

Gabriele C Hegerl

List of Publications by Year in descending order

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Version: 2024-02-01

143
papers

19,227
citations

18465

62
h-index

11928

134
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149
all docs

149
docs citations

149
times ranked

15096
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Human contribution to more-intense precipitation extremes. <i>Nature</i> , 2011, 470, 378-381. | 13.7 | 1,695 |
| 2 | Indices for monitoring changes in extremes based on daily temperature and precipitation data. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011, 2, 851-870. | 3.6 | 1,325 |
| 3 | Trends in Intense Precipitation in the Climate Record. <i>Journal of Climate</i> , 2005, 18, 1326-1350. | 1.2 | 1,125 |
| 4 | Annular Modes in the Extratropical Circulation. Part II: Trends. <i>Journal of Climate</i> , 2000, 13, 1018-1036. | 1.2 | 936 |
| 5 | Changes in Temperature and Precipitation Extremes in the IPCC Ensemble of Global Coupled Model Simulations. <i>Journal of Climate</i> , 2007, 20, 1419-1444. | 1.2 | 882 |
| 6 | Detection of human influence on twentieth-century precipitation trends. <i>Nature</i> , 2007, 448, 461-465. | 13.7 | 872 |
| 7 | Decadal Prediction. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 1467-1486. | 1.7 | 662 |
| 8 | An Assessment of Earth's Climate Sensitivity Using Multiple Lines of Evidence. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000678. | 9.0 | 498 |
| 9 | The equilibrium sensitivity of the Earth's temperature to radiation changes. <i>Nature Geoscience</i> , 2008, 1, 735-743. | 5.4 | 445 |
| 10 | Avoiding Inhomogeneity in Percentile-Based Indices of Temperature Extremes. <i>Journal of Climate</i> , 2005, 18, 1641-1651. | 1.2 | 363 |
| 11 | Climate sensitivity constrained by temperature reconstructions over the past seven centuries. <i>Nature</i> , 2006, 440, 1029-1032. | 13.7 | 343 |
| 12 | Detecting Greenhouse-Gas-Induced Climate Change with an Optimal Fingerprint Method. <i>Journal of Climate</i> , 1996, 9, 2281-2306. | 1.2 | 304 |
| 13 | The Detection and Attribution Model Intercomparison Project (DAMIP v1.0) contribution to CMIP6. <i>Geoscientific Model Development</i> , 2016, 9, 3685-3697. | 1.3 | 280 |
| 14 | Spatial and seasonal patterns in climate change, temperatures, and precipitation across the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7324-7329. | 3.3 | 260 |
| 15 | European summer temperatures since Roman times. <i>Environmental Research Letters</i> , 2016, 11, 024001. | 2.2 | 260 |
| 16 | Detection and attribution of climate change: a regional perspective. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2010, 1, 192-211. | 3.6 | 259 |
| 17 | A verification framework for interannual-to-decadal predictions experiments. <i>Climate Dynamics</i> , 2013, 40, 245-272. | 1.7 | 254 |
| 18 | Attributing intensification of precipitation extremes to human influence. <i>Geophysical Research Letters</i> , 2013, 40, 5252-5257. | 1.5 | 254 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Multi-fingerprint detection and attribution analysis of greenhouse gas, greenhouse gas-plus-aerosol and solar forced climate change. <i>Climate Dynamics</i> , 1997, 13, 613-634. | 1.7 | 250 |
| 20 | Detection of Human Influence on a New, Validated 1500-Year Temperature Reconstruction. <i>Journal of Climate</i> , 2007, 20, 650-666. | 1.2 | 249 |
| 21 | Simulation of the influence of solar radiation variations on the global climate with an ocean-atmosphere general circulation model. <i>Climate Dynamics</i> , 1997, 13, 757-767. | 1.7 | 243 |
| 22 | Use of models in detection and attribution of climate change. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011, 2, 570-591. | 3.6 | 225 |
| 23 | Attribution of polar warming to human influence. <i>Nature Geoscience</i> , 2008, 1, 750-754. | 5.4 | 222 |
| 24 | Beyond equilibrium climate sensitivity. <i>Nature Geoscience</i> , 2017, 10, 727-736. | 5.4 | 217 |
| 25 | Challenges in Quantifying Changes in the Global Water Cycle. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1097-1115. | 1.7 | 212 |
| 26 | A Review of Uncertainties in Global Temperature Projections over the Twenty-First Century. <i>Journal of Climate</i> , 2008, 21, 2651-2663. | 1.2 | 209 |
