

Bo Qiu

List of Publications by Year in descending order

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172
papers

11,732
citations

28190

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31759

101
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172
all docs

172
docs citations

172
times ranked

5301
citing authors

#	ARTICLE	IF	CITATIONS
1	Pacific western boundary currents and their roles in climate. <i>Nature</i> , 2015, 522, 299-308.	13.7	474
2	Variability of the Kuroshio Extension Jet, Recirculation Gyre, and Mesoscale Eddies on Decadal Time Scales. <i>Journal of Physical Oceanography</i> , 2005, 35, 2090-2103.	0.7	465
3	Oceanic mass transport by mesoscale eddies. <i>Science</i> , 2014, 345, 322-324.	6.0	391
4	Seasonal Eddy Field Modulation of the North Pacific Subtropical Countercurrent: TOPEX/Poseidon Observations and Theory. <i>Journal of Physical Oceanography</i> , 1999, 29, 2471-2486.	0.7	362
5	Role of the Gulf Stream and Kuroshio-Oyashio Systems in Large-Scale Atmosphere-Ocean Interaction: A Review. <i>Journal of Climate</i> , 2010, 23, 3249-3281.	1.2	355
6	Seasonal and interannual variability of the North Equatorial Current, the Mindanao Current, and the Kuroshio along the Pacific western boundary. <i>Journal of Geophysical Research</i> , 1996, 101, 12315-12330.	3.3	353
7	Kuroshio Extension Variability and Forcing of the Pacific Decadal Oscillations: Responses and Potential Feedback. <i>Journal of Physical Oceanography</i> , 2003, 33, 2465-2482.	0.7	257
8	Western Boundary Currents and Frontal Air-Sea Interaction: Gulf Stream and Kuroshio Extension. <i>Journal of Climate</i> , 2010, 23, 5644-5667.	1.2	251
9	Ventilation of the North Atlantic and North Pacific: Subduction Versus Obduction. <i>Journal of Physical Oceanography</i> , 1995, 25, 2374-2390.	0.7	231
10	Impact of oceanic-scale interactions on the seasonal modulation of ocean dynamics by the atmosphere. <i>Nature Communications</i> , 2014, 5, 5636.	5.8	225
11	Interannual Variability of the Kuroshio Extension System and Its Impact on the Wintertime SST Field. <i>Journal of Physical Oceanography</i> , 2000, 30, 1486-1502.	0.7	220
12	Eddy-mean flow interaction in the decadal modulating Kuroshio Extension system. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 1098-1110.	0.6	220
13	Interannual-to-Decadal Variability in the Bifurcation of the North Equatorial Current off the Philippines. <i>Journal of Physical Oceanography</i> , 2010, 40, 2525-2538.	0.7	217
14	Interannual Variability in the Mid- and Low-Latitude Western North Pacific. <i>Journal of Physical Oceanography</i> , 1992, 22, 1062-1079.	0.7	216
15	Global Observations of Fine-Scale Ocean Surface Topography With the Surface Water and Ocean Topography (SWOT) Mission. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	204
16	Observed 3D Structure, Generation, and Dissipation of Oceanic Mesoscale Eddies in the South China Sea. <i>Scientific Reports</i> , 2016, 6, 24349.	1.6	202
17	Interannual Variability of the North Pacific Subtropical Countercurrent and Its Associated Mesoscale Eddy Field. <i>Journal of Physical Oceanography</i> , 2010, 40, 213-225.	0.7	195
18	A Coupled Decadal Prediction of the Dynamic State of the Kuroshio Extension System. <i>Journal of Climate</i> , 2014, 27, 1751-1764.	1.2	173

