

Ryo Furue

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

452
citations

840776

11
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of the Indian-Ocean oxygen minimum zones. <i>Progress in Oceanography</i> , 2013, 112-113, 15-37.	3.2	126
2	Progress in understanding of Indian Ocean circulation, variability, air-sea exchange, and impacts on biogeochemistry. <i>Ocean Science</i> , 2021, 17, 1677-1751.	3.4	43
3	Dynamics of the Leeuwin Current: Part 1. Coastal flows in an inviscid, variable-density, layer model. <i>Dynamics of Atmospheres and Oceans</i> , 2013, 63, 24-59.	1.8	42
4	On the Leeuwin Current System and Its Linkage to Zonal Flows in the South Indian Ocean as Inferred from a Gridded Hydrography. <i>Journal of Physical Oceanography</i> , 2017, 47, 583-602.	1.7	35
5	Dynamics of the Leeuwin Current: Part 2. Impacts of mixing, friction, and advection on a buoyancy-driven eastern boundary current over a shelf. <i>Dynamics of Atmospheres and Oceans</i> , 2014, 65, 39-63.	1.8	27
6	Impacts of regional mixing on the temperature structure of the equatorial Pacific Ocean. Part 1: Vertically uniform vertical diffusion. <i>Ocean Modelling</i> , 2015, 91, 91-111.	2.4	27
7	Dynamics of the Atlantic meridional overturning circulation. Part 1: Buoyancy-forced response. <i>Progress in Oceanography</i> , 2012, 101, 33-62.	3.2	25
8	An Increase of the Indonesian Throughflow by Internal Tidal Mixing in a High-Resolution Quasi-Global Ocean Simulation. <i>Geophysical Research Letters</i> , 2018, 45, 8416-8424.	4.0	22
9	A global eddy hindcast ocean simulation with OFES2. <i>Geoscientific Model Development</i> , 2020, 13, 3319-3336.	3.6	22
10	Low ocean-floor rises regulate subpolar sea surface temperature by forming baroclinic jets. <i>Nature Communications</i> , 2018, 9, 1190.	12.8	21
11	Dynamics of a Quasi-Stationary Jet along the Subarctic Front in the North Pacific Ocean (the Western Tj ETQq1 1 Q.784314 rgBT /Over	1.7	18
12	Southern Australia Current System based on a gridded hydrography and a high-resolution model. <i>Progress in Oceanography</i> , 2020, 181, 102254.	3.2	13
13	A model for the size distribution of marine microplastics: A statistical mechanics approach. <i>PLoS ONE</i> , 2021, 16, e0259781.	2.5	12
14	Detection of Ocean Internal Tide Source Oscillations on the Slope of Aogashima Island, Japan. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4918-4933.	2.6	6
15	The three-dimensional structure of the Leeuwin Current System in density coordinates in an eddy-resolving OGCM. <i>Ocean Modelling</i> , 2019, 138, 36-50.	2.4	6
16	Influence of Eddy Momentum Fluxes on the Mean Flow of the Kuroshio Extension in a 1/10° Ocean General Circulation Model. <i>Journal of Physical Oceanography</i> , 2016, 46, 2769-2784.	1.7	5
17	Sensing of upslope passages of frontal bores across the trench slope break of the Japan Trench. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3422-3434.	2.6	3
18	A Seasonal Undercurrent Along the Northwest Coast of Australia. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	0