| 27 | The Effect of Local Sea Surface Temperatures on Atmospheric Circulation over the Tropical Atlantic Sector. <i>Journal of Climate</i> , 2000, 13, 2195-2216. | 1.2 | 195 |
| 28 | Influence of Modes of Climate Variability on Global Temperature Extremes. <i>Journal of Climate</i> , 2008, 21, 3872-3889. | 1.2 | 190 |
| 29 | Detectability of Anthropogenic Changes in Annual Temperature and Precipitation Extremes. <i>Journal of Climate</i> , 2004, 17, 3683-3700. | 1.2 | 186 |
| 30 | Understanding, modeling and predicting weather and climate extremes: Challenges and opportunities. <i>Weather and Climate Extremes</i> , 2017, 18, 65-74. | 1.6 | 178 |
| 31 | Detection of volcanic, solar and greenhouse gas signals in paleo-reconstructions of Northern Hemispheric temperature. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a. | 1.5 | 163 |
| 32 | Small influence of solar variability on climate over the past millennium. <i>Nature Geoscience</i> , 2014, 7, 104-108. | 5.4 | 162 |
| 33 | Influence of Modes of Climate Variability on Global Precipitation Extremes. <i>Journal of Climate</i> , 2010, 23, 6248-6262. | 1.2 | 150 |
| 34 | Detection and Attribution of Recent Climate Change: A Status Report. <i>Bulletin of the American Meteorological Society</i> , 1999, 80, 2631-2659. | 1.7 | 145 |
| 35 | Separating Forced from Chaotic Climate Variability over the Past Millennium. <i>Journal of Climate</i> , 2013, 26, 6954-6973. | 1.2 | 139 |
| 36 | The Model Intercomparison Project on the climatic response to Volcanic forcing (VolMIP): experimental design and forcing input data for CMIP6. <i>Geoscientific Model Development</i> , 2016, 9, 2701-2719. | 1.3 | 138 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Decreased monsoon precipitation in the Northern Hemisphere due to anthropogenic aerosols. <i>Geophysical Research Letters</i> , 2014, 41, 6023-6029. | 1.5 | 133 |
| 38 | Regional climate changes as simulated in time-slice experiments. <i>Climatic Change</i> , 1995, 31, 273-304. | 1.7 | 128 |
| 39 | Detection of changes in temperature extremes during the second half of the 20th century. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 127 |
| 40 | Distinguishing the Roles of Natural and Anthropogenically Forced Decadal Climate Variability. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 141-156. | 1.7 | 125 |
| 41 | Detectable Changes in the Frequency of Temperature Extremes. <i>Journal of Climate</i> , 2013, 26, 1561-1574. | 1.2 | 124 |
| 42 | Influence of human and natural forcing on European seasonal temperatures. <i>Nature Geoscience</i> , 2011, 4, 99-103. | 5.4 | 118 |
| 43 | The effect of volcanic eruptions on global precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8770-8786. | 1.2 | 117 |
| 44 | Millennial temperature reconstruction intercomparison and evaluation. <i>Climate of the Past</i> , 2007, 3, 591-609. | 1.3 | 116 |
| 45 | The early 20th century warming: Anomalies, causes, and consequences. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2018, 9, e522. | 3.6 | 116 |
| 46 | Constraining human contributions to observed warming since the pre-industrial period. <i>Nature Climate Change</i> , 2021, 11, 207-212. | 8.1 | 108 |
| 47 | Monte Carlo climate change forecasts with a global coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 1994, 10, 1-19. | 1.7 | 106 |
| 48 | The global precipitation response to volcanic eruptions in the CMIP5 models. <i>Environmental Research Letters</i> , 2014, 9, 104012. | 2.2 | 102 |
| 49 | Causes of climate change over the historical record. <i>Environmental Research Letters</i> , 2019, 14, 123006. | 2.2 | 95 |
| 50 | Modeling ocean heat content changes during the last millennium. <i>Geophysical Research Letters</i> , 2003, 30, . | 1.5 | 94 |
| 51 | Importance of the pre-industrial baseline for likelihood of exceeding Paris goals. <i>Nature Climate Change</i> , 2017, 7, 563-567. | 8.1 | 93 |
| 52 | Last phase of the Little Ice Age forced by volcanic eruptions. <i>Nature Geoscience</i> , 2019, 12, 650-656. | 5.4 | 93 |
| 53 | Connecting Atmospheric Blocking to European Temperature Extremes in Spring. <i>Journal of Climate</i> , 2017, 30, 585-594. | 1.2 | 88 |
| 54 | Elusive extremes. <i>Nature Geoscience</i> , 2011, 4, 142-143. | 5.4 | 82 |

