

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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266
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Subseasonal relationship between Arctic and Eurasian surface air temperature. <i>Scientific Reports</i> , 2021, 11, 4081. | 3.3 | 25 |
| 5 | 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 |
| 6 | Analytical solution of stochastic resonance in the nonadiabatic regime. <i>Physical Review E</i> , 2021, 104, 044130. | 2.1 | 2 |
| 7 | Analytical Survival Analysis of the Ornstein-Uhlenbeck Process. <i>Journal of Statistical Physics</i> , 2020, 181, 2404-2414. | 1.2 | 6 |
| 8 | Multidecadal variability in the climate system: phenomena and mechanisms. <i>European Physical Journal Plus</i> , 2020, 135, 1. | 2.6 | 6 |
| 9 | 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 |
| 10 | Coupling functions in climate. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20190006. | 3.4 | 8 |
| 11 | Intrinsic Pink-Noise Multidecadal Global Climate Dynamics Mode. <i>Physical Review Letters</i> , 2018, 121, 108701. | 7.8 | 17 |
| 12 | 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 |
| 13 | A Stochastic Dynamical Model of Arctic Sea Ice. <i>Journal of Climate</i> , 2017, 30, 5119-5140. | 3.2 | 11 |
| 14 | A unified nonlinear stochastic time series analysis for climate science. <i>Scientific Reports</i> , 2017, 7, 44228. | 3.3 | 22 |
| 15 | Vertical thermodynamic structure of the troposphere during the Norwegian young sea ICE expedition (N-ICE2015). <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,855. | 3.3 | 21 |
| 16 | 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 |