

毕业年份	研究生	论文题目	期刊名称	导师
2021	柴静	A robust equatorial Pacific westerly response to tropical volcanism in multiple models	Climate Dynamics	刘飞
2021	戴逸飞	Marine biogeochemical cycling and oceanic CO ₂ uptake simulated by the NUIST Earth System Model version 3 (NESM v3)	Geoscientific Model Development	王斌
2021	冯小芳	The Contribution of Internal Variability to Asian Midlatitude Warming	Journal of Climate	吴立广
2021	郭莲怡	Projected precipitation changes over China for global warming levels at 1.5°C and 2°C in an ensemble of regional climate simulations: Impact of bias-correction methods	Climatic Change,	江志红
2021	胡枫	Reexamining the Moisture Mode Theories of the Madden–Julian Oscillation Based on Observational Analyses	Journal of Climate	李天明
2021	胡枫	Effects of MJO Vertically Tilted Structure on Its Phase Speed from the Moisture Mode Theory Perspective	Journal of Climate	李天明
2021	胡枫	Cause of interdecadal change of tropical cyclone controlling parameter in the western North Pacific	Climate Dynamics	李天明
2021	胡枫	A coupled moisture-dynamics model of the Madden–Julian oscillation: convection interaction with first and second baroclinic modes and planetary boundary layer	Climate Dynamics	李天明
2021	黄昱	Interdecadal Indian Ocean Basin Mode Driven by Interdecadal Pacific Oscillation: A Season-Dependent Growth Mechanism	Journal of Climate	陶丽
2021	黄昱	Why SST trend in North Pacific is peculiarly negative against warming trend elsewhere since 1958	Climate Dynamics	陶丽
2021	刘佳伟	Distinctive evolutions of Eurasian warming and extreme events before and after global warming would stabilize at 1.5°C.	Earth's Future,	徐海明
2021	刘佳伟	Robust regional differences in marine heatwaves between transient and stabilization responses at 1.5°C global warming	Weather and Climate Extremes	徐海明
2021	刘伟光	Multimodel Future Projections of the Regional Vegetation–Climate System Over East Asia: Comparison Between Two Ensemble Approaches	Journal of Geophysical Research	陈海山
2021	刘伟光	Projecting the future vegetation–climate system over East Asia and its RCP-dependence	Climate Dynamics	陈海山
2021	马晨	Effects of Perturbation Type on Tropical Cyclone Size over Tropical North Western Pacific and Atlantic	Climate Dynamics	李天明
2021	马晨	Effects of background State on Tropical Cyclone Size over the Western North Pacific and Northern Atlantic	Climate Dynamics	李天明
2021	马茜蓉	Increasing Asian dryland precipitation and its relationship with glacier shrinkage over the Tibetan Plateau. Journal of Climate	Journal of Climate	张杰
2021	马茜蓉	Spatiotemporal variability of summer precipitation and precipitation extremes and associated large-scale mechanisms in Central Asia during 1979–2018	Journal of Hydrology	张杰
2021	孟德明	New observation operators for Cloud Liquid/Ice Water Path from ABI and their impact on assimilation and hurricane forecasts	Journal of Geophysical Research	陈耀登

