282.	2.3	33
8	Tropospheric moisture in the Southwest Pacific as revealed by homogenized radiosonde data: climatology and decadal trend. International Journal of Climatology, 2017, 37, 1341-1355.	3.5	3
9	Analysis of the synoptic winter mortality climatology in five regions of England: Searching for evidence of weather signals. Science of the Total Environment, 2017, 598, 432-444.	8.0	11
10	Linking interannual river flow river variability across New Zealand to the Southern Annular Mode, 1979–2011. Hydrological Processes, 2017, 31, 2261-2276.	2.6	6
11	Hydroclimatology, modes of climatic variability and stream flow, lake and groundwater level variability. Progress in Physical Geography, 2017, 41, 496-512.	3.2	23
12	Climate Variability and Change in the Sanjiangyuan Region. Springer Geography, 2016, , 35-57.	0.4	7
13	Humidity: A review and primer on atmospheric moisture and human health. Environmental Research, 2016, 144, 106-116.	7.5	279
14	On the Science-Policy Bridge: Do Spatial Heat Vulnerability Assessment Studies Influence Policy?. International Journal of Environmental Research and Public Health, 2015, 12, 13321-13349.	2.6	45
15	Climatology in support of climate risk management. Progress in Physical Geography, 2015, 39, 536-553.	3.2	14
16	Performance Assessment of a Heat Wave Vulnerability Index for Greater London, United Kingdom. Weather, Climate, and Society, 2014, 6, 32-46.	1.1	39
17	On the association between synoptic circulation and wildfires in the Eastern Mediterranean. Theoretical and Applied Climatology, 2014, 115, 483-501.	2.8	17
18	Heat-related mortality risk model for climate change impact projection. Environmental Health and Preventive Medicine, 2014, 19, 56-63.	3.4	140

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19	Investigating the relationship of meteorological/climatological conditions and wildfires in Greece. Theoretical and Applied Climatology, 2013, 112, 113-126.	2.8	15
20	The development of a heat wave vulnerability index for London, United Kingdom. Weather and Climate Extremes, 2013, 1, 59-68.	4.1	220
21	A large-scale hydroclimatological perspective on western European river flow regimes. Hydrology Research, 2013, 44, 809-833.	2.7	8
22	Climatic characteristics of summer human thermal discomfort in Athens and its connection to atmospheric circulation. Natural Hazards and Earth System Sciences, 2013, 13, 3271-3279.	3.6	26
23	Human biometeorology. Progress in Physical Geography, 2012, 36, 93-109.	3.2	51
24	Determinants of Risk: Exposure and Vulnerability. , 2012, , 65-108.		329
25	The benefits of quantifying climate model uncertainty in climate change impacts assessment: an example with heat-related mortality change estimates. Climatic Change, 2012, 112, 217-231.	3.6	43
26	Regional classification, variability, and trends of northern North Atlantic river flow. Hydrological Processes, 2011, 25, 1021-1033.	2.6	27
27	Southern hemisphere atmospheric circulation: impacts on Antarctic climate and reconstructions from Antarctic ice core data. Climatic Change, 2010, 99, 155-192.	3.6	39
28	Climate–river flow relationships across montane and lowland environments in northern Europe. Hydrological Processes, 2009, 23, 985-996.	2.6	28
29	Climate change and heat-related mortality in six cities Part 2: climate model evaluation and projected impacts from changes in the mean and variability of temperature with climate change. International Journal of Biometeorology, 2009, 53, 31-51.	3.0	145
30	Associations between elevated atmospheric temperature and human mortality: a critical review of the literature. Climatic Change, 2009, 92, 299-341.	3.6	340
31	Assessing Vulnerability to Heat Stress in Urban Areas. The Example of Greater London. Epidemiology, 2009, 20, S24.	2.7	16
32	Eastern Antarctic Peninsula precipitation delivery mechanisms: process studies and back trajectory evaluation. Atmospheric Science Letters, 2008, 9, 214-221.	1.9	2
33	Climate Change, Tropospheric Ozone and Particulate Matter, and Health Impacts. Environmental Health Perspectives, 2008, 116, 1449-1455.	6.0	220
34	Large-Scale Climatic Controls on New England River Flow. Journal of Hydrometeorology, 2007, 8, 367-379.	1.9	37
35	Assessment and prevention of acute health effects of weather conditions in Europe, the PHEWE project: background, objectives, design. Environmental Health, 2007, 6, 12.	4.0	66
