# Hideyuki Nakano

List of Publications by Year
in descending order

| 21 papers | 1,805 citations | 516710 16 h-index | 713466 21 g-index |
|---|---|---|---|
| 21 all docs | 21 docs citations | 21 times ranked | 2933 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | JRA-55 based surface dataset for driving oceanâ€"sea-ice models (JRA55-do). Ocean Modelling, 2018, 130, 79-139. | 2.4 | 357 |
| 3 | Tracking Improvement in Simulated Marine Biogeochemistry Between CMIP5 and CMIP6. Current Climate Change Reports, 2020, 6, 95-119. | 8.6 | 155 |
| 4 | Oceanic fronts and jets around Japan: a review. Journal of Oceanography, 2015, 71, 469-497. | 1.7 | 92 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 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 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Energy Flow Diagnosis of ENSO from an Ocean Reanalysis. Journal of Climate, 2021, 34, 4023-4042. | 3.2 | 9 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | 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 |
| 20 | Improved representation of Arctic sea ice velocity field in ocean–sea ice models based on satellite observations. Climate Dynamics, 2021, 57, 2863-2887. | 3.8 | 4 |
| 21 | Interactions Between Ocean and Successive Typhoons in the Kuroshio Region in 2018 in Atmosphere–Ocean Coupled Model Simulations. Journal of Geophysical Research: Oceans, 2022, 127, . | 2.6 | 4 |