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19	Multidecadal Sea Level and Gyre Circulation Variability in the Northwestern Tropical Pacific Ocean. <i>Journal of Physical Oceanography</i> , 2012, 42, 193-206.	0.7	166
20	Title is missing!. <i>Journal of Oceanography</i> , 2002, 58, 57-75.	0.7	158
21	Upper-Ocean Heat Balance in the Kuroshio Extension Region. <i>Journal of Physical Oceanography</i> , 1993, 23, 2027-2041.	0.7	154
22	Seasonal Mesoscale and Submesoscale Eddy Variability along the North Pacific Subtropical Countercurrent. <i>Journal of Physical Oceanography</i> , 2014, 44, 3079-3098.	0.7	153
23	Progress of North Pacific mode water research in the past decade. <i>Journal of Oceanography</i> , 2012, 68, 5-20.	0.7	151
24	Kuroshio Path Variations South of Japan: Bimodality as a Self-Sustained Internal Oscillation. <i>Journal of Physical Oceanography</i> , 2000, 30, 2124-2137.	0.7	150
25	Large-Scale Variability in the Midlatitude Subtropical and Subpolar North Pacific Ocean: Observations and Causes. <i>Journal of Physical Oceanography</i> , 2002, 32, 353-375.	0.7	143
26	Eddy-Induced Heat Transport in the Subtropical North Pacific from Argo, TMI, and Altimetry Measurements. <i>Journal of Physical Oceanography</i> , 2005, 35, 458-473.	0.7	136
27	Decadal Variability in the Formation of the North Pacific Subtropical Mode Water: Oceanic versus Atmospheric Control. <i>Journal of Physical Oceanography</i> , 2006, 36, 1365-1380.	0.7	135
28	Seasonality in Transition Scale from Balanced to Unbalanced Motions in the World Ocean. <i>Journal of Physical Oceanography</i> , 2018, 48, 591-605.	0.7	132
29	Seasonal Modulations in the Eddy Field of the South Pacific Ocean. <i>Journal of Physical Oceanography</i> , 2004, 34, 1515-1527.	0.7	129
30	Partitioning Ocean Motions Into Balanced Motions and Internal Gravity Waves: A Modeling Study in Anticipation of Future Space Missions. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8084-8105.	1.0	126
31	Anticyclonic Eddy Sheddings from Kuroshio Loop and the Accompanying Cyclonic Eddy in the Northeastern South China Sea. <i>Journal of Physical Oceanography</i> , 2017, 47, 1243-1259.	0.7	125
32	Three-Dimensional Structure of the Wind-Driven Circulation in the Subtropical North Pacific. <i>Journal of Physical Oceanography</i> , 1994, 24, 1608-1622.	0.7	121
33	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	1.2	119
34	Coupled Decadal Variability in the North Pacific: An Observationally Constrained Idealized Model*. <i>Journal of Climate</i> , 2007, 20, 3602-3620.	1.2	112
35	Effect of Mesoscale Eddies on Subtropical Mode Water Variability from the Kuroshio Extension System Study (KESS). <i>Journal of Physical Oceanography</i> , 2007, 37, 982-1000.	0.7	111
36	Intraseasonal Variability in the Indo-Pacific Throughflow and the Regions Surrounding the Indonesian Seas. <i>Journal of Physical Oceanography</i> , 1999, 29, 1599-1618.	0.7	106

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37	Low-frequency variability of the North Pacific Ocean: The roles of boundary- and wind-driven baroclinic Rossby waves. <i>Journal of Geophysical Research</i> , 2002, 107, 13-1-13-10.	3.3	106
38	Modulation of Kuroshio transport by mesoscale eddies at the Luzon Strait entrance. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2129-2142.	1.0	101
39	Submesoscale transition from geostrophic flows to internal waves in the northwestern Pacific upper ocean. <i>Nature Communications</i> , 2017, 8, 14055.	5.8	98
40	Mean flow and variability in the Kuroshio Extension from Geosat altimetry data. <i>Journal of Geophysical Research</i> , 1991, 96, 18491-18507.	3.3	96
41	Decadal Variability in the Large-Scale Sea Surface Height Field of the South Pacific Ocean: Observations and Causes. <i>Journal of Physical Oceanography</i> , 2006, 36, 1751-1762.	0.7	91
42	Ocean-Scale Interactions From Space. <i>Earth and Space Science</i> , 2019, 6, 795-817.	1.1	90
43	Observations of the Subtropical Mode Water Evolution from the Kuroshio Extension System Study. <i>Journal of Physical Oceanography</i> , 2006, 36, 457-473.	0.7	85
44	Kuroshio And Oyashio Currents. , 2001, , 1413-1425.		80
45	Seasonal Modulation of Eddy Kinetic Energy and Its Formation Mechanism in the Southeast Indian Ocean. <i>Journal of Physical Oceanography</i> , 2011, 41, 657-665.	0.7	80
46	Quasi-stationary North Equatorial Undercurrent jets across the tropical North Pacific Ocean. <i>Geophysical Research Letters</i> , 2013, 40, 2183-2187.	1.5	79
47	Formation and Subduction of North Pacific Tropical Water and Their Interannual Variability. <i>Journal of Physical Oceanography</i> , 2013, 43, 2400-2415.	0.7	70
48	Seasonal fluctuations of the surface North Equatorial Countercurrent (NECC) across the Pacific basin. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	69
49	Generation of the North Equatorial Undercurrent Jets by Triad Baroclinic Rossby Wave Interactions. <i>Journal of Physical Oceanography</i> , 2013, 43, 2682-2698.	0.7	69
50	Effect of Decadal Kuroshio Extension Jet and Eddy Variability on the Modification of North Pacific Intermediate Water. <i>Journal of Physical Oceanography</i> , 2011, 41, 503-515.	0.7	68
51	Decadal variability of Subtropical Mode Water subduction and its impact on biogeochemistry. <i>Journal of Oceanography</i> , 2015, 71, 389-400.	0.7	67
52	The Kuroshio Extension and its recirculation gyres. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 2088-2099.	0.6	64
53	Concurrent Decadal Mesoscale Eddy Modulations in the Western North Pacific Subtropical Gyre. <i>Journal of Physical Oceanography</i> , 2013, 43, 344-358.	0.7	62
54	Dynamics of Eddy Generation in the Central Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6861-6875.	1.0	62

