# Sloan Coats

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/833413/publications.pdf

Version: 2024-02-01

| 30 | 2,080 | 361413 | 454955 |
|---|---|---|---|
| papers | citations | 20 h-index | 30 g-index |

| 38 | 38 | 38 | 3238 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Twenty-first century hydroclimate: A continually changing baseline, with more frequent extremes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2108124119. | 7.1 | 42 |
| 2 | Centennialâ€Scale Shifts in Storm Frequency Captured in Paleohurricane Records From The Bahamas Arise Predominantly From Random Variability. Geophysical Research Letters, 2021, 48, e2020GL091145. | 4.0 | 20 |
| 3 | CO<sub>2</sub>-plant effects do not account for the gap between dryness indices and projected dryness impacts in CMIP6 or CMIP5. Environmental Research Letters, 2021, 16, 034018. | 5.2 | 20 |
| 4 | Hydroclimate Dipole Drives Multiâ€Centennial Variability in the Western Tropical North Atlantic Margin During the Middle and Late Holocene. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004184. | 2.9 | 6 |
| 5 | Human-driven greenhouse gas and aerosol emissions cause distinct regional impacts on extreme fire weather. Nature Communications, 2021, 12, 212. | 12.8 | 58 |
| 6 | Does Regional Hydroclimate Change Scale Linearly With Global Warming?. Geophysical Research Letters, 2021, 48, e2021GL095127. | 4.0 | 8 |
| 7 | The Value of Initial Condition Large Ensembles to Robust Adaptation Decisionâ€Making. Earth's Future, 2020, 8, e2012EF001610. | 6.3 | 45 |
| 8 | Plant wax evidence for precipitation and vegetation change from a coastal sinkhole lake in the Bahamas spanning the last 3000â€¯years. Organic Geochemistry, 2020, 150, 104120. | 1.8 | 13 |
| 9 | Atlanticâ€Pacific Gradients Drive Last Millennium Hydroclimate Variability in Mesoamerica. Geophysical Research Letters, 2020, 47, e2020GL088061. | 4.0 | 18 |
| 10 | Paleoclimate Constraints on the Spatiotemporal Character of Past and Future Droughts. Journal of Climate, 2020, 33, 9883-9903. | 3.2 | 13 |
| 11 | Stormquakes. Geophysical Research Letters, 2019, 46, 12909-12918. | 4.0 | 29 |
| 12 | Oceanâ€Atmosphere Trajectories of Extended Drought in Southwestern North America. Journal of Geophysical Research D: Atmospheres, 2019, 124, 8953-8971. | 3.3 | 6 |
| 13 | Climate Variability, Volcanic Forcing, and Last Millennium Hydroclimate Extremes. Journal of Climate, 2018, 31, 4309-4327. | 3.2 | 47 |
| 14 | A Robust Null Hypothesis for the Potential Causes of Megadrought in Western North America. Journal of Climate, 2018, 31, 3-24. | 3.2 | 47 |
| 15 | Cold Tropical Pacific Sea Surface Temperatures During the Late Sixteenthâ€Century North American Megadrought. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,307. | 3.3 | 15 |
| 16 | Exacerbation of the 2013â€“2016 Panâ€Caribbean Drought by Anthropogenic Warming. Geophysical Research Letters, 2018, 45, 10619-10626. | 4.0 | 39 |
| 17 | Coupled Model Biases Breed Spurious Lowâ€Frequency Variability in the Tropical Pacific Ocean. Geophysical Research Letters, 2018, 45, 10,609. | 4.0 | 13 |
| 18 | A Role for the Equatorial Undercurrent in the Ocean Dynamical Thermostat. Journal of Climate, 2018, 31, 6245-6261. | 3.2 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Precipitation, Temperature, and Teleconnection Signals across the Combined North American, Monsoon Asia, and Old World Drought Atlases. Journal of Climate, 2017, 30, 7141-7155. | 3.2 | 46 |
| 20 | Are Simulated and Observed Twentieth Century Tropical Pacific Sea Surface Temperature Trends Significant Relative to Internal Variability?. Geophysical Research Letters, 2017, 44, 9928-9937. | 4.0 | 112 |
| 21 | Projected drought risk in 1.5Â°C and 2Â°C warmer climates. Geophysical Research Letters, 2017, 44, 7419-7428. | 4.0 | 227 |
| 22 | The improbable but unexceptional occurrence of megadrought clustering in the American West during the Medieval Climate Anomaly. Environmental Research Letters, 2016, 11, 074025. | 5.2 | 34 |
| 23 | North American megadroughts in the Common Era: reconstructions and simulations. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 411-432. | 8.1 | 123 |
| 24 | The challenge of accurately quantifying future megadrought risk in the American Southwest. Geophysical Research Letters, 2016, 43, 9225-9233. | 4.0 | 21 |
| 25 | Internal oceanâ€atmosphere variability drives megadroughts in Western North America. Geophysical Research Letters, 2016, 43, 9886-9894. | 4.0 | 56 |
| 26 | Winterâ€toâ€summer precipitation phasing in southwestern North America: A multicentury perspective from paleoclimatic modelâ€data comparisons. Journal of Geophysical Research D: Atmospheres, 2015, 120, 8052-8064. | 3.3 | 23 |
| 27 | Are Simulated Megadroughts in the North American Southwest Forced?*. Journal of Climate, 2015, 28, 124-142. | 3.2 | 68 |
| 28 | North American Pancontinental Droughts in Model Simulations of the Last Millennium*. Journal of Climate, 2015, 28, 2025-2043. | 3.2 | 46 |
| 29 | Global warming and 21st century drying. Climate Dynamics, 2014, 43, 2607-2627. | 3.8 | 782 |
| 30 | Stationarity of the tropical pacific teleconnection to North America in CMIP5/PMIP3 model simulations. Geophysical Research Letters, 2013, 40, 4927-4932. | 4.0 | 68 |