36	Integrating climate–hydrology–ecology for alpine river systems. Aquatic Conservation: Marine and Freshwater Ecosystems, 2007, 17, 636-656.	2.0	95

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37	Observation and characterisation of rainfall over Hawaii and surrounding region from the Tropical Rainfall Measuring Mission. International Journal of Climatology, 2007, 27, 541-553.	3.5	19
38	Development of a spatial synoptic classification scheme for western Europe. International Journal of Climatology, 2007, 27, 2017-2040.	3.5	34
39	Climate change and heat-related mortality in six cities Part 1: model construction and validation. International Journal of Biometeorology, 2007, 51, 525-540.	3.0	111
40	River flow teleconnections across the northern North Atlantic region. Geophysical Research Letters, 2006, 33, .	4.0	44
41	A Comparison of TRMM Microwave Techniques for Detecting the Diurnal Rainfall Cycle. Journal of Hydrometeorology, 2006, 7, 687-704.	1.9	19
42	The Interannual Variability and Trend of Precipitable Water over Southern Greece. Journal of Hydrometeorology, 2006, 7, 271-284.	1.9	22
43	Model simulation of meteorology and air quality during the summer PUMA intensive measurement campaign in the UK West Midlands conurbation. Science of the Total Environment, 2006, 360, 26-42.	8.0	8
44	Climatology: its scientific nature and scope. International Journal of Climatology, 2006, 26, 1-5.	3.5	10
45	Linkages between atmospheric circulation, climate and streamflow in the northern North Atlantic: research prospects. Progress in Physical Geography, 2006, 30, 143-174.	3.2	113
46	Winter North Atlantic Oscillation, temperature and ischaemic heart disease mortality in three English counties. International Journal of Biometeorology, 2005, 49, 197-204.	3.0	35
47	Projected Changes in Extreme Weather and Climate Events in Europe. , 2005, , 13-23.		29
48	An examination of the precipitation delivery mechanisms for Dolleman Island, eastern Antarctic Peninsula. Tellus, Series A: Dynamic Meteorology and Oceanography, 2004, 56, 501-513.	1.7	1
49	THE IMPACT OF THE 2003 HEAT WAVE ON MORTALITY AND HOSPITAL ADMISSIONS IN ENGLAND. Epidemiology, 2004, 15, S126.	2.7	37
50	An examination of the precipitation delivery mechanisms for Dolleman Island, eastern Antarctic Peninsula. Tellus, Series A: Dynamic Meteorology and Oceanography, 2004, 56, 501-513.	1.7	12
51	Specification and prediction of monthly and seasonal rainfall over the south-west peninsula of England. Quarterly Journal of the Royal Meteorological Society, 2004, 130, 193-210.	2.7	10
52	Techniques for assessing the climatic sensitivity of river flow regimes. Hydrological Processes, 2004, 18, 2515-2543.	2.6	93
53	A 3 year climatology of rainfall characteristics over tropical and subtropical South America based on tropical rainfall measuring mission precipitation radar data. International Journal of Climatology, 2004, 24, 385-399.	3.5	35
54	Relationships between the seasonality of temperature and ischaemic heart disease mortality: implications for climate based health forecasting. Climate Research, 2004, 25, 253-263.	1.1	16

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55	Diurnal cycle of rainfall over the Brazilian Amazon. Climate Research, 2004, 26, 139-149.	1.1	37
56	Regional climate and atmospheric circulation controls on the discharge of two British rivers, 1974?97. Theoretical and Applied Climatology, 2003, 76, 141-164.	2.8	30
57	Influence of atmospheric circulation changes and regional climate variability on river flow and suspended sediment fluxes in southern Iceland. Hydrological Processes, 2003, 17, 3195-3223.	2.6	34
58	Modelling of meteorological conditions at an urban scale for the PUMA winter campaign. Physics and Chemistry of the Earth, 2002, 27, 1479-1485.	2.9	3
59	The relationship between monthly and seasonal South-west England rainfall anomalies and concurrent North Atlantic sea surface temperatures. International Journal of Climatology, 2002, 22, 197-217.	3.5	29
60	An evaluation of the nature and timing of summer human thermal discomfort in Athens, Greece. Climate Research, 2002, 20, 83-94.	1.1	31
61	Western European Water Vapor Flux–Southwest England Rainfall Associations. Journal of Hydrometeorology, 2001, 2, 505-524.	1.9	16
