Maxim Nikurashin

List of Publications by Year
in descending order

25	2,042	331670	610901
papers	citations	21 h-index	24 g-index

27	27	27	1529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The lifecycle of topographically-generated internal waves. , 2022, , 117-144.		3
2	Nonâ€Local Energy Dissipation of Lee Waves and Turbulence in the South China Sea. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	3
3	Revisiting the Seasonal Cycle of the Timor Throughflow: Impacts of Winds, Waves and Eddies. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	4
4	Smallâ€Scale Topographic Form Stress and Local Dynamics of the Southern Ocean. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015420.	2.6	4
5	ACCESS-OM2 v1.0: a global oceanâ€“sea ice model at three resolutions. Geoscientific Model Development, 2020, 13, 401-442.	3.6	91
6	Downstream Propagation and Remote Dissipation of Internal Waves in the Southern Ocean. Journal of Physical Oceanography, 2019, 49, 1873-1887.	1.7	25
7	Dissipation of mesoscale eddies and its contribution to mixing in the northern South China Sea. Scientific Reports, 2019, 9, 556.	3.3	32
8	Energy Loss from Transient Eddies due to Lee Wave Generation in the Southern Ocean. Journal of Physical Oceanography, 2018, 48, 2867-2885.	1.7	30
9	Efficiency of turbulent mixing in the abyssal ocean circulation. Geophysical Research Letters, 2017, 44, 6296-6306.	4.0	89
10	Turning Ocean Mixing Upside Down. Journal of Physical Oceanography, 2016, 46, 2239-2261.	1.7	132
11	Influence of Enhanced Abyssal Diapycnal Mixing on Stratification and the Ocean Overturning Circulation. Journal of Physical Oceanography, 2015, 45, 2580-2597.	1.7	39
12	Energy Flux into Internal Lee Waves: Sensitivity to Future Climate Changes Using Linear Theory and a Climate Model. Journal of Climate, 2015, 28, 2365-2384.	3.2	23
13	Southern Ocean buoyancy forcing of ocean ventilation and glacial atmospheric CO2. Nature Geoscience, 2015, 8, 861-864.	12.9	99
14	Sensitivity of the Ocean State to Lee Waveâ€“Driven Mixing. Journal of Physical Oceanography, 2014, 44, 900-921.	1.7	51
15	The Impact of Finite-Amplitude Bottom Topography on Internal Wave Generation in the Southern Ocean. Journal of Physical Oceanography, 2014, 44, 2938-2950.	1.7	61
16	Overturning circulation driven by breaking internal waves in the deep ocean. Geophysical Research Letters, 2013, 40, 3133-3137.	4.0	118
17	Routes to energy dissipation for geostrophic flows in the Southern Ocean. Nature Geoscience, 2013, 6, 48-51.	12.9	132
18	Internal tide generation by abyssal hills using analytical theory. Journal of Geophysical Research: Oceans, 2013, 118, 6303-6318.	2.6	46

#	Article	IF	Citations
19	A Theory of the Interhemispheric Meridional Overturning Circulation and Associated Stratification. Journal of Physical Oceanography, 2012, 42, 1652-1667.	1.7	149
20	Global energy conversion rate from geostrophic flows into internal lee waves in the deep ocean. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	192
21	A Theory of Deep Stratification and Overturning Circulation in the Ocean. Journal of Physical Oceanography, 2011, 41, 485-502.	1.7	129
22	A Mechanism for Local Dissipation of Internal Tides Generated at Rough Topography. Journal of Physical Oceanography, 2011, 41, 378-395.	1.7	86
23	Radiation and Dissipation of Internal Waves Generated by Geostrophic Motions Impinging on Small-Scale Topography: Theory. Journal of Physical Oceanography, 2010, 40, 1055-1074.	1.7	168
24	Suppression of Eddy Diffusivity across Jets in the Southern Ocean. Journal of Physical Oceanography, 2010, 40, 1501-1519.	1.7	202
25	Radiation and Dissipation of Internal Waves Generated by Geostrophic Motions Impinging on Small-Scale Topography: Application to the Southern Ocean. Journal of Physical Oceanography, 2010, 40, 2025-2042.	1.7	130