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55	Variability and Energetics of the Kuroshio Extension and Its Recirculation Gyre from the First Two-Year TOPEX Data. <i>Journal of Physical Oceanography</i> , 1995, 25, 1827-1842.	0.7	61
56	An Observing System Simulation Experiment for the Calibration and Validation of the Surface Water Ocean Topography Sea Surface Height Measurement Using In Situ Platforms. <i>Journal of Atmospheric and Oceanic Technology</i> , 2018, 35, 281-297.	0.5	59
57	Synoptic-Scale Air–Sea Flux Forcing in the Western North Pacific: Observations and Their Impact on SST and the Mixed Layer. <i>Journal of Physical Oceanography</i> , 2004, 34, 2148-2159.	0.7	57
58	Influence of the Decadal Variability of the Kuroshio Extension on the Atmospheric Circulation in the Cold Season. <i>Journal of Climate</i> , 2016, 29, 2123-2144.	1.2	57
59	Length Scales of Eddy Generation and Nonlinear Evolution of the Seasonally Modulated South Pacific Subtropical Countercurrent. <i>Journal of Physical Oceanography</i> , 2008, 38, 1515-1528.	0.7	56
60	Decadal variability of the Kuroshio Extension: mesoscale eddies and recirculations. <i>Ocean Dynamics</i> , 2010, 60, 673-691.	0.9	56
61	Formation and erosion of the seasonal thermocline in the Kuroshio Extension Recirculation Gyre. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 85, 62-74.	0.6	54
62	Reconstructability of Three-Dimensional Upper-Ocean Circulation from SWOT Sea Surface Height Measurements. <i>Journal of Physical Oceanography</i> , 2016, 46, 947-963.	0.7	54
63	Dynamical Links between the Decadal Variability of the Oyashio and Kuroshio Extensions. <i>Journal of Climate</i> , 2017, 30, 9591-9605.	1.2	54
64	The Pacific North Equatorial Current: New Insights from the Origins of the Kuroshio and Mindanao Currents (OKMC) Project. <i>Oceanography</i> , 2015, 28, 24-33.	0.5	53
65	Wind- versus Eddy-Forced Regional Sea Level Trends and Variability in the North Pacific Ocean. <i>Journal of Climate</i> , 2015, 28, 1561-1577.	1.2	53
66	The influence of geostrophic strain on oceanic ageostrophic motion and surface chlorophyll. <i>Nature Communications</i> , 2019, 10, 2838.	5.8	53
67	Rhodium(I)-Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective C ^α -C Activation of Benzocyclobutenones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2859-2863.	7.2	51
68	The Atmospheric Response to Weak Sea Surface Temperature Fronts*. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3356-3377.	0.6	50
69	On the Decadal Variability of the Eddy Kinetic Energy in the Kuroshio Extension. <i>Journal of Physical Oceanography</i> , 2017, 47, 1169-1187.	0.7	50
70	On the Spatial Scales to be Resolved by the Surface Water and Ocean Topography Ka-Band Radar Interferometer. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 87-99.	0.5	50
71	Wind-generated eddy characteristics in the lee of the island of Hawaii. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	48
72	Fifty years of the 137°E repeat hydrographic section in the western North Pacific Ocean. <i>Journal of Oceanography</i> , 2018, 74, 115-145.	0.7	48