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|----|---|-----|-----------|
| 55 | Climate Change Detection and Attribution: Beyond Mean Temperature Signals. <i>Journal of Climate</i> , 2006, 19, 5058-5077. | 1.2 | 79 |
| 56 | Role of the North Atlantic Oscillation in decadal temperature trends. <i>Environmental Research Letters</i> , 2017, 12, 114010. | 2.2 | 79 |
| 57 | Detecting anthropogenic influence with a multi-model ensemble. <i>Geophysical Research Letters</i> , 2002, 29, 31-1-31-4. | 1.5 | 78 |
| 58 | The importance of ENSO phase during volcanic eruptions for detection and attribution. <i>Geophysical Research Letters</i> , 2016, 43, 2851-2858. | 1.5 | 75 |
| 59 | The role of land use change in the recent warming of daily extreme temperatures. <i>Geophysical Research Letters</i> , 2013, 40, 589-594. | 1.5 | 71 |
| 60 | Summer heat waves over Eastern China: dynamical processes and trend attribution. <i>Environmental Research Letters</i> , 2017, 12, 024015. | 2.2 | 71 |
| 61 | A climate change simulation starting from 1935. <i>Climate Dynamics</i> , 1995, 11, 71-84. | 1.7 | 67 |
| 62 | Detectable Impact of Local and Remote Anthropogenic Aerosols on the 20th Century Changes of West African and South Asian Monsoon Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4871-4889. | 1.2 | 67 |
| 63 | Risks of Climate Engineering. <i>Science</i> , 2009, 325, 955-956. | 6.0 | 65 |
| 64 | A Comparison of Surface Air Temperature Variability in Three 1000-Yr Coupled Ocean-Atmosphere Model Integrations. <i>Journal of Climate</i> , 2000, 13, 513-537. | 1.2 | 62 |
| 65 | Emerging local warming signals in observational data. <i>Geophysical Research Letters</i> , 2012, 39, . | 1.5 | 59 |
| 66 | Systematic change in global patterns of streamflow following volcanic eruptions. <i>Nature Geoscience</i> , 2015, 8, 838-842. | 5.4 | 59 |
| 67 | Relating changes in synoptic circulation to the surface rainfall response using self-organising maps. <i>Climate Dynamics</i> , 2015, 44, 861-879. | 1.7 | 59 |
| 68 | Detectable regional changes in the number of warm nights. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a. | 1.5 | 58 |
| 69 | Causes of Robust Seasonal Land Precipitation Changes*. <i>Journal of Climate</i> , 2013, 26, 6679-6697. | 1.2 | 57 |
| 70 | Towards advancing scientific knowledge of climate change impacts on short-duration rainfall extremes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20190542. | 1.6 | 56 |
| 71 | Atmospheric Climate Change Detection by Radio Occultation Data Using a Fingerprinting Method. <i>Journal of Climate</i> , 2011, 24, 5275-5291. | 1.2 | 53 |
| 72 | Have greenhouse gases intensified the contrast between wet and dry regions?. <i>Geophysical Research Letters</i> , 2013, 40, 4783-4787. | 1.5 | 53 |

