Scott M Robeson

List of Publications by Year
in descending order

80	3,948	172457 29	128289 60
papers	citations	h-index	g-index

82	82	82	5756
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impacts of climate change and urbanization on food retailers in urban sub-Saharan Africa. Current Opinion in Environmental Sustainability, 2022, 55, 101169.	6.3	17
2	Choosing an arbitrary calibration period for hydrologic models: How much does it influence water balance simulations?. Hydrological Processes, 2021, 35, e14045.	2.6	20
3	Perceptions and adaptation behavior of farmers to climate change in the upper Brahmaputra Valley, India. Environment, Development and Sustainability, 2021, 23, 15529-15549.	5.0	8
4	Assessing bias in diameter at breast height estimated from tree rings and its effects on basal area increment and biomass. Dendrochronologia, 2021, 67, 125844.	2.2	10
5	Climate change impacts and urban green space adaptation efforts: Evidence from U.S. municipal parks and recreation departments. Urban Climate, 2021, 39, 100962.	5.7	16
6	Land-use dynamics associated with mangrove deforestation for aquaculture and the subsequent abandonment of ponds. Science of the Total Environment, 2021, 791, 148320.	8.0	16
7	Incorporating rain-on-snow into the SWAT model results in more accurate simulations of hydrologic extremes. Journal of Hydrology, 2021, 603, 126972.	5.4	18
8	Recent increases in tropical cyclone precipitation extremes over the US east coast. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
9	Spatio-temporal characterization of tropospheric ozone and its precursor pollutants NO2 and HCHO over South Asia. Science of the Total Environment, 2021, 809, 151135.	8.0	18
10	Impacts of climate change on the state of Indiana: ensemble future projections based on statistical downscaling. Climatic Change, 2020, 163, 1881-1895.	3.6	32
11	Bias Correction of Paleoclimatic Reconstructions: A New Look at 1,200+ Years of Upper Colorado River Flow. Geophysical Research Letters, 2020, 47, e2019GL086689.	4.0	23
12	Spatiotemporal Variability of Tropical Cyclone Precipitation Using a High-Resolution, Gridded (0.25Â° Ã— Tj ETQq0 0 0 rgBT /Overlock 1	3.2	11
13	Spatial and temporal patterns of land loss in the Lower Mississippi River Delta from 1983 to 2016. Remote Sensing of Environment, 2020, 250, 112046.	11.0	14
14	Demographic shifts in eastern US forests increase the impact of lateâ€season drought on forest growth. Ecography, 2020, 43, 1475-1486.	4.5	27
15	Monitoring Forest Infestation and Fire Disturbance in the Southern Appalachian Using a Time Series Analysis of Landsat Imagery. Remote Sensing, 2020, 12, 2412.	4.0	7
16	Accessibility to emergency food systems in south-central Indiana evaluated by spatiotemporal indices of pressure at county and pantry level. Nature Food, 2020, 1, 284-291.	14.0	11
17	The effect of end-point adjustments on smoothing splines used for tree-ring standardization. Dendrochronologia, 2020, 60, 125665.	2.2	8
18	A critique of the objective function utilized in calculating the Thrifty Food Plan. PLoS ONE, 2019, 14, e0219895.	2.5	8