62	The relationship between synoptic scale airflow direction and daily rainfall: a methodology applied to Devon and Cornwall, South West England. Theoretical and Applied Climatology, 2001, 69, 179-198.	2.8	15
63	The meteorological sensitivity of ischaemic heart disease mortality events in Birmingham, UK. International Journal of Biometeorology, 2001, 45, 133-142.	3.0	36
64	Spatio-temporal variation in microclimate, the surface energy balance and ablation over a cirque glacier. International Journal of Climatology, 2000, 20, 733-758.	3.5	29
65	Spatial and temporal patterns linking southern low and high latitudes during South Pacific warm and cold events. International Journal of Climatology, 2000, 20, 793-801.	3.5	10
66	An approach to hydrograph classification. Hydrological Processes, 2000, 14, 317-338.	2.6	134
67	Basic Meteorology. , 1999, , 21-49.		9
68	Daily hospital respiratory admissions and winter air mass types, Birmingham, UK. International Journal of Biometeorology, 1999, 43, 21-30.	3.0	47
69	A methodology for investigation of the seasonal evolution in proglacial hydrograph form. Hydrological Processes, 1999, 13, 2603-2621.	2.6	31
70	Winter ischaemic heart disease deaths in Birmingham, United Kingdom: a synoptic climatological analysis. Climate Research, 1999, 13, 17-31.	1.1	44
71	Climate anomaly wave-train patterns linking southern low and high latitudes during South Pacific warm and cold events. International Journal of Climatology, 1998, 18, 1181-1193.	3.5	21
72	The utility of a drought index for assessing the drought hazard in Devon and Cornwall, South West England. Meteorological Applications, 1998, 5, 359-372.	2.1	56

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73	Evaluating the impact of climate on snow- and ice-melt dynamics in the Taillon basin, French Pyrénées. Journal of Glaciology, 1997, 43, 563-568.	2.2	0
74	Evaluating the impact of climate on snow- and ice-melt dynamics in the Taillon basin, French Pyrénées. Journal of Glaciology, 1997, 43, 563-568.	2.2	22
75	Identification of air quality affinity areas in Birmingham, UK. Applied Geography, 1996, 16, 109-122.	3.7	14
76	THE ENERGY BALANCE OF A MELTING SNOWPACK IN THE FRENCH PYRENEES DURING WARM ANTICYCLONIC CONDITIONS. International Journal of Climatology, 1996, 16, 479-486.	3.5	19
77	The human bioclimates of Western and South Pacific islands and climate change. International Journal of Biometeorology, 1995, 39, 5-12.	3.0	7
78	Theoretical current and future indoor thermal preferendum for equatorial western and tropical South Pacific. Theoretical and Applied Climatology, 1995, 50, 227-234.	2.8	2
79	Synoptic typing and its application to the investigation of weather air pollution relationships, Birmingham, United Kingdom. Theoretical and Applied Climatology, 1995, 51, 223-236.	2.8	104
80	The tropical cyclone hazard over the South China Sea 1970–1989. Applied Geography, 1995, 15, 35-52.	3.7	16
81	A preliminary assessment of the spatial and temporal characteristics of human comfort in China. International Journal of Climatology, 1993, 13, 707-725.	3.5	14
82	A multivariate approach to the evaluation of the climatic regions and climatic resources of China. Geoforum, 1993, 24, 357-380.	2.5	18
83	Temporal and spatial characteristics of coastal rainfall anomalies in Papua New Guinea and their relationship to the Southern Oscillation. International Journal of Climatology, 1992, 12, 449-468.	3.5	10
84	APPLICATION OF REGIONAL FLOOD FREQUENCY ANALYSIS TO LARGE TROPICAL CATCHMENTS: A CASE STUDY IN THE SEPIK BASIN, PAPUA NEW GUINEA. Singapore Journal of Tropical Geography, 1990, 11, 1-12.	0.9	2
85	Snowpack structure and avalanching, Craigieburn Range, New Zealand. New Zealand Journal of Geology, and Geophysics, 1990, 33, 405-417.	1.8	3
86	AN ASSESSMENT OF THE ANNUAL VARIABILITY OF RAINFALL: PORT MORESBY, PAPUA NEW GUINEA. Singapore Journal of Tropical Geography, 1989, 10, 43-54.	0.9	4
87	Snow avalanche terrain of the Craigieburn Range, Central Canterbury, New Zealand. New Zealand Journal of Geology, and Geophysics, 1989, 32, 401-409.	1.8	1
88	Weathering characteristics of Late Pleistocene tills. New Zealand Journal of Geology, and Geophysics, 1981, 24, 107-113.	1.8	10
89	Adjustment to Avalanche Hazard in New Zealand. New Zealand Geographer, 1981, 37, 25-31.	0.9	11