

# Willi Rath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8115516/publications.pdf>

Version: 2024-02-01

11  
papers

173  
citations

1163117

8  
h-index

1474206

9  
g-index

18  
all docs

18  
docs citations

18  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport driven by eddy momentum fluxes in the Gulf Stream Extension region. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	29
2	The Flexible Ocean and Climate Infrastructure version 1 (FOCI1): mean state and variability. <i>Geoscientific Model Development</i> , 2020, 13, 2533-2568.	3.6	24
3	Reduction of near-inertial energy through the dependence of wind stress on the ocean's surface velocity. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2761-2773.	2.6	21
4	Restricted dispersal in a sea of gene flow. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210458.	2.6	21
5	On the spatial and temporal distribution of near-inertial energy in the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 359-376.	2.6	16
6	Deglacial Heat Uptake by the Southern Ocean and Rapid Northward Redistribution Via Antarctic Intermediate Water. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1292-1305.	2.9	14
7	Interannual variability of wind power input to near-inertial motions in the North Atlantic. <i>Ocean Dynamics</i> , 2015, 65, 859-875.	2.2	12
8	Surface cooling caused by rare but intense near-inertial wave induced mixing in the tropical Atlantic. <i>Nature Communications</i> , 2020, 11, 3829.	12.8	10
9	Anomalous discrete chiral symmetry in the Gross-Neveu model and loop gas simulations. <i>Nuclear Physics B</i> , 2009, 822, 408-423.	2.5	9
10	Towards Automated Metamorphic Test Identification for Ocean System Models. , 2021, , .		6
11	Automated identification of metamorphic test scenarios for an ocean-modeling application. , 2020, , .		5