Karl Stein

List of Publications by Year
in descending order

14 papers	1,547 citations	623574 14 h-index	996849 15 g-index
22 all docs	22 docs citations	22 times ranked	1926 citing authors

#	Article	IF	Citations
1	El NiÃ±oâ€“Southern Oscillation complexity. Nature, 2018, 559, 535-545.	13.7	702
2	Changing El NiÃ±oâ€“Southern Oscillation in a warming climate. Nature Reviews Earth & Environment, 2021, 2, 628-644.	12.2	197
3	Ubiquity of human-induced changes in climate variability. Earth System Dynamics, 2021, 12, 1393-1411.	2.7	131
4	ENSO Seasonal Synchronization Theory. Journal of Climate, 2014, 27, 5285-5310.	1.2	85
5	Changes in South Pacific rainfall bands in a warming climate. Nature Climate Change, 2013, 3, 417-423.	8.1	71
6	Battery Energy Storage System battery durability and reliability under electric utility grid operations: Analysis of 3 years of real usage. Journal of Power Sources, 2017, 338, 65-73.	4.0	67
7	Seasonal Synchronization of ENSO Events in a Linear Stochastic Model*. Journal of Climate, 2010, 23, 5629-5643.	1.2	61
8	Increasing ENSOâ€“rainfall variability due to changes in future tropical temperatureâ€“rainfall relationship. Communications Earth & Environment, 2021, 2, .	2.6	58
9	Phase Synchronization of the El NiÃ±o-Southern Oscillation with the Annual Cycle. Physical Review Letters, 2011, 107, 128501.	2.9	55
10	Emergence of climate change in the tropical Pacific. Nature Climate Change, 2022, 12, 356-364.	8.1	34
11	Characterization of a Fast Battery Energy Storage System for Primary Frequency Response. Energies, 2018, 11, 3358.	1.6	24
12	Timing and magnitude of Southern Ocean sea ice/carbon cycle feedbacks. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4498-4504.	3.3	23
13	Trophic level decoupling drives future changes in phytoplankton bloom phenology. Nature Climate Change, 2022, 12, 469-476.	8.1	15
14	Evaluation of a 1 MW, 250 kW-hr Battery Energy Storage System for Grid Services for the Island of Hawaii. Energies, 2018, 11, 3367.	1.6	14