

# I V Kamenkovich

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

720  
citations

567281

15  
h-index

526287

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oceanic Advection Controls Mesoscale Mixed Layer Heat Budget and Air–Sea Heat Exchange in the Southern Ocean. <i>Journal of Physical Oceanography</i> , 2022, 52, 537-555.	1.7	5
2	Importance of Mesoscale Currents in Amoc Pathways and Timescales. <i>Journal of Physical Oceanography</i> , 2022, , .	1.7	1
3	The Maxwell Effect and the Material Transport by Transient Eddies. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	1
4	Complexity of Mesoscale Eddy Diffusivity in the Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091719.	4.0	16
5	On non-uniqueness of the mesoscale eddy diffusivity. <i>Journal of Fluid Mechanics</i> , 2021, 920, .	3.4	11
6	A study of mesoscale air–sea interaction in the Southern Ocean with a regional coupled model. <i>Ocean Modelling</i> , 2020, 153, 101660.	2.4	11
7	Southern Ocean Biogeochemical Float Deployment Strategy, With Example From the Greenwich Meridian Line (GO–SHIP A12). <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 403-431.	2.6	25
8	Metrics for the Evaluation of the Southern Ocean in Coupled Climate Models and Earth System Models. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3120-3143.	2.6	29
9	Zonally Elongated Transient Flows: Phenomenology and Sensitivity Analysis. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3982-4002.	2.6	6
10	Importance of mesoscale eddies and mean circulation in ventilation of the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2724-2741.	2.6	14
11	Importance of ocean mesoscale variability for air–sea interactions in the Gulf of Mexico. <i>Geophysical Research Letters</i> , 2017, 44, 6352-6362.	4.0	41
12	On the Topographic Modulation of Large-Scale Eddying Flows. <i>Journal of Physical Oceanography</i> , 2017, 47, 2157-2172.	1.7	15
13	Observing System Simulation Experiments for an array of autonomous biogeochemical profiling floats in the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7595-7611.	2.6	14
14	Eddy Trains and Striations in Quasigeostrophic Simulations and the Ocean. <i>Journal of Physical Oceanography</i> , 2016, 46, 2807-2825.	1.7	17
15	Properties and Origins of the Anisotropic Eddy-Induced Transport in the North Atlantic. <i>Journal of Physical Oceanography</i> , 2015, 45, 778-791.	1.7	34
16	On the Dynamics of Flows Induced by Topographic Ridges. <i>Journal of Physical Oceanography</i> , 2015, 45, 927-940.	1.7	13
17	Comparison of Subantarctic Mode Water and Antarctic Intermediate Water formation rates in the South Pacific between NCAR-CCSM4 and observations. <i>Geophysical Research Letters</i> , 2014, 41, 519-526.	4.0	5
18	On the Factors Controlling the Eddy-Induced Transport in the Antarctic Circumpolar Current. <i>Journal of Physical Oceanography</i> , 2014, 44, 2127-2138.	1.7	7

#	ARTICLE	IF	CITATIONS
19	On Spectral Analysis of Mesoscale Eddies. Part II: Nonlinear Analysis. Journal of Physical Oceanography, 2013, 43, 2528-2544.	1.7	35
20	On Spectral Analysis of Mesoscale Eddies. Part I: Linear Analysis. Journal of Physical Oceanography, 2013, 43, 2505-2527.	1.7	33
21	Effects of Topography on Baroclinic Instability. Journal of Physical Oceanography, 2013, 43, 790-804.	1.7	34
22	Eddy-Induced Particle Dispersion in the Near-Surface North Atlantic. Journal of Physical Oceanography, 2012, 42, 2206-2228.	1.7	88
23	Quasi-zonal jets in 3-D Argo data of the northeast Atlantic. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	26
24	Effects of eddies on an ocean observing system with profiling floats: Idealized simulations of the Argo array. Journal of Geophysical Research, 2011, 116, .	3.3	7
25	Role of the Southern Ocean in setting the Atlantic stratification and meridional overturning circulation. Journal of Marine Research, 2011, 69, 277-308.	0.3	12
26	On latency of multiple zonal jets in the oceans. Journal of Fluid Mechanics, 2011, 686, 534-567.	3.4	55
27	Semi-Adiabatic Model of the Deep Stratification and Meridional Overturning. Journal of Physical Oceanography, 2011, 41, 757-780.	1.7	22
28	A Model of Multiple Zonal Jets in the Oceans: Dynamical and Kinematical Analysis. Journal of Physical Oceanography, 2009, 39, 2711-2734.	1.7	50
29	Anisotropic Material Transport by Eddies and Eddy-Driven Currents in a Model of the North Atlantic. Journal of Physical Oceanography, 2009, 39, 3162-3175.	1.7	39
30	Simulation of the Argo observing system in an ocean general circulation model. Journal of Geophysical Research, 2009, 114, .	3.3	4
31	Role of Eddy Forcing in the Dynamics of Multiple Zonal Jets in a Model of the North Atlantic. Journal of Physical Oceanography, 2009, 39, 1361-1379.	1.7	41
32	Isolating the role of mesoscale eddies in mixing of a passive tracer in an eddy resolving model. Journal of Geophysical Research, 2008, 113, .	3.3	9