

Sonali Mcdermid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4428207/publications.pdf>

Version: 2024-02-01

24
papers

998
citations

516710

16
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1744
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | GISSâ€E2.1: Configurations and Climatology. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002025. | 3.8 | 234 |
| 2 | Indian summer monsoon: Extreme events, historical changes, and role of anthropogenic forcings. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e571. | 8.1 | 117 |
| 3 | Irrigation as an historical climate forcing. Climate Dynamics, 2015, 44, 1715-1730. | 3.8 | 103 |
| 4 | Representing agriculture in <sc>E</sc>arth <sc>S</sc>ystem <sc>M</sc>odels: Approaches and priorities for development. Journal of Advances in Modeling Earth Systems, 2017, 9, 2230-2265. | 3.8 | 54 |
| 5 | Violent conflict exacerbated drought-related food insecurity between 2009 and 2019 in sub-Saharan Africa. Nature Food, 2021, 2, 603-615. | 14.0 | 51 |
| 6 | CMIP6 Historical Simulations (1850â€“2014) With GISSâ€E2.1. Journal of Advances in Modeling Earth Systems, 2021, 13, e2019MS002034. | 3.8 | 49 |
| 7 | Carbonâ€“Temperatureâ€“Water change analysis for peanut production under climate change: a prototype for the <sc>AgMIP</sc> Coordinated Climateâ€“Crop Modeling Project (C3<sc>MP</sc>). Global Change Biology, 2014, 20, 394-407. | 9.5 | 48 |
| 8 | The response of the South Asian Summer Monsoon circulation to intensified irrigation in global climate model simulations. Climate Dynamics, 2014, 42, 21-36. | 3.8 | 47 |
| 9 | The tropical rain belts with an annual cycle and a continent model intercomparison project: TRACMIP. Journal of Advances in Modeling Earth Systems, 2016, 8, 1868-1891. | 3.8 | 47 |
| 10 | A reporting framework for Sustainable Development Goal 15: Multi-scale monitoring of forest degradation using MODIS, Landsat and Sentinel data. Remote Sensing of Environment, 2020, 237, 111592. | 11.0 | 45 |
| 11 | Soil carbon sequestration simulated in CMIP6-LUMIP models: implications for climatic mitigation. Environmental Research Letters, 2020, 15, 124061. | 5.2 | 35 |
| 12 | Distinct Influences of Land Cover and Land Management on Seasonal Climate. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12017-12039. | 3.3 | 26 |
| 13 | The climate responsibilities of industrial meat and dairy producers. Climatic Change, 2021, 165, 1. | 3.6 | 26 |
| 14 | Climate Change Amplification of Natural Drought Variability: The Historic Mid-Twentieth-Century North American Drought in a Warmer World. Journal of Climate, 2019, 32, 5417-5436. | 3.2 | 23 |
| 15 | Future Climate Change Under SSP Emission Scenarios With GISSâ€E2.1. Journal of Advances in Modeling Earth Systems, 2022, 14, . | 3.8 | 22 |
| 16 | Divergent Regional Climate Consequences of Maintaining Current Irrigation Rates in the 21st Century. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031814. | 3.3 | 17 |
| 17 | Minimizing trade-offs for sustainable irrigation. Nature Geoscience, 2021, 14, 706-709. | 12.9 | 16 |
| 18 | Anthropogenic forcings on the climate of the Aral Sea: A regional modeling perspective. Anthropocene, 2017, 20, 48-60. | 3.3 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Disentangling the Regional Climate Impacts of Competing Vegetation Responses to Elevated Atmospheric CO ₂ . Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034108. | 3.3 | 6 |
| 20 | Climate change impacts vis-a-vis productivity of soybean in vertisol of Madhya Pradesh. Journal of Agrometeorology, 2017, 19, 10-16. | 0.3 | 6 |
| 21 | The Sensitivity of Land-Atmosphere Coupling to Modern Agriculture in the Northern Midlatitudes. Journal of Climate, 2019, 32, 465-484. | 3.2 | 5 |
| 22 | An appeal to cost undermines food security risks of delayed mitigation. Nature Climate Change, 2020, 10, 418-419. | 18.8 | 5 |
| 23 | Moisture and temperature influences on nonlinear vegetation trends in Serengeti National Park. Environmental Research Letters, 2021, 16, 094049. | 5.2 | 3 |
| 24 | Editorial for Special Issue: "Global Vegetation and Land Surface Dynamics in a Changing Climate". Land, 2021, 10, 45. | 2.9 | 0 |