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|----|---|------|-----------|
| 73 | Optimal detection and attribution of climate change: sensitivity of results to climate model differences. <i>Climate Dynamics</i> , 2000, 16, 737-754. | 1.7 | 52 |
| 74 | Quantifying anthropogenic influence on recent near-surface temperature change. <i>Surveys in Geophysics</i> , 2006, 27, 491-544. | 2.1 | 50 |
| 75 | Delayed winter warming: A robust decadal response to strong tropical volcanic eruptions?. <i>Geophysical Research Letters</i> , 2013, 40, 204-209. | 1.5 | 48 |
| 76 | Comparison of Statistically Optimal Approaches to Detecting Anthropogenic Climate Change. <i>Journal of Climate</i> , 1997, 10, 1125-1133. | 1.2 | 46 |
| 77 | Implications of changes in the northern hemisphere circulation for the detection of anthropogenic climate change. <i>Geophysical Research Letters</i> , 2000, 27, 993-996. | 1.5 | 44 |
| 78 | Determining the likelihood of pauses and surges in global warming. <i>Geophysical Research Letters</i> , 2015, 42, 5974-5982. | 1.5 | 41 |
| 79 | Changes in seasonal land precipitation during the latter twentieth century. <i>Geophysical Research Letters</i> , 2012, 39, . | 1.5 | 40 |
| 80 | Attributing cause and effect. <i>Nature</i> , 2008, 453, 296-297. | 13.7 | 39 |
| 81 | Attributing and Projecting Heatwaves Is Hard: We Can Do Better. <i>Earth's Future</i> , 2022, 10, . | 2.4 | 39 |
| 82 | Comparing Methods to Constrain Future European Climate Projections Using a Consistent Framework. <i>Journal of Climate</i> , 2020, 33, 8671-8692. | 1.2 | 37 |
| 83 | Inter-annual tropical Pacific climate variability in an isotope-enabled CGCM: implications for interpreting coral stable oxygen isotope records of ENSO. <i>Climate of the Past</i> , 2013, 9, 1543-1557. | 1.3 | 36 |
| 84 | A Description of a 1260-Year Control Integration with the Coupled ECHAM1/LSG General Circulation Model. <i>Journal of Climate</i> , 1997, 10, 1525-1543. | 1.2 | 35 |
| 85 | Single-step attribution of increasing frequencies of very warm regional temperatures to human influence. <i>Atmospheric Science Letters</i> , 2011, 12, 220-227. | 0.8 | 35 |
| 86 | Factors Contributing to Record-Breaking Heat Waves over the Great Plains during the 1930s Dust Bowl. <i>Journal of Climate</i> , 2017, 30, 2437-2461. | 1.2 | 35 |
| 87 | Strengthening contrast between precipitation in tropical wet and dry regions. <i>Geophysical Research Letters</i> , 2017, 44, 365-373. | 1.5 | 35 |
| 88 | Evaluation of the HadGEM3-A simulations in view of detection and attribution of human influence on extreme events in Europe. <i>Climate Dynamics</i> , 2019, 52, 1187-1210. | 1.7 | 34 |
| 89 | Celebrating the anniversary of three key events in climate change science. <i>Nature Climate Change</i> , 2019, 9, 180-182. | 8.1 | 34 |
| 90 | Future changes in the frequency of temperature extremes may be underestimated in tropical and subtropical regions. <i>Communications Earth & Environment</i> , 2021, 2, . | 2.6 | 32 |

