Tetsu Nakamura

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3380439/publications.pdf

Version: 2024-02-01

48 papers	2,695 citations	201674 27 h-index	214800 47 g-index
56 all docs	56 docs citations	56 times ranked	2697 citing authors

#	Article	IF	Citations
1	A possible linkage of Eurasian heat wave and East Asian heavy rainfall in Relation to the Rapid Arctic warming. Environmental Research, 2022, 209, 112881.	7.5	17
2	Role of the Cold Okhotsk Sea on the Climate of the North Pacific Subtropical High and Baiu Precipitation. Journal of Climate, 2021, 34, 495-507.	3.2	9
3	The stratospheric QBO affects antarctic sea ice through the tropical convection in early austral winter. Polar Science, 2021, 28, 100674.	1.2	2
4	Impact of Initialized Land Surface Temperature and Snowpack on Subseasonal to Seasonal Prediction Project, Phase I (LS4P-I): organization and experimental design. Geoscientific Model Development, 2021, 14, 4465-4494.	3.6	31
5	Controlling Factors of Historical Variation of Winter Tibetan Plateau Snow Cover Revealed by Largeâ€Ensemble Experiments. Journal of Geophysical Research D: Atmospheres, 2021, 126, .	3.3	1
6	A tropospheric pathway of the stratospheric quasi-biennial oscillation (QBO) impact on the boreal winter polar vortex. Atmospheric Chemistry and Physics, 2020, 20, 5111-5127.	4.9	29
7	Intensification of hot Eurasian summers by climate change and landâ€“atmosphere interactions. Scientific Reports, 2019, 9, 10866.	3.3	34
8	Memory effects of Eurasian land processes cause enhanced cooling in response to sea ice loss. Nature Communications, 2019, 10, 5111.	12.8	26
9	Impact of Arctic sea ice variations on winter temperature anomalies in northern hemispheric land areas. Climate Dynamics, 2019, 52, 3111-3137.	3.8	29
10	Recent Breakdown of the Seasonal Linkage between the Winter North Atlantic Oscillation/Northern Annular Mode and Summer Northern Annular Mode. Journal of Climate, 2019, 32, 591-605.	3.2	2
11	Weak Stratospheric Polar Vortex Events Modulated by the Arctic Seaâ€Ice Loss. Journal of Geophysical Research D: Atmospheres, 2019, 124, 858-869.	3.3	28
12	Evaluating Impacts of Recent Arctic Sea Ice Loss on the Northern Hemisphere Winter Climate Change. Geophysical Research Letters, 2018, 45, 3255-3263.	4.0	159
13	Interhemispheric Synchronization Between the AO and the AAO. Geophysical Research Letters, 2018, 45, 13,477.	4.0	3
14	Poleward eddy heat flux anomalies associated with recent Arctic sea ice loss. Geophysical Research Letters, 2017, 44, 446-454.	4.0	29
15	Can preferred atmospheric circulation patterns over the North-Atlantic-Eurasian region be associated with arctic sea ice loss?. Polar Science, 2017, 14, 9-20.	1.2	53
16	Enhancement of Arctic storm activity in relation to permafrost degradation in eastern Siberia. International Journal of Climatology, 2016, 36, 4265-4275.	3.5	31
17	The stratospheric pathway for Arctic impacts on midlatitude climate. Geophysical Research Letters, 2016, 43, 3494-3501.	4.0	125
18	Atmospheric winter response to Arctic sea ice changes in reanalysis data and model simulations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 7564-7577.	3.3	38

