

Stefan Liess

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

534
citations

759233

12
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839539

18
g-index

27
all docs

27
docs citations

27
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Resolution Climate Projections Over Minnesota for the 21st Century. Earth and Space Science, 2022, 9, .	2.6	12
2	Differing precipitation response between solar radiation management and carbon dioxide removal due to fast and slow components. Earth System Dynamics, 2020, 11, 415-434.	7.1	5
3	A cautionary note on decadal sea level pressure predictions from GCMs. Advances in Climate Change Research, 2018, 9, 43-56.	5.1	3
4	A Teleconnection between the West Siberian Plain and the ENSO Region. Journal of Climate, 2017, 30, 301-315.	3.2	14
5	Exploring the Predictability of 30-Day Extreme Precipitation Occurrence Using a Global SST-SLP Correlation Network. Journal of Climate, 2016, 29, 1013-1029.	3.2	18
6	A Guide to Earth Science Data: Summary and Research Challenges. Computing in Science and Engineering, 2015, 17, 14-18.	1.2	8
7	Change Detection in Climate Time Series Based on Bounded-Variation Clustering. , 2015, , 185-194.		6
8	Evaluation of Global Climate Models Based on Global Impacts of ENSO. , 2015, , 101-109.		2
9	Toward enhanced understanding and projections of climate extremes using physics-guided data mining techniques. Nonlinear Processes in Geophysics, 2014, 21, 777-795.	1.3	40
10	Trend analysis using non-stationary time series clustering based on the finite element method. Nonlinear Processes in Geophysics, 2014, 21, 605-615.	1.3	17
11	The simulated atmospheric response to expansion of the Arctic boreal forest biome. Climate Dynamics, 2014, 42, 487-503.	3.8	9
12	Different Modes of Variability over the Tasman Sea: Implications for Regional Climate*. Journal of Climate, 2014, 27, 8466-8486.	3.2	16
13	Use of dynamical downscaling to improve the simulation of Central U.S. warm season precipitation in CMIP5 models. Journal of Geophysical Research D: Atmospheres, 2013, 118, 12,522.	3.3	44
14	A graph-based approach to find teleconnections in climate data. Statistical Analysis and Data Mining, 2013, 6, 158-179.	2.8	29
15	Testing the significance of spatio-temporal teleconnection patterns. , 2012, , .		14
16	On the relationship between QBO and distribution of tropical deep convection. Journal of Geophysical Research, 2012, 117, .	3.3	94
17	Mining time-lagged relationships in spatio-temporal climate data. , 2012, , .		4
18	EddyScan: A physically consistent ocean eddy monitoring application. , 2012, , .		21

#	ARTICLE	IF	CITATIONS
19	Drought Detection of the Last Century: An MRF-based Approach. , 2012, , .		14
20	The effects of boreal forest expansion on the summer Arctic frontal zone. Climate Dynamics, 2012, 38, 1805-1827.	3.8	16
21	Discovering interesting sub-paths in spatiotemporal datasets. , 2011, , .		24
22	Predictability Studies of the Intraseasonal Oscillation with the ECHAM5 GCM. Journals of the Atmospheric Sciences, 2005, 62, 3320-3336.	1.7	40
23	The intraseasonal oscillation in ECHAM4 Part I: coupled to a comprehensive ocean model. Climate Dynamics, 2004, 22, 653-669.	3.8	21
24	The intraseasonal oscillation in ECHAM4 Part II: sensitivity studies. Climate Dynamics, 2004, 22, 671-688.	3.8	23
25	Impacts of deforestation and afforestation in the Mediterranean region as simulated by the MPI atmospheric GCM. Global and Planetary Change, 2001, 30, 309-328.	3.5	36