2021	秦旻华	Quantifying contributions of internal variability and external forcing to Atlantic multidecadal variability since 1870	Geophysical Research Letters	李栋梁
2021	秦旻华	Aerosol-forced multidecadal variations across all ocean basins in models and observations since 1920	Science Advances	李栋梁
2021	孙思远	Summer Regional Daily-Precipitation Extreme Events in Huang-Huai Rivers Region of China and Their Relationships with Rossby Wave Packet Activities	Journal of Geophysical Research	管兆勇
2021	王旭栋	Atmospheric Internal Variability in the Summer Indo-Northwestern Pacific: Role of the Intraseasonal Oscillation	Journal of Climate	管兆勇
2021	吴琼	Revisiting the interannual impact of the Pacific Meridional Mode on tropical cyclone genesis frequency in the Western North Pacific	Climate Dynamics	张文君
2021	吴琼	Interannual and interdecadal impact of Western North Pacific Subtropical High on tropical cyclone activity	Climate Dynamics	张文君
2021	许智棋	Contrasting effect of soil moisture on summertime boundary layer under different thermal conditions in China	Geophysical Research Letters	陈海山
2021	袁心仪	A Concise and Effective Expression Relating Subsurface Temperature to the Thermocline in the Equatorial Pacific	Geophysical Research Letters	张文君
2021	张莞昕	Effects of nonuniform land surface warming on summer anomalous extratropical cyclone activity and East Asian summer monsoon: Numerical experiments with a regional climate model	Journal of Climate	陈海山
2021	张莞昕	Impact of Nonuniform Land Surface Warming on Summer Anomalous Extratropical Cyclone Activity Over East Asia	Journal of Geophysical Research	陈海山
2021	朱寿鹏	Conspicuous temperature extremes over Southeast Asia: seasonal variations under 1.5 °C and 2 °C global warming	Climatic Change,	智协飞
2020	侯美夷	Season-dependent predictability barrier for two types of El Nino revealed by an approach to data analysis for predictability	Climate Dynamics	智协飞
2020	李智玉	Different effects of two ENSO types on Arctic surface air temperature in boreal winter	Journal of Climate	徐海明
2020	钱伊恬	Effect of anthropogenic forcing and natural variability on the occurrence of the 2018 heatwave in Northeast Asia	Bulletin of the American Meteorological Society	徐邦琪
2020	钱伊恬	On the mechanisms of the active 2018 tropical cyclone season in the North Pacific	Geophysical Research Letters	徐邦琪
2020	钱伊恬	Role of abnormally enhanced MJO over the Western Pacific in the formation and subseasonal predictability of the record-breaking Northeast Asian heatwave in the summer of 2018	Journal of Climate	徐邦琪
2020	钱伊恬	New real-time indices for the Quasi-Biweekly Oscillation over the Asian summer monsoon region	Climate Dynamics	徐邦琪
2020	沈海波	Effect of Summer Arctic Sea Ice on the Reverse August Precipitation Anomaly in Eastern China between 1998 and 2016	Journal of Climate	王会军
2020	沈海波	Impact of late spring Siberian snow on summer rainfall in South-Central China	Climate Dynamics	王会军
2020	徐鑫萍	Impact of northern Eurasian snow cover in autumn on the warm Arctic–cold Eurasia pattern during the following January and its linkage to stationary planetary waves	Climate Dynamics	王会军

2020	徐鑫萍	Strengthened linkage between midlatitudes and Arctic in boreal winter	Climate Dynamics	王会军
2019	陈蔚	Anomalous Low-level Convergence around Kalimantan Island and Its Role in Connecting the East Asian Summer Monsoon and Australian Winter Monsoon	Journal of Geophysical Research	管兆勇
2019	董广涛	CMIP5 Model-Simulated Onset, Duration and Intensity of the Asian Monsoon in Current and Future Climate	Climate Dynamics	陈葆德
2019	豆娟	Southern Hemisphere Origins for Interannual Variations of Snow Cover over the Western Tibetan Plateau in Boreal Summer	Journal of Climate	吴志伟
2019	豆娟	Potential impact of the May Southern Hemisphere annular mode on the Indian summer monsoon rainfall	Climate Dynamics	吴志伟
2019	符昊	Effect of Unidirectional Vertical Wind Shear on Tropical Cyclone Intensity Change – Lower-Layer Shear versus Upper-Layer Shear	Journal of Geophysical Research	余锦华
2019	高迎侠	Diagnosing ocean feedbacks to the BSISO: SST-modulated surface fluxes and the moist static energy budget.	Journal of Geophysical Research	徐邦琪
2019	高迎侠	Effects of high-frequency activity on latent heat flux of MJO.	Climate Dynamics	徐邦琪
2019	韩阳	Characterization of geolocation accuracy of Suomi NPP Advanced Technology Microwave Sounder measurements	Journal of Geophysical Research	邹晓蕾
2019	金蕊	Tibetan Plateau capacitor effect during the summer preceding ENSO: from the Yellow River Climate perspective	Climate Dynamics	吴志伟
2019	刘希	An Extreme Rainfall Event in Coastal South China During SCMRX-2014: Formation and Roles of Rainband and Echo Trainings	Journal of Geophysical Research	管兆勇
2019	王瑞芳	Dominant role of the ocean mixed layer depth in the increased proportion of intense typhoons during 1980–2015	Earth's Future	吴立广
2019	王瑞芳	Climate Changes of Atlantic Tropical Cyclone Formation Derived from Twentieth-Century Reanalysis	Journal of Climate	吴立广
2019	吴琨	Accounting for Several Infrared Radiation Processes in Climate Models	Journal of Climate	王会军
2019	赵琛	Basin dependence of the MJO modulating tropical cyclone genesis	Climate Dynamics	李天明
2019	赵久伟	Contribution of the Interdecadal Pacific Oscillation to the Recent Abrupt Decrease in Tropical Cyclone Genesis Frequency over the Western North Pacific since 1998	Journal of Climate	徐海明
2018	耿新	A new method for interpreting nonstationary running correlations and its application to the ENSO-EAWM relationship	Geophysical Research Letters	张文君
2018	耿新	Decadal modulation of the ENSO-East Asian winter monsoon relationship by the Atlantic Multi-decadal Oscillation	Climate Dynamics	张文君
2018	李伟	Extreme Precipitation Indices over China in CMIP5 Models. Part I: Model Evaluation	Journal of Climate	江志红
2018	李欣欣	Potential Influence of Arctic Sea Ice to the Interannual Variations of East Asian Spring Precipitation	Journal of Climate	吴志伟
2018	李兴	Inconsistent responses of hot extremes to historical land use and cover change among CMIP5 models	Journal of Geophysical Research	陈海山

