

Weston Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,175
citations

516710

16
h-index

677142

22
g-index

34
all docs

34
docs citations

34
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate impacts of the El Niño Southern Oscillation on South America. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 215-231.	29.7	318
2	Towards an integrated soil moisture drought monitor for East Africa. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 2893-2913.	4.9	129
3	Synchronous crop failures and climate-forced production variability. <i>Science Advances</i> , 2019, 5, eaaw1976.	10.3	105
4	Chinese Rice Production Area Adaptations to Climate Changes, 1949–2010. <i>Environmental Science & Technology</i> , 2015, 49, 2032-2037.	10.0	66
5	Enhanced risk of concurrent regional droughts with increased ENSO variability and warming. <i>Nature Climate Change</i> , 2022, 12, 163-170.	18.8	55
6	Violent conflict exacerbated drought-related food insecurity between 2009 and 2019 in sub-Saharan Africa. <i>Nature Food</i> , 2021, 2, 603-615.	14.0	51
7	Global Cost of Land Degradation. , 2016, , 117-165.		44
8	Crop production variability in North and South America forced by life-cycles of the El Niño Southern Oscillation. <i>Agricultural and Forest Meteorology</i> , 2017, 239, 151-165.	4.8	43
9	An analysis of methodological and spatial differences in global cropping systems models and maps. <i>Global Ecology and Biogeography</i> , 2015, 24, 180-191.	5.8	42
10	Amplified risk of spatially compounding droughts during co-occurrences of modes of natural ocean variability. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	39
11	Trans-Pacific ENSO teleconnections pose a correlated risk to agriculture. <i>Agricultural and Forest Meteorology</i> , 2018, 262, 298-309.	4.8	37
12	Decadal variability modulates trends in concurrent heat and drought over global croplands. <i>Environmental Research Letters</i> , 2021, 16, 055024.	5.2	30
13	Can Sub-Saharan Africa feed itself? The role of irrigation development in the region's drylands for food security. <i>Water International</i> , 2018, 43, 796-814.	1.0	29
14	Research priorities for global food security under extreme events. <i>One Earth</i> , 2022, 5, 756-766.	6.8	27
15	Life cycles of agriculturally relevant ENSO teleconnections in North and South America. <i>International Journal of Climatology</i> , 2017, 37, 3297-3318.	3.5	23
16	A Comparative Analysis of Global Cropping Systems Models and Maps. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	22
17	ENSO Teleconnections and Impacts on U.S. Summertime Temperature during a Multiyear La Niña Life Cycle. <i>Journal of Climate</i> , 2020, 33, 6009-6024.	3.2	22
18	Exploiting provisions of land economic productivity without degrading its natural capital. <i>Journal of Arid Environments</i> , 2015, 112, 33-43.	2.4	19

#	ARTICLE	IF	CITATIONS
19	Methods for Estimating Population Density in Data-Limited Areas: Evaluating Regression and Tree-Based Models in Peru. PLoS ONE, 2014, 9, e100037.	2.5	14
20	International trade and the stability of food supplies in the Global South. Environmental Research Letters, 2020, 15, 074005.	5.2	14
21	Assessing the Economic Benefits of Sustainable Land Management Practices in Bhutan. SSRN Electronic Journal, 0, , .	0.4	12
22	Evaluating Global Land Degradation Using Ground-Based Measurements and Remote Sensing. , 2016, , 85-116.		11
23	MJO teleconnections to crop growing seasons. Climate Dynamics, 2020, 54, 2203-2219.	3.8	10
24	Global Drivers of Land Degradation and Improvement. , 2016, , 167-195.		6
25	The Madden-Julian Oscillation Affects Maize Yields Throughout the Tropics and Subtropics. Geophysical Research Letters, 2020, 47, e2020GL087004.	4.0	3
26	Economics of Land Degradation and Improvement in Bhutan. , 2016, , 327-383.		1
27	Back Matter: Appendix: Technical Note on the Drought Impacts Model. , 2016, , 231-257.		0
28	Agriculture: More Water and Better Farming for Improved Food Security. , 2016, , 115-136.		0