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19	Higher CO 2 Concentrations and Lower Acidic Deposition Have Not Changed Drought Response in Tree Growth But Do Influence iWUE in Hardwood Trees in the Midwestern United States. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 3798-3813.	3.0	22
20	Comparing three approaches to reconstructing streamflow using tree rings in the Wabash River basin in the Midwestern, US. Journal of Hydrology, 2019, 573, 829-840.	5.4	12
21	Intrinsic random functions on the sphere. Statistics and Probability Letters, 2019, 146, 7-14.	0.7	2
22	Investigating the use of Alos Prism data in detecting mangrove succession through canopy height estimation. Ecological Indicators, 2018, 87, 136-143.	6.3	15
23	A Global Empirical Model for Nearâ€Realâ€Time Assessment of Seismically Induced Landslides. Journal of Geophysical Research F: Earth Surface, 2018, 123, 1835-1859.	2.8	135
24	Natural and managed watersheds show similar responses to recent climate change. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8553-8557.	7.1	72
25	Largeâ€scale control of the lower stratosphere on variability of tropical cyclone intensity. Geophysical Research Letters, 2017, 44, 4313-4323.	4.0	15
26	Capturing species-level drought responses in a temperate deciduous forest using ratios of photochemical reflectance indices between sunlit and shaded canopies. Remote Sensing of Environment, 2017, 199, 350-359.	11.0	21
27	Land-use/land-cover change and forest fragmentation in the Jigme Dorji National Park, Bhutan. Physical Geography, 2017, 38, 18-35.	1.4	36
28	Climate and Other Models May Be More Accurate Than Reported. Eos, 2017, , .	0.1	15
29	Projecting changes in regional temperature and precipitation extremes in the United States. Weather and Climate Extremes, 2016, 11, 28-40.	4.1	55
30	Impacts of recent climate change on trends in baseflow and stormflow in United States watersheds. Geophysical Research Letters, 2016, 43, 5079-5088.	4.0	92
31	Mapping spatial distribution and biomass of coastal wetland vegetation in Indonesian Papua by combining active and passive remotely sensed data. Remote Sensing of Environment, 2016, 183, 65-81.	11.0	112
32	Revisiting empirical ocean-colour algorithms for remote estimation of chlorophyll-a content on a global scale. International Journal of Remote Sensing, 2016, 37, 2682-2705.	2.9	5
33	On the declining relationship between tree growth and climate in the Midwest United States: the fading drought signal. Climatic Change, 2016, 138, 127-142.	3.6	42
34	The Influence of Climate Model Biases on Projections of Aridity and Drought. Journal of Climate, 2016, 29, 1269-1285.	3.2	36
35	Intrinsic random functions and universal kriging on the circle. Statistics and Probability Letters, 2016, 108, 33-39.	0.7	4
36	Revisiting the recent California drought as an extreme value. Geophysical Research Letters, 2015, 42, 6771-6779.	4.0	177

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37	Assessment of three dimensionless measures of model performance. Environmental Modelling and Software, 2015, 73, 167-174.	4.5	59
38	Comparing the performance of multispectral vegetation indices and machine-learning algorithms for remote estimation of chlorophyll content: a case study in the Sundarbans mangrove forest. International Journal of Remote Sensing, 2015, 36, 3114-3133.	2.9	21
39	Trends in hemispheric warm and cold anomalies. Geophysical Research Letters, 2014, 41, 9065-9071.	4.0	24
40	Trends in the near-zero range of the minimum air-temperature distribution. Physical Geography, 2014, 35, 429-442.	1.4	2
41	Point-pattern analysis on the sphere. Spatial Statistics, 2014, 10, 76-86.	1.9	17
42	Patterns of North American Fern and Lycophyte Richness at Three Taxonomic Levels. American Fern Journal, 2013, 103, 193-214.	0.3	5
43	A simplified representation of the covariance structure of axially symmetric processes on the sphere. Statistics and Probability Letters, 2012, 82, 1346-1351.	0.7	15
44	A refined index of model performance. International Journal of Climatology, 2012, 32, 2088-2094.	3.5	906
45	Relationships between fire severity and post-fire landscape pattern following a large mixed-severity fire in the Valle Vidal, New Mexico, USA. Forest Ecology and Management, 2011, 261, 1392-1400.	3.2	29
46	On the Validity of Commonly Used Covariance and Variogram Functions on the Sphere. Mathematical Geosciences, 2011, 43, 721-733.	2.4	70
47	Changes in Annual Land-Surface Precipitation Over the Twentieth and Early Twenty-First Century. Annals of the American Association of Geographers, 2010, 100, 729-739.	3.0	29
48	Ambiguities inherent in sums-of-squares-based error statistics. Atmospheric Environment, 2009, 43, 749-752.	4.1	154
49	Spatial Variability of Landscape Pattern Change Following a Ponderosa Pine Wildfire in Northeastern New Mexico, USA. Physical Geography, 2009, 30, 410-429.	1.4	16
50	Statistical Characteristics of Daily Precipitation: Comparisons of Gridded and Point Datasets. Journal of Applied Meteorology and Climatology, 2008, 47, 2468-2476.	1.5	95
51	Applied climatology: drought. Progress in Physical Geography, 2008, 32, 303-309.	3.2	8
52	Geographic Box Plots. Physical Geography, 2007, 28, 331-344.	1.4	10
53	Downscaling daily maximum and minimum temperatures in the midwestern USA: a hybrid empirical approach. International Journal of Climatology, 2007, 27, 439-454.	3.5	38
54	Daily Precipitation Grids for South America. Bulletin of the American Meteorological Society, 2006, 87, 1095.	3.3	9