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|-----|---|-----|-----------|
| 91 | The value of values in climate science. <i>Nature Climate Change</i> , 2022, 12, 4-6. | 8.1 | 31 |
| 92 | The influences of data precision on the calculation of temperature percentile indices. <i>International Journal of Climatology</i> , 2009, 29, 321-327. | 1.5 | 30 |
| 93 | Impacts of the 1900â€™74 Increase in Anthropogenic Aerosol Emissions from North America and Europe on Eurasian Summer Climate. <i>Journal of Climate</i> , 2018, 31, 8381-8399. | 1.2 | 30 |
| 94 | OCEAN SCIENCE: Warming the World's Oceans. <i>Science</i> , 2005, 309, 254-255. | 6.0 | 29 |
| 95 | A Bayesian Climate Change Detection and Attribution Assessment. <i>Journal of Climate</i> , 2005, 18, 2429-2440. | 1.2 | 28 |
| 96 | Can a Decadal Forecasting System Predict Temperature Extreme Indices?*. <i>Journal of Climate</i> , 2013, 26, 3728-3744. | 1.2 | 28 |
| 97 | Effects of Memory Biases on Variability of Temperature Reconstructions. <i>Journal of Climate</i> , 2019, 32, 8713-8731. | 1.2 | 28 |
| 98 | Present-day greenhouse gases could cause more frequent and longer Dust Bowl heatwaves. <i>Nature Climate Change</i> , 2020, 10, 505-510. | 8.1 | 28 |
| 99 | Human influence strengthens the contrast between tropical wet and dry regions. <i>Environmental Research Letters</i> , 2020, 15, 104026. | 2.2 | 27 |
| 100 | Effect of Observational Sampling Error on the Detection of Anthropogenic Climate Change*. <i>Journal of Climate</i> , 2001, 14, 198-207. | 1.2 | 26 |
| 101 | Influence of Patterns of Climate Variability on the Difference between Satellite and Surface Temperature Trends. <i>Journal of Climate</i> , 2002, 15, 2412-2428. | 1.2 | 25 |
| 102 | Monte Carlo climate change forecasts with a global coupled ocean-atmosphere model. <i>Climate Dynamics</i> , 1994, 10, 1-19. | 1.7 | 25 |
| 103 | Possible causes of data model discrepancy in the temperature history of the last Millennium. <i>Scientific Reports</i> , 2018, 8, 7572. | 1.6 | 24 |
| 104 | Quantifying human contributions to past and future ocean warming and thermosteric sea level rise. <i>Environmental Research Letters</i> , 2019, 14, 074020. | 2.2 | 24 |
| 105 | Changes in temperature and heat waves over Africa using observational and reanalysis data sets. <i>International Journal of Climatology</i> , 2022, 42, 1165-1180. | 1.5 | 23 |
| 106 | Effects of forcing differences and initial conditions on inter-model agreement in the VolMIP volc-pinatubo-full experiment. <i>Geoscientific Model Development</i> , 2022, 15, 2265-2292. | 1.3 | 22 |
| 107 | Evaluation of mechanisms of hot and cold days in climate models over Central Europe. <i>Environmental Research Letters</i> , 2015, 10, 014002. | 2.2 | 21 |
| 108 | Projections of northern hemisphere extratropical climate underestimate internal variability and associated uncertainty. <i>Communications Earth & Environment</i> , 2021, 2, . | 2.6 | 21 |

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|-----|--|-----|-----------|
| 109 | Comparisons of two methods of removing anthropogenically related variability from the near-surface observational temperature field. <i>Journal of Geophysical Research</i> , 1998, 103, 13777-13786. | 3.3 | 20 |
| 110 | Uncertainty levels in predicted patterns of anthropogenic climate change. <i>Journal of Geophysical Research</i> , 2000, 105, 15525-15542. | 3.3 | 20 |
| 111 | Contrasting the Effects of the 1850–1975 Increase in Sulphate Aerosols from North America and Europe on the Atlantic in the CESM. <i>Geophysical Research Letters</i> , 2018, 45, 11,930. | 1.5 | 20 |
| 112 | Comparisons of the Second-Moment Statistics of Climate Models. <i>Journal of Climate</i> , 1996, 9, 2204-2221. | 1.2 | 19 |
| 113 | Greenhouse gas induced climate change. <i>Environmental Science and Pollution Research</i> , 1996, 3, 99-102. | 2.7 | 18 |
| 114 | Impacts of Anthropogenic Forcings and El Niño on Chinese Extreme Temperatures. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 994-1002. | 1.9 | 18 |
| 115 | Toward Consistent Observational Constraints in Climate Predictions and Projections. <i>Frontiers in Climate</i> , 2021, 3, . | 1.3 | 18 |
| 116 | From Past to Future Warming. <i>Science</i> , 2014, 343, 844-845. | 6.0 | 17 |
| 117 | Robust increase in population exposure to heat stress with increasing global warming. <i>Environmental Research Letters</i> , 2022, 17, 064049. | 2.2 | 17 |
| 118 | The Local Aerosol Emission Effect on Surface Shortwave Radiation and Temperatures. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 806-817. | 1.3 | 15 |
| 119 | Origins of Model–Data Discrepancies in Optimal Fingerprinting. <i>Journal of Climate</i> , 2002, 15, 1348-1356. | 1.2 | 14 |
| 120 | Observational constraints on the effective climate sensitivity from the historical period. <i>Environmental Research Letters</i> , 2020, 15, 034043. | 2.2 | 14 |
| 121 | Precipitation sensitivity to warming estimated from long island records. <i>Environmental Research Letters</i> , 2016, 11, 074024. | 2.2 | 13 |
| 122 | Disentangling the causes of the 1816 European year without a summer. <i>Environmental Research Letters</i> , 2019, 14, 094019. | 2.2 | 13 |
| 123 | Ocean and land forcing of the record-breaking Dust Bowl heatwaves across central United States. <i>Nature Communications</i> , 2020, 11, 2870. | 5.8 | 13 |
| 124 | Patterns of change: whose fingerprint is seen in global warming?. <i>Environmental Research Letters</i> , 2011, 6, 044025. | 2.2 | 12 |
| 125 | Using the Past to Predict the Future?. <i>Science</i> , 2011, 334, 1360-1361. | 6.0 | 12 |
| 126 | Large-scale emergence of regional changes in year-to-year temperature variability by the end of the 21st century. <i>Nature Communications</i> , 2021, 12, 7237. | 5.8 | 12 |