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73	Antarctic circumpolar waves: An Indication of ocean-atmosphere coupling in the extratropics. <i>Geophysical Research Letters</i> , 1997, 24, 2585-2588.	1.5	46
74	The Kuroshio Extension Northern Recirculation Gyre: Profiling Float Measurements and Forcing Mechanism. <i>Journal of Physical Oceanography</i> , 2008, 38, 1764-1779.	0.7	45
75	Regionality and seasonality of submesoscale and mesoscale turbulence in the North Pacific Ocean. <i>Ocean Dynamics</i> , 2017, 67, 1195-1216.	0.9	45
76	Low-frequency western Pacific Ocean sea level and circulation changes due to the connectivity of the Philippine Archipelago. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 6759-6773.	1.0	44
77	Reconstructing Upper-Ocean Vertical Velocity Field from Sea Surface Height in the Presence of Unbalanced Motion. <i>Journal of Physical Oceanography</i> , 2020, 50, 55-79.	0.7	44
78	Strengthening of the Kuroshio current by intensifying tropical cyclones. <i>Science</i> , 2020, 368, 988-993.	6.0	42
79	Seasonal variability of the South Equatorial Countercurrent. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	40
80	Program Studies the Kuroshio Extension. <i>Eos</i> , 2008, 89, 161-162.	0.1	40
81	Latitude-dependent finescale turbulent shear generations in the Pacific tropical-extratropical upper ocean. <i>Nature Communications</i> , 2018, 9, 4086.	5.8	40
82	A New Paradigm for the North Pacific Subthermocline Low-Latitude Western Boundary Current System. <i>Journal of Physical Oceanography</i> , 2015, 45, 2407-2423.	0.7	39
83	Maintenance of mid-latitude oceanic fronts by mesoscale eddies. <i>Science Advances</i> , 2020, 6, eaba7880.	4.7	39
84	Spatiotemporal Characteristics and Generation Mechanisms of Submesoscale Currents in the Northeastern South China Sea Revealed by Numerical Simulations. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015404.	1.0	39
85	Interannual Modulations of Oceanic Imprints on the Wintertime Atmospheric Boundary Layer under the Changing Dynamical Regimes of the Kuroshio Extension. <i>Journal of Climate</i> , 2016, 29, 3273-3296.	1.2	38
86	A Climatological View of the Kuroshio/Oyashio System East of Japan*. <i>Journal of Physical Oceanography</i> , 2001, 31, 2575-2589.	0.7	37
87	Intraseasonal to semiannual variability of sea surface height in the eastern, equatorial Indian Ocean and southern Bay of Bengal. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4051-4067.	1.0	37
88	Source of the 70-Day Mesoscale Eddy Variability in the Coral Sea and the North Fiji Basin*. <i>Journal of Physical Oceanography</i> , 2009, 39, 404-420.	0.7	36
89	Decadal seesaw of the Central and Subtropical Mode Water formation associated with the Kuroshio Extension variability. <i>Journal of Oceanography</i> , 2012, 68, 355-360.	0.7	36
90	Simulating emission and scattering of solar-induced chlorophyll fluorescence at far-red band in global vegetation with different canopy structures. <i>Remote Sensing of Environment</i> , 2019, 233, 111373.	4.6	36