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55	Identifying Rogue Air Temperature Stations Using Cluster Analysis of Percentileâ€‰Trends. Journal of Climate, 2005, 18, 1275-1287.	3.2	11
56	Statistical Climatology. , 2005, , 687-694.		1
57	Determining the Spatial Representativeness of Air-Temperature Records Using Variogram-Nugget Time Series. Physical Geography, 2004, 25, 513-530.	1.4	26
58	Trends in time-varying percentiles of daily minimum and maximum temperature over North America. Geophysical Research Letters, 2004, 31, .	4.0	74
59	Settlement Design, Forest Fragmentation, and Landscape Change in RondÃ´nia, AmazÃ´nia. Photogrammetric Engineering and Remote Sensing, 2003, 69, 805-812.	0.6	78
60	Seasonal and spatial variations of cross-correlation matrices used by stochastic weather generators. Climate Research, 2003, 24, 95-102.	1.1	7
61	Increasing Growing-Season Length in Illinois during the 20th Century. Climatic Change, 2002, 52, 219-238.	3.6	111
62	Relationships between mean and standard deviation of air temperature: implications for global warming. Climate Research, 2002, 22, 205-213.	1.1	38
63	Identifying the Distance of Vegetative Edge Effects Using Landsat TM Data and Geostatistical Methods. Geocarto International, 2001, 16, 61-70.	3.5	6
64	Spatial variability of micro-climatic conditions within a mid-latitude deciduous forest. Climate Research, 2000, 15, 137-149.	1.1	53
65	SIMULATION OF DAILY TOTAL WIND ENERGY USING A TIME-SERIES MODEL. Physical Geography, 1998, 19, 463-484.	1.4	1
66	Comparison of temporal and unresolved spatial variability in multiyear time-averages of air temperature. Climate Research, 1998, 10, 15-26.	1.1	10
67	Spherical Methods for Spatial Interpolation: Review and Evaluation. Cartography and Geographic Information Science, 1997, 24, 3-20.	1.0	50
68	SPATIAL COHERENCE AND DECAY OF WIND SPEED AND POWER IN THE NORTH-CENTRAL UNITED STATES. Physical Geography, 1997, 18, 479-495.	1.4	33
69	Analyzing the discharge regime of a large tropical river through remote sensing, ground-based climatic data, and modeling. Water Resources Research, 1996, 32, 3137-3150.	4.2	124
70	COMPARISON OF APPROACHES FOR ESTIMATING TIME-AVERAGED PRECIPITATION USING DATA FROM THE USA. International Journal of Climatology, 1996, 16, 1103-1115.	3.5	32
71	A Spatial Resampling Perspective on the Depiction of Global Air Temperature Anomalies. Bulletin of the American Meteorological Society, 1995, 76, 1179-1183.	3.3	4
72	Climatologically aided interpolation (CAI) of terrestrial air temperature. International Journal of Climatology, 1995, 15, 221-229.	3.5	294

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73	Resampling of network-induced variability in estimates of terrestrial air temperature change. Climatic Change, 1995, 29, 213-229.	3.6	17
74	Estimating continental and terrestrial precipitation averages from rain-gauge networks. International Journal of Climatology, 1994, 14, 403-414.	3.5	75
75	Influence of spatial sampling and interpolation on estimates of air temperature change. Climate Research, 1994, 4, 119-126.	1.1	26
76	Vector Correlation: Review, Exposition, and Geographic Application. Annals of the American Association of Geographers, 1992, 82, 103-116.	3.0	58
77	Influence of spatially variable instrument networks on climatic averages. Geophysical Research Letters, 1991, 18, 2249-2251.	4.0	40
78	Evaluation and comparison of statistical forecast models for daily maximum ozone concentrations. Atmospheric Environment Part B Urban Atmosphere, 1990, 24, 303-312.	0.5	90
79	A conditional probability density function for forecasting ozone air quality data. Atmospheric Environment, 1989, 23, 689-692.	1.0	12
80	Tracks of Death: Elephant Casualties along the Habaipurâ€“Diphu Railway in Assam, India. Annals of the American Association of Geographers, 0, , 1-23.	2.2	4