2018	林霞	Mean, variability and trend of Southern Ocean wind stress: Role of wind fluctuations	Journal of Climate	王召民
2018	马鹤翟	Solar influences on spatial patterns of Eurasian winter temperature and atmospheric general circulation anomalies	Journal of Geophysical Research	陈海山
2018	王元兵	Added Value of Assimilating Himawari-8 AHI Water Vapor Radiances on Analyses and Forecasts for “7.19” Severe Storm Over North China	Journal of Geophysical Research	陈耀登
2018	魏建芬	Impacts of extratropical storm tracks on Arctic sea ice export through Fram Strait	Climate Dynamics	王召民
2018	于天雷	Reduced connection between the East Asian Summer Monsoon and Southern Hemisphere Circulation on interannual timescales under intense global warming	Climate Dynamics	郭品文
2018	赵玮	Temporal–Spatial Monitoring of an Extreme Precipitation Event: Determining Simultaneously the Time Period It Lasts and the Geographic Region It Affects	Journal of Climate	陆尔
2018	赵远冰	On the inverse relationship between the boreal wintertime Pacific jet strength and storm-track intensity	Journal of climate	梁湘三
2018	赵远冰	Nonlinear multiscale interactions and internal dynamics underlying a typical eddy-shedding event at Luzon Strait	Journal of Geophysical Research	梁湘三
2017	陈明诚	Relative Roles of Dynamic and Thermodynamic Processes in Causing Evolution Asymmetry between El Niño and La Niña	Journal of Climate	李天明
2017	霍飞	Impact of Chinese Urbanization and Aerosol Emissions on the East Asian Summer Monsoon	Journal of Climate	江志红
2017	马静	Inter-member Variability of the Summer Northwest Pacific Subtropical Anticyclone in the Ensemble Forecast	Journal of Climate	徐海明
2017	马静	Atmospheric responses to oceanic eddies in the Kuroshio Extension region	Journal of Geophysical Research	徐海明
2017	施健	Precipitation variation over eastern China and arid central Asia during the past millennium and its possible mechanism: Perspectives from PMIP3 experiments	Journal of Geophysical Research	王会军
2017	武扬	Impact of Synoptic Atmospheric Forcing on the Mean Ocean Circulation	Journal of Climate	王召民
2017	武扬	On the response of the Lorenz energy cycle for the Southern Ocean to intensified westerlies	Journal of Geophysical Research	王召民
2017	武扬	Impacts of open-ocean deep convection in the Weddell Sea on coastal and bottom water temperature	Climate Dynamics	王召民
2017	张鹏	Interdecadal variability of the mega-ENSO–NAO synchronization in winter.	Climate Dynamics	吴志伟
2017	张余庆	Evaluation of Downscaled CMIP5 Coupled with the VIC Model for Flash Drought Simulation in a Humid Subtropical Basin, China	Journal of Climate	游庆龙
2017	张余庆	Flash droughts in a typical humid and subtropical basin: A case study in the Gan River Basin, China	Journal of Hydrology	游庆龙
2016	王超	Westward shift of western North Pacific tropical cyclogenesis	Geophysical Research Letters	吴立广
2016	陈阳	Mechanisms for Concurrent Low-latitude circulation anomalies responsible for persistent extreme precipitation in the Yangtze River Valley	Climate Dynamics	翟盘茂
2016	邓洁淳	Atmospheric responses to idealized urban land surface forcing in eastern China during the boreal spring	Journal of Geophysical Research	徐海明

2016	邓洁淳	Nonlinear effect on the East Asian summer monsoon due to two coexisting anthropogenic forcing factors in eastern China: an AGCM study	Climate Dynamics	徐海明
2016	冯婧	Propagating and Non-propagating MJO Events over Maritime Continent.	Journal of Climate	李天明
2016	李海燕	A New Understanding in ENSO Impact on East Asian Climate: Importance of Annual Cycle	Journal of Climate	张文君 何金海
2016	王超	Interannual Shift of the Tropical Upper-Tropospheric Trough and Its Influence on Tropical Cyclone Formation over the Western North Pacific	Journal of Climate	吴立广
2016	张茜	Interannual variations in atmospheric mass over liquid water oceans, continents, and sea-ice-covered Arctic regions and their possible impacts on the boreal winter climate	Journal of Geophysical Research	管兆勇
2016	周放	Understanding positive feedback between PNA and synoptic eddies by eddy structure decomposition method	Climate Dynamics	许小峰