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91	The Mindanao Current: Mean Structure and Connectivity. <i>Oceanography</i> , 2015, 28, 34-45.	0.5	34
92	Submesoscale Currents in the Subtropical Upper Ocean Observed by Long-Term High-Resolution Mooring Arrays. <i>Journal of Physical Oceanography</i> , 2021, 51, 187-206.	0.7	32
93	On the Reset of the Wind-Forced Decadal Kuroshio Extension Variability in Late 2017. <i>Journal of Climate</i> , 2020, 33, 10813-10828.	1.2	32
94	Western Boundary Sea Level: A Theory, Rule of Thumb, and Application to Climate Models. <i>Journal of Physical Oceanography</i> , 2017, 47, 957-977.	0.7	31
95	Catalytic Enantioselective Synthesis of 3,4-Polyfused Oxindoles with Quaternary All-Carbon Stereocenters: A Rh-Catalyzed C=C Activation Approach. <i>Organic Letters</i> , 2018, 20, 7689-7693.	2.4	30
96	Atmospheric Response to a Midlatitude SST Front: Alongfront Winds. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3489-3509.	0.6	29
97	Marked coastal warming off Tokai attributable to Kuroshio large meander. <i>Journal of Oceanography</i> , 2020, 76, 141-154.	0.7	29
98	Interdecadal Sea Level Fluctuations at Hawaii. <i>Journal of Physical Oceanography</i> , 2004, 34, 2514-2524.	0.7	27
99	Seasonal variation of eddy kinetic energy of the North Pacific Subtropical Countercurrent simulated by an eddy-resolving OGCM. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	27
100	Interannual modulation of eddy kinetic energy in the southeast Indian Ocean by Southern Annular Mode. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	27
101	The Annual Cycle of the Japan Sea Throughflow. <i>Journal of Physical Oceanography</i> , 2016, 46, 23-39.	0.7	27
102	Statistical features of eddies approaching the Kuroshio east of Taiwan Island and Luzon Island. <i>Journal of Oceanography</i> , 2017, 73, 427-438.	0.7	27
103	Seasonal eddy kinetic energy modulations along the North Equatorial Countercurrent in the western Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6351-6362.	1.0	26
104	Evolution of Submesoscale Ageostrophic Motions Through the Life Cycle of Oceanic Mesoscale Eddies. <i>Geophysical Research Letters</i> , 2018, 45, 11,847.	1.5	26
105	The impact of Eastern-Pacific versus Central-Pacific El Niño±os on the North Equatorial Countercurrent in the Pacific Ocean. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	25
106	Interannual and interdecadal variability of the North Equatorial Countercurrent in the Western Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7743-7758.	1.0	24
107	Decadal Variability of Eddy Characteristics and Energetics in the Kuroshio Extension: Unstable Versus Stable States. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6653-6669.	1.0	24
108	Low-frequency eddy modulations in the Hawaiian Lee Countercurrent: Observations and connection to the Pacific Decadal Oscillation. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22

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109	Seasonal Variation of the South Equatorial Current Bifurcation off Madagascar. <i>Journal of Physical Oceanography</i> , 2014, 44, 618-631.	0.7	22
110	Strengthening <sc>K</sc>uroshio observed at its origin during <sc>N</sc>ovember 2010 to <sc>O</sc>ctober 2012. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 2460-2470.	1.0	22
111	ChinaSpec: A Network for Long-Term Ground-Based Measurements of Solar-Induced Fluorescence in China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JC006042.	1.3	22
112	Rhodium(I)-Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective C ^α -C Activation of Benzocyclobutenones. <i>Angewandte Chemie</i> , 2018, 130, 2909-2913.	1.6	21
113	Mesoscale Air-Sea Interaction and Its Role in Eddy Energy Dissipation in the Kuroshio Extension. <i>Journal of Climate</i> , 2019, 32, 8659-8676.	1.2	21
114	Local Atmospheric Response to the Kuroshio Large Meander Path in Summer and Its Remote Influence on the Climate of Japan. <i>Journal of Climate</i> , 2021, 34, 3571-3589.	1.2	20
115	Three-Dimensional Structure and Interannual Variability of the Kuroshio Loop Current in the Northeastern South China Sea. <i>Journal of Physical Oceanography</i> , 2020, 50, 2437-2455.	0.7	20
116	The Vertical Structure of Eddy Heat Transport Simulated by an Eddy-Resolving OGCM. <i>Journal of Physical Oceanography</i> , 2010, 40, 340-353.	0.7	19
117	Interannual Eddy Kinetic Energy Modulations in the Agulhas Return Current. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6449-6462.	1.0	19
118	Surface Chlorophyll Enhancement in Mesoscale Eddies by Submesoscale Spiral Bands. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088820.	1.5	19
119	Seasonal variation of the upper ocean responding to surface heating in the <sc>N</sc>orth <sc>P</sc>acific. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5631-5647.	1.0	18
120	Response of the Inertial Recirculation to Intensified Stratification in a Two-Layer Quasigeostrophic Ocean Circulation Model. <i>Journal of Physical Oceanography</i> , 2013, 43, 1254-1269.	0.7	17
121	FLEAT: A Multiscale Observational and Modeling Program to Understand How Topography Affects Flows in the Western North Pacific. <i>Oceanography</i> , 2019, 32, 10-21.	0.5	17
122	Seasonal Modulation of Submesoscale Kinetic Energy in the Upper Ocean of the Northeastern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	1.0	17
123	Intra-seasonal variability of Pacific-origin sea level anomalies around the Philippine Archipelago. <i>Journal of Oceanography</i> , 2015, 71, 239-249.	0.7	16
124	Decomposition of the Multimodal Multidirectional M2 Internal Tide Field. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 1157-1173.	0.5	16
125	Dynamics on Seasonal Variability of EKE Associated with TIWs in the Eastern Equatorial Pacific Ocean. <i>Journal of Physical Oceanography</i> , 2019, 49, 1503-1519.	0.7	16
126	Meridional Shift of the Oyashio Extension Front in the Past 36 Years. <i>Geophysical Research Letters</i> , 2018, 45, 9042-9048.	1.5	15