#	Article	IF	Citations
19	A nudged chemistryâ€climate model simulation of chemical constituent distribution at northern highâ€latitude stratosphere observed by SMILES and MLS during the 2009/2010 stratospheric sudden warming. Journal of Geophysical Research D: Atmospheres, 2016, 121, 1361-1380.	3.3	34
20	On the atmospheric response experiment to a Blue Arctic Ocean. Geophysical Research Letters, 2016, 43, 10,394-10,402.	4.0	12
21	Is summer sea surface temperature over the Arctic Ocean connected to winter air temperature over North America?. Climate Research, 2016, 70, 19-27.	1.1	0
22	A negative phase shift of the winter AO/NAO due to the recent Arctic seaâ€ice reduction in late autumn. Journal of Geophysical Research D: Atmospheres, 2015, 120, 3209-3227.	3.3	180
23	Impact of the winter North Atlantic Oscillation (NAO) on the Western Pacific (WP) pattern in the following winter through Arctic sea ice and ENSO. Part II: multi-model evaluation of the NAOâ€“ENSO linkage. Climate Dynamics, 2015, 45, 3547-3562.	3.8	13
24	Impact of the winter North Atlantic OscillationÂ(NAO) on the Western PacificÂ(WP) pattern in the following winter through Arctic sea ice and ENSO: part Iâ€”observational evidence. Climate Dynamics, 2015, 45, 1355-1366.	3.8	19
25	A possible cause of the AO polarity reversal from winter to summer in 2010 and its relation to hemispheric extreme summer weather. Climate Dynamics, 2013, 40, 1939-1947.	3.8	30
26	Validation of ozone data from the Superconducting Submillimeterâ€Wave Limbâ€Emission Sounder (SMILES). Journal of Geophysical Research D: Atmospheres, 2013, 118, 5750-5769.	3.3	41
27	A multimodel comparison of stratospheric ozone data assimilation based on an ensemble Kalman filter approach. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3848-3868.	3.3	4
28	Diurnal ozone variations in the stratosphere revealed in observations from the Superconducting Submillimeterâ€Wave Limbâ€Emission Sounder (SMILES) on board the International Space Station (ISS). Journal of Geophysical Research D: Atmospheres, 2013, 118, 2991-3006.	3.3	64
29	The nature of Arctic polar vortices in chemistryâ€“climate models. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1681-1691.	2.7	14
30	Multimodel climate and variability of the stratosphere. Journal of Geophysical Research, 2011, 116, .	3.3	139
31	Using transport diagnostics to understand chemistry climate model ozone simulations. Journal of Geophysical Research, 2011, 116, .	3.3	68
32	Projections of UV radiation changes in the 21st century: impact of ozone recovery and cloud effects. Atmospheric Chemistry and Physics, 2011, 11, 7533-7545.	4.9	75
33	The potential to narrow uncertainty in projections of stratospheric ozone over the 21st century. Atmospheric Chemistry and Physics, 2010, 10, 9473-9486.	4.9	25
34	Multi-model assessment of stratospheric ozone return dates and ozone recovery in CCMVal-2 models. Atmospheric Chemistry and Physics, 2010, 10, 9451-9472.	4.9	215
35	Decline and recovery of total column ozone using a multimodel time series analysis. Journal of Geophysical Research, 2010, 115, .	3.3	74
36	Abrupt evolution of the summer Northern Hemisphere annular mode and its association with blocking. Journal of Geophysical Research, 2010, 115, .	3.3	37

#	Article	IF	Citations
37	Anthropogenic forcing of the Northern Annular Mode in CCMValâ€2 models. Journal of Geophysical Research, 2010, 115, .	3.3	32
38	Chemistryâ€climate model simulations of spring Antarctic ozone. Journal of Geophysical Research, 2010, 115, .	3.3	51
39	Multimodel assessment of the upper troposphere and lower stratosphere: Tropics and global trends. Journal of Geophysical Research, 2010, 115, .	3.3	171
40	Review of the formulation of presentâ€generation stratospheric chemistryâ€climate models and associated external forcings. Journal of Geophysical Research, 2010, 115, .	3.3	150
41	Sensitivity of 21st century stratospheric ozone to greenhouse gas scenarios. Geophysical Research Letters, 2010, 37, .	4.0	62
42	Multimodel assessment of the upper troposphere and lower stratosphere: Extratropics. Journal of Geophysical Research, 2010, 115, .	3.3	67
43	Impact of stratospheric ozone on Southern Hemisphere circulation change: A multimodel assessment. Journal of Geophysical Research, 2010, 115, .	3.3	280
44	Multimodel assessment of the factors driving stratospheric ozone evolution over the 21st century. Journal of Geophysical Research, 2010, 115, .	3.3	66
45	Influence of lower stratospheric ozone variation on tropospheric temperature and mean meridional circulation in the Northern Hemisphere summer. Geophysical Research Letters, 2009, 36, .	4.0	4
46	Importance of cold and dry surges in substantiating the NAM and ENSO relationship. Geophysical Research Letters, 2007, 34, .	4.0	40
47	Interannual Variation in Snow-accumulation Events in Tokyo and its Relationship to the Eurasian Pattern. Scientific Online Letters on the Atmosphere, 2007, 3, 129-132.	1.4	11
48	Influence of the Northern Hemisphere annular mode on ENSO by modulating westerly wind bursts. Geophysical Research Letters, 2006, 33, .	4.0	60