

Woosok Moon

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

176
citations

1163117

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1125743

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all docs

16
docs citations

16
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Subseasonal relationship between Arctic and Eurasian surface air temperature. <i>Scientific Reports</i> , 2021, 11, 4081.	3.3	25
2	A unified nonlinear stochastic time series analysis for climate science. <i>Scientific Reports</i> , 2017, 7, 44228.	3.3	22
3	Vertical thermodynamic structure of the troposphere during the Norwegian young sea ICE expedition (NéICE2015). <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,855.	3.3	21
4	Intrinsic Pink-Noise Multidecadal Global Climate Dynamics Mode. <i>Physical Review Letters</i> , 2018, 121, 108701.	7.8	17
5	Salinity Control of Thermal Evolution of Late Summer Melt Ponds on Arctic Sea Ice. <i>Geophysical Research Letters</i> , 2018, 45, 8304-8313.	4.0	17
6	Two Types of Baroclinic Life Cycles during the Southern Hemisphere Summer. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 1401-1417.	1.7	11
7	A Stochastic Dynamical Model of Arctic Sea Ice. <i>Journal of Climate</i> , 2017, 30, 5119-5140.	3.2	11
8	Physical length scales of wind-blown snow redistribution and accumulation on relatively smooth Arctic first-year sea ice. <i>Environmental Research Letters</i> , 2019, 14, 104003.	5.2	11
9	Coupling functions in climate. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20190006.	3.4	8
10	Baroclinic instability and large-scale wave propagation in a planetary-scale atmosphere. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 809-825.	2.7	8
11	Analytical Survival Analysis of the Ornstein-Uhlenbeck Process. <i>Journal of Statistical Physics</i> , 2020, 181, 2404-2414.	1.2	6
12	Multidecadal variability in the climate system: phenomena and mechanisms. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	6
13	A balanced state consistent with planetary-scale motion for quasi-geostrophic dynamics. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 72, 1697164.	1.7	4
14	River Nile discharge, the Pacific Ocean and world climate - a seasonal synchronization perspective. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 73, 1947551.	1.7	4
15	Eddy memory as an explanation of intraseasonal periodic behaviour in baroclinic eddies. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 2395-2408.	2.7	3
16	Analytical solution of stochastic resonance in the nonadiabatic regime. <i>Physical Review E</i> , 2021, 104, 044130.	2.1	2