

Motoki Nagura

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

669
citations

567281

15
h-index

580821

25
g-index

34
all docs

34
docs citations

34
times ranked

684
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Wyrteki Jet dynamics: Seasonal variability. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 90 |
| 2 | Dynamics of zonal current variations associated with the Indian Ocean dipole. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 82 |
| 3 | Indian Ocean dipole interpreted in terms of recharge oscillator theory. <i>Climate Dynamics</i> , 2014, 42, 1569-1586. | 3.8 | 70 |
| 4 | The dynamics of zonal current variations in the central equatorial Indian Ocean. <i>Geophysical Research Letters</i> , 2008, 35, . | 4.0 | 42 |
| 5 | Fifteen years progress of the TRITON array in the Western Pacific and Eastern Indian Oceans. <i>Journal of Oceanography</i> , 2017, 73, 403-426. | 1.7 | 39 |
| 6 | The dynamics of wind-driven intraseasonal variability in the equatorial Indian Ocean. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 36 |
| 7 | Systematic Errors in South Asian Monsoon Simulation: Importance of Equatorial Indian Ocean Processes. <i>Journal of Climate</i> , 2017, 30, 8159-8178. | 3.2 | 35 |
| 8 | The Shallow Overturning Circulation in the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2018, 48, 413-434. | 1.7 | 27 |
| 9 | Longitudinal biases in the Seychelles Dome simulated by 35 ocean-atmosphere coupled general circulation models. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 831-846. | 2.6 | 23 |
| 10 | The Seasonal Development of an SST Anomaly in the Indian Ocean and Its Relationship to ENSO. <i>Journal of Climate</i> , 2007, 20, 38-52. | 3.2 | 19 |
| 11 | Zonal momentum budget along the equator in the Indian Ocean from a high-resolution ocean general circulation model. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4444-4461. | 2.6 | 19 |
| 12 | Zonal Propagation of Near-Surface Zonal Currents in Relation to Surface Wind Forcing in the Equatorial Indian Ocean. <i>Journal of Physical Oceanography</i> , 2016, 46, 3623-3638. | 1.7 | 19 |
| 13 | Interannual Variability in Sea Surface Height at Southern Midlatitudes of the Indian Ocean. <i>Journal of Physical Oceanography</i> , 2021, 51, 1595-1609. | 1.7 | 19 |
| 14 | Influence of the Reflected Rossby Waves on the Western Arabian Sea Upwelling Region. <i>Journal of Physical Oceanography</i> , 2014, 44, 1424-1438. | 1.7 | 18 |
| 15 | Spiciness Anomalies in the Upper South Indian Ocean. <i>Journal of Physical Oceanography</i> , 2018, 48, 2081-2101. | 1.7 | 18 |
| 16 | Pausing of the ENSO Cycle: A Case Study from 1998 to 2002. <i>Journal of Climate</i> , 2008, 21, 342-363. | 3.2 | 17 |
| 17 | The Role of Temperature Inversions in the Generation of Seasonal and Interannual SST Variability in the Far Northern Bay of Bengal. <i>Journal of Climate</i> , 2015, 28, 3671-3693. | 3.2 | 13 |
| 18 | Annual Rossby Waves Below the Pycnocline in the Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 9405-9415. | 2.6 | 13 |

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|----|---|-----|-----------|
| 19 | Meridional Heat Advection due to Mixed Rossby Gravity Waves in the Equatorial Indian Ocean. Journal of Physical Oceanography, 2014, 44, 343-358. | 1.7 | 11 |
| 20 | A Wake due to the Maldives in the Eastward Wyrтки Jet. Journal of Physical Oceanography, 2015, 45, 1858-1876. | 1.7 | 9 |
| 21 | Origins of Coupled Model Biases in the Arabian Sea Climatological State. Journal of Climate, 2018, 31, 2005-2029. | 3.2 | 9 |
| 22 | Energy Flow Diagnosis of ENSO from an Ocean Reanalysis. Journal of Climate, 2021, 34, 4023-4042. | 3.2 | 9 |
| 23 | Seasonal Onset of the Madden-Julian Oscillation and its Relation to the Southeastern Indian Ocean Cooling. Journal of the Meteorological Society of Japan, 2015, 93A, 139-156. | 1.8 | 7 |
| 24 | Variability in Meridional Transport of the Subtropical Circulation in the South Indian Ocean for the Period From 2006 to 2017. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015874. | 2.6 | 6 |
| 25 | Spiciness Anomalies of Subantarctic Mode Water in the South Indian Ocean. Journal of Climate, 2021, 34, 3927-3953. | 3.2 | 6 |
| 26 | The Relationship between the Interannual Variation of the North Indian Ocean SST Induced by Surface Wind and ENSO during Boreal Summer. Journal of Climate, 2005, 18, 1942-1956. | 3.2 | 3 |
| 27 | Mean Subsurface Upwelling Induced by Intraseasonal Variability over the Equatorial Indian Ocean. Journal of Physical Oceanography, 2017, 47, 1347-1365. | 1.7 | 3 |
| 28 | The vertical structure of annual wave energy flux in the tropical Indian Ocean. Progress in Earth and Planetary Science, 2021, 8, . | 3.0 | 3 |
| 29 | Predicting Interannual Variability in Sea Surface Height Along the West Coast of Australia Using a Simple Ocean Model. Geophysical Research Letters, 2021, 48, e2021GL094592. | 4.0 | 2 |
| 30 | Analysis of tropical climate variability based on the TAO/TRITON observation. , 2008, , . | | 1 |
| 31 | Role of the eastern boundary-generated waves on the termination of 1997 Indian Ocean Dipole event. Geoscience Letters, 2021, 8, . | 3.3 | 1 |
| 32 | OCEAN PROCESSES RELEVANT TO CLIMATE VARIATIONS IN THE INDIAN OCEAN SECTOR. World Scientific Series on Asia-Pacific Weather and Climate, 2016, , 25-61. | 0.2 | 0 |
| 33 | Second baroclinic mode Rossby waves in the south Indian Ocean. Journal of Physical Oceanography, 2022, , . | 1.7 | 0 |