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|-----|--|------|-----------|
| 127 | The Potential Effect of GCM Uncertainties and Internal Atmospheric Variability on Anthropogenic Signal Detection. <i>Journal of Climate</i> , 1998, 11, 659-675. | 1.2 | 10 |
| 128 | Detection and prediction of mean and extreme European summer temperatures with a multimodel ensemble. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9631-9641. | 1.2 | 10 |
| 129 | Central-Eastern China Persistent Heat Waves: Evaluation of the AMIP Models. <i>Journal of Climate</i> , 2018, 31, 3609-3624. | 1.2 | 10 |
| 130 | Orbital Forcing Strongly Influences Seasonal Temperature Trends During the Last Millennium. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL088776. | 1.5 | 10 |
| 131 | Inferring changes in ENSO amplitude from the variance of proxy records. <i>Geophysical Research Letters</i> , 2015, 42, 1197-1204. | 1.5 | 9 |
| 132 | Forced and Unforced Decadal Behavior of the Interhemispheric SST Contrast during the Instrumental Period (1881â€“2012): Contextualizing the Late 1960sâ€“Early 1970s Shift. <i>Journal of Climate</i> , 2020, 33, 3487-3509. | 1.2 | 9 |
| 133 | The past as guide to the future. <i>Nature</i> , 1998, 392, 758-759. | 13.7 | 8 |
| 134 | Reconciling Two Approaches to the Detection of Anthropogenic Influence on Climate. <i>Journal of Climate</i> , 2002, 15, 326-329. | 1.2 | 7 |
| 135 | Assessing the Significance of Changes in ENSO Amplitude Using Variance Metrics. <i>Journal of Climate</i> , 2014, 27, 4911-4922. | 1.2 | 7 |
| 136 | Near-term prediction of impact-relevant extreme temperature indices. <i>Climatic Change</i> , 2015, 132, 61-76. | 1.7 | 7 |
| 137 | Circulation analogues and uncertainty in the time-evolution of extreme event probabilities: evidence from the 1947 Central European heatwave. <i>Climate Dynamics</i> , 2019, 53, 2229-2247. | 1.7 | 7 |
| 138 | Substantial changes in the probability of future annual temperature extremes. <i>Atmospheric Science Letters</i> , 2021, 22, e1061. | 0.8 | 7 |
| 139 | Climate change is physics. <i>Communications Earth & Environment</i> , 2022, 3, . | 2.6 | 5 |
| 140 | Discussion of reified Bayesian modelling and inference for physical systems by Michael Goldstein and Jonathan Rougier. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 1243-1245. | 0.4 | 3 |
| 141 | Marine heatwaves in global sea surface temperature records since 1850. <i>Environmental Research Letters</i> , 2022, 17, 084027. | 2.2 | 3 |
| 142 | Uncertainty in climate-sensitivity estimates (Reply). <i>Nature</i> , 2007, 446, E2-E2. | 13.7 | 2 |
| 143 | Global warming: it's not only size that matters. <i>Environmental Research Letters</i> , 2011, 6, 031002. | 2.2 | 0 |