Hideyuki Nakano

List of Publications by Year
in descending order

21	1,805	516710 16	713466 21
papers	citations	h-index	g-index

21	21	21	2933
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interactions Between Ocean and Successive Typhoons in the Kuroshio Region in 2018 in Atmosphereâ€“Ocean Coupled Model Simulations. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	4
2	Effects of eddies on the subduction and movement of water masses reaching the $$137^{circ },hbox {E}$$ section using Lagrangian particles in an eddy-resolving OGCM. Journal of Oceanography, 2021, 77, 283-305.	1.7	9
3	Projected climate change in the western North Pacific at the end of the 21st century from ensemble simulations with a high-resolution regional ocean model. Journal of Oceanography, 2021, 77, 539-560.	1.7	5
4	Energy Flow Diagnosis of ENSO from an Ocean Reanalysis. Journal of Climate, 2021, 34, 4023-4042.	3.2	9
5	Improved representation of Arctic sea ice velocity field in oceanâ€“sea ice models based on satellite observations. Climate Dynamics, 2021, 57, 2863-2887.	3.8	4
6	Tracking Improvement in Simulated Marine Biogeochemistry Between CMIP5 and CMIP6. Current Climate Change Reports, 2020, 6, 95-119.	8.6	155
7	The sensitivity of a depth-coordinate model to diapycnal mixing induced by practical implementations of the isopycnal tracer diffusion scheme. Ocean Modelling, 2020, 154, 101693.	2.4	25
8	Development of a 2-km resolution ocean model covering the coastal seas around Japan for operational application. Ocean Dynamics, 2019, 69, 1181-1202.	2.2	28
9	Fifty years of the 137Â°E repeat hydrographic section in the western North Pacific Ocean. Journal of Oceanography, 2018, 74, 115-145.	1.7	48
10	A dataset of continental river discharge based on JRA-55 for use in a global ocean circulation model. Journal of Oceanography, 2018, 74, 421-429.	1.7	35
11	Identification of the fronts from the Kuroshio Extension to the Subarctic Current using absolute dynamic topographies in satellite altimetry products. Journal of Oceanography, 2018, 74, 393-420.	1.7	18
12	JRA-55 based surface dataset for driving oceanâ€“sea-ice models (JRA55-do). Ocean Modelling, 2018, 130, 79-139.	2.4	357
13	Oceanic fronts and jets around Japan: a review. Journal of Oceanography, 2015, 71, 469-497.	1.7	92
14	Basic performance of a new earth system model of the Meteorological Research Institute (MRI-ESM1). Papers in Meteorology and Geophysics, 2013, 64, 1-19.	0.9	66
15	Formation mechanism of the Weddell Sea Polynya and the impact on the global abyssal ocean. Journal of Oceanography, 2012, 68, 771-796.	1.7	30
16	A New Global Climate Model of the Meteorological Research Institute: MRI-CGCM3 â€”Model Description and Basic Performanceâ€”. Journal of the Meteorological Society of Japan, 2012, 90A, 23-64.	1.8	649
17	Simulating present climate of the global oceanâ€“ice system using the Meteorological Research Institute Community Ocean Model (MRI.COM): simulation characteristics and variability in the Pacific sector. Journal of Oceanography, 2011, 67, 449-479.	1.7	48
18	Uptake mechanism of anthropogenic CO2 in the Kuroshio Extension region in an ocean general circulation model. Journal of Oceanography, 2011, 67, 765-783.	1.7	32

#	Article	IF	Citations
19	Effects of Mesoscale Eddies on Subduction and Distribution of Subtropical Mode Water in an Eddy-Resolving OGCM of the Western North Pacific. Journal of Physical Oceanography, 2010, 40, 1748-1765.	1.7	68
20	The Kuroshio Current System as a jet and twin â€œrelativeâ€•recirculation gyres embedded in the Sverdrup circulation. Dynamics of Atmospheres and Oceans, 2008, 45, 135-164.	1.8	45
21	Effects of Bottom Boundary Layer Parameterization on Reproducing Deep and Bottom Waters in a World Ocean Model. Journal of Physical Oceanography, 2002, 32, 1209-1227.	1.7	78