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127	Kuroshio and Oyashio Currents. , 2019, , 384-394.		15
128	Diagnosing the development of seasonal stratification using the potential energy anomaly in the North Pacific. <i>Climate Dynamics</i> , 2019, 53, 4667-4681.	1.7	15
129	Impact of the Atlantic Multidecadal Oscillation on the Pacific North Equatorial Current bifurcation. <i>Scientific Reports</i> , 2019, 9, 2162.	1.6	15
130	Time-varying parametric subharmonic instability from repeat CTD surveys in the northwestern Pacific Ocean. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
131	Mechanism of seasonal eddy kinetic energy variability in the eastern equatorial Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3240-3252.	1.0	14
132	Rh-Catalyzed Cascade C ₂ H ₄ Activations and Mechanistic Insight. <i>ACS Catalysis</i> , 2021, 11, 9136-9142.	5.5	14
133	Nonlinear Short-Term Upper Ocean Circulation Variability in the Tropical Western Pacific. <i>Oceanography</i> , 2019, 32, 22-31.	0.5	14
134	An exchange flow between the Okhotsk Sea and the North Pacific driven by the East Kamchatka Current. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 6747-6758.	1.0	13
135	Modulation of Rossby waves on the Pacific North Equatorial Current bifurcation associated with the 1976 climate regime shift. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6669-6679.	1.0	12
136	Mesoscale eddies northeast of the Hawaiian archipelago from satellite altimeter observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
137	Interannual to Multidecadal Forcing of Mesoscale Eddy Kinetic Energy in the Subtropical Southern Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8180-8202.	1.0	11
138	On the seasonal variability of the Oyashio extension fronts. <i>Climate Dynamics</i> , 2019, 53, 7011-7025.	1.7	11
139	Decadal Variability in the South Pacific Subtropical Countercurrent and Regional Mesoscale Eddy Activity. <i>Journal of Physical Oceanography</i> , 2017, 47, 499-512.	0.7	10
140	Profiling float measurements of the recirculation gyre south of the Kuroshio Extension in May to November 2004. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	9
141	Ocean mixed layer processes in the Pacific Decadal Oscillation in coupled general circulation models. <i>Climate Dynamics</i> , 2013, 41, 1407-1417.	1.7	9
142	Interannual Modulations of the 50-Day Oscillations in the Celebes Sea: Dynamics and Impact. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4666-4679.	1.0	9
143	Annual versus semi-annual eddy kinetic energy variability in the Celebes Sea. <i>Journal of Oceanography</i> , 2020, 76, 401-418.	0.7	9
144	Subsurface Mesoscale Eddies Observed in the Northeastern South China Sea: Dynamic Features and Water Mass Transport. <i>Journal of Physical Oceanography</i> , 2022, 52, 841-855.	0.7	9

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145	Bi-Directional Energy Cascades in the Pacific Ocean From Equator to Subarctic Gyre. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	9
146	Diagnosing Ocean-Wave-Turbulence Interactions From Space. <i>Geophysical Research Letters</i> , 2019, 46, 8933-8942.	1.5	8
147	Sea Surface Height Variability in the 30-120km Wavelength Band From Altimetry Along-Track Observations. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017284.	1.0	8
148	Enhanced 2-8-day Oscillations Associated with Tropical Instability Waves. <i>Journal of Physical Oceanography</i> , 2014, 44, 1908-1918.	0.7	7
149	Influence of an Island on Hysteresis of a Western Boundary Current Flowing across a Gap. <i>Journal of Physical Oceanography</i> , 2019, 49, 1353-1366.	0.7	7
150	Seasonal oceanic variability on meso- and submesoscales: a turbulence perspective. <i>Ocean Dynamics</i> , 2021, 71, 475-489.	0.9	7
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