

Glenn R Mcgregor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1670805/publications.pdf>

Version: 2024-02-01

89
papers

4,021
citations

136940

32
h-index

144002

57
g-index

95
all docs

95
docs citations

95
times ranked

4722
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Investigating the relationship of meteorological/climatological conditions and wildfires in Greece. <i>Theoretical and Applied Climatology</i> , 2013, 112, 113-126.	2.8	15
20	The development of a heat wave vulnerability index for London, United Kingdom. <i>Weather and Climate Extremes</i> , 2013, 1, 59-68.	4.1	220
21	A large-scale hydroclimatological perspective on western European river flow regimes. <i>Hydrology Research</i> , 2013, 44, 809-833.	2.7	8
22	Climatic characteristics of summer human thermal discomfort in Athens and its connection to atmospheric circulation. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 3271-3279.	3.6	26
23	Human biometeorology. <i>Progress in Physical Geography</i> , 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. <i>Climatic Change</i> , 2012, 112, 217-231.	3.6	43
26	Regional classification, variability, and trends of northern North Atlantic river flow. <i>Hydrological Processes</i> , 2011, 25, 1021-1033.	2.6	27
27	Southern hemisphere atmospheric circulation: impacts on Antarctic climate and reconstructions from Antarctic ice core data. <i>Climatic Change</i> , 2010, 99, 155-192.	3.6	39
28	Climateâ€™river flow relationships across montane and lowland environments in northern Europe. <i>Hydrological Processes</i> , 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. <i>International Journal of Biometeorology</i> , 2009, 53, 31-51.	3.0	145
30	Associations between elevated atmospheric temperature and human mortality: a critical review of the literature. <i>Climatic Change</i> , 2009, 92, 299-341.	3.6	340
31	Assessing Vulnerability to Heat Stress in Urban Areas. The Example of Greater London. <i>Epidemiology</i> , 2009, 20, S24.	2.7	16
32	Eastern Antarctic Peninsula precipitation delivery mechanisms: process studies and back trajectory evaluation. <i>Atmospheric Science Letters</i> , 2008, 9, 214-221.	1.9	2
33	Climate Change, Tropospheric Ozone and Particulate Matter, and Health Impacts. <i>Environmental Health Perspectives</i> , 2008, 116, 1449-1455.	6.0	220
34	Large-Scale Climatic Controls on New England River Flow. <i>Journal of Hydrometeorology</i> , 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. <i>Environmental Health</i> , 2007, 6, 12.	4.0	66
36	Integrating climateâ€™hydrologyâ€™ecology for alpine river systems. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2007, 17, 636-656.	2.0	95

#	ARTICLE	IF	CITATIONS
37	Observation and characterisation of rainfall over Hawaii and surrounding region from the Tropical Rainfall Measuring Mission. <i>International Journal of Climatology</i> , 2007, 27, 541-553.	3.5	19
38	Development of a spatial synoptic classification scheme for western Europe. <i>International Journal of Climatology</i> , 2007, 27, 2017-2040.	3.5	34
39	Climate change and heat-related mortality in six cities Part 1: model construction and validation. <i>International Journal of Biometeorology</i> , 2007, 51, 525-540.	3.0	111
40	River flow teleconnections across the northern North Atlantic region. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	44
41	A Comparison of TRMM Microwave Techniques for Detecting the Diurnal Rainfall Cycle. <i>Journal of Hydrometeorology</i> , 2006, 7, 687-704.	1.9	19
42	The Interannual Variability and Trend of Precipitable Water over Southern Greece. <i>Journal of Hydrometeorology</i> , 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. <i>Science of the Total Environment</i> , 2006, 360, 26-42.	8.0	8
44	Climatology: its scientific nature and scope. <i>International Journal of Climatology</i> , 2006, 26, 1-5.	3.5	10
45	Linkages between atmospheric circulation, climate and streamflow in the northern North Atlantic: research prospects. <i>Progress in Physical Geography</i> , 2006, 30, 143-174.	3.2	113
46	Winter North Atlantic Oscillation, temperature and ischaemic heart disease mortality in three English counties. <i>International Journal of Biometeorology</i> , 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. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2004, 56, 501-513.	1.7	1
49	THE IMPACT OF THE 2003 HEAT WAVE ON MORTALITY AND HOSPITAL ADMISSIONS IN ENGLAND. <i>Epidemiology</i> , 2004, 15, S126.	2.7	37
50	An examination of the precipitation delivery mechanisms for Dolleman Island, eastern Antarctic Peninsula. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2004, 56, 501-513.	1.7	12
51	Specification and prediction of monthly and seasonal rainfall over the south-west peninsula of England. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2004, 130, 193-210.	2.7	10
52	Techniques for assessing the climatic sensitivity of river flow regimes. <i>Hydrological Processes</i> , 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. <i>International Journal of Climatology</i> , 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. <i>Climate Research</i> , 2004, 25, 253-263.	1.1	16

#	ARTICLE	IF	CITATIONS
55	Diurnal cycle of rainfall over the Brazilian Amazon. <i>Climate Research</i> , 2004, 26, 139-149.	1.1	37
56	Regional climate and atmospheric circulation controls on the discharge of two British rivers, 1974-1997. <i>Theoretical and Applied Climatology</i> , 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. <i>Hydrological Processes</i> , 2003, 17, 3195-3223.	2.6	34
58	Modelling of meteorological conditions at an urban scale for the PUMA winter campaign. <i>Physics and Chemistry of the Earth</i> , 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. <i>International Journal of Climatology</i> , 2002, 22, 197-217.	3.5	29
60	An evaluation of the nature and timing of summer human thermal discomfort in Athens, Greece. <i>Climate Research</i> , 2002, 20, 83-94.	1.1	31
61	Western European Water Vapor Flux and Southwest England Rainfall Associations. <i>Journal of Hydrometeorology</i> , 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. <i>Theoretical and Applied Climatology</i> , 2001, 69, 179-198.	2.8	15
63	The meteorological sensitivity of ischaemic heart disease mortality events in Birmingham, UK. <i>International Journal of Biometeorology</i> , 2001, 45, 133-142.	3.0	36
64	Spatio-temporal variation in microclimate, the surface energy balance and ablation over a cirque glacier. <i>International Journal of Climatology</i> , 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. <i>International Journal of Climatology</i> , 2000, 20, 793-801.	3.5	10
66	An approach to hydrograph classification. <i>Hydrological Processes</i> , 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. <i>International Journal of Biometeorology</i> , 1999, 43, 21-30.	3.0	47
69	A methodology for investigation of the seasonal evolution in proglacial hydrograph form. <i>Hydrological Processes</i> , 1999, 13, 2603-2621.	2.6	31
70	Winter ischaemic heart disease deaths in Birmingham, United Kingdom: a synoptic climatological analysis. <i>Climate Research</i> , 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. <i>International Journal of Climatology</i> , 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. <i>Meteorological Applications</i> , 1998, 5, 359-372.	2.1	56

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