Bo Qiu

List of Publications by Year
in descending order

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172	11,732	28274	31849
papers	citations	55 h-index	101 g-index

172	172	172	5301
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pacific western boundary currents and their roles in climate. Nature, 2015, 522, 299-308.	27.8	474
2	Variability of the Kuroshio Extension Jet, Recirculation Gyre, and Mesoscale Eddies on Decadal Time Scales. Journal of Physical Oceanography, 2005, 35, 2090-2103.	1.7	465
3	Oceanic mass transport by mesoscale eddies. Science, 2014, 345, 322-324.	12.6	391
4	Seasonal Eddy Field Modulation of the North Pacific Subtropical Countercurrent: TOPEX/Poseidon Observations and Theory. Journal of Physical Oceanography, 1999, 29, 2471-2486.	1.7	362
5	Role of the Gulf Stream and Kuroshioâ€“Oyashio Systems in Large-Scale Atmosphereâ€“Ocean Interaction: A Review. Journal of Climate, 2010, 23, 3249-3281.	3.2	355
6	Seasonal and interannual variability of the North Equatorial Current, the Mindanao Current, and the Kuroshio along the Pacific western boundary. Journal of Geophysical Research, 1996, 101, 12315-12330.	3.3	353
7	Kuroshio Extension Variability and Forcing of the Pacific Decadal Oscillations: Responses and Potential Feedback. Journal of Physical Oceanography, 2003, 33, 2465-2482.	1.7	257
8	Western Boundary Currents and Frontal Airâ€“Sea Interaction: Gulf Stream and Kuroshio Extension. Journal of Climate, 2010, 23, 5644-5667.	3.2	251
9	Ventilation of the North Atlantic and North Pacific: Subduction Versus Obduction. Journal of Physical Oceanography, 1995, 25, 2374-2390.	1.7	231
10	Impact of oceanic-scale interactions on the seasonal modulation of ocean dynamics by the atmosphere. Nature Communications, 2014, 5, 5636.	12.8	225
11	Interannual Variability of the Kuroshio Extension System and Its Impact on the Wintertime SST Field. Journal of Physical Oceanography, 2000, 30, 1486-1502.	1.7	220
12	Eddy-mean flow interaction in the decadally modulating Kuroshio Extension system. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 1098-1110.	1.4	220
13	Interannual-to-Decadal Variability in the Bifurcation of the North Equatorial Current off the Philippines. Journal of Physical Oceanography, 2010, 40, 2525-2538.	1.7	217
14	Interannual Variability in the Mid- and Low-Latitude Western North Pacific. Journal of Physical Oceanography, 1992, 22, 1062-1079.	1.7	216
15	Global Observations of Fine-Scale Ocean Surface Topography With the Surface Water and Ocean Topography (SWOT) Mission. Frontiers in Marine Science, 2019, 6, .	2.5	204
16	Observed 3D Structure, Generation, and Dissipation of Oceanic Mesoscale Eddies in the South China Sea. Scientific Reports, 2016, 6, 24349.	3.3	202
17	Interannual Variability of the North Pacific Subtropical Countercurrent and Its Associated Mesoscale Eddy Field. Journal of Physical Oceanography, 2010, 40, 213-225.	1.7	195
18	A Coupled Decadal Prediction of the Dynamic State of the Kuroshio Extension System. Journal of Climate, 2014, 27, 1751-1764.	3.2	173

#	Article	IF	Citations
19	Multidecadal Sea Level and Gyre Circulation Variability in the Northwestern Tropical Pacific Ocean. Journal of Physical Oceanography, 2012, 42, 193-206.	1.7	166
20	Title is missing!. Journal of Oceanography, 2002, 58, 57-75.	1.7	158
21	Upper-Ocean Heat Balance in the Kuroshio Extension Region. Journal of Physical Oceanography, 1993, 23, 2027-2041.	1.7	154
22	Seasonal Mesoscale and Submesoscale Eddy Variability along the North Pacific Subtropical Countercurrent. Journal of Physical Oceanography, 2014, 44, 3079-3098.	1.7	153
23	Progress of North Pacific mode water research in the past decade. Journal of Oceanography, 2012, 68, 5-20.	1.7	151
24	Kuroshio Path Variations South of Japan: Bimodality as a Self-Sustained Internal Oscillation. Journal of Physical Oceanography, 2000, 30, 2124-2137.	1.7	150
25	Large-Scale Variability in the Midlatitude Subtropical and Subpolar North Pacific Ocean: Observations and Causes. Journal of Physical Oceanography, 2002, 32, 353-375.	1.7	143
26	Eddy-Induced Heat Transport in the Subtropical North Pacific from Argo, TMI, and Altimetry Measurements. Journal of Physical Oceanography, 2005, 35, 458-473.	1.7	136
27	Decadal Variability in the Formation of the North Pacific Subtropical Mode Water: Oceanic versus Atmospheric Control. Journal of Physical Oceanography, 2006, 36, 1365-1380.	1.7	135
28	Seasonality in Transition Scale from Balanced to Unbalanced Motions in the World Ocean. Journal of Physical Oceanography, 2018, 48, 591-605.	1.7	132
29	Seasonal Modulations in the Eddy Field of the South Pacific Ocean. Journal of Physical Oceanography, 2004, 34, 1515-1527.	1.7	129
30	Partitioning Ocean Motions Into Balanced Motions and Internal Gravity Waves: A Modeling Study in Anticipation of Future Space Missions. Journal of Geophysical Research: Oceans, 2018, 123, 8084-8105.	2.6	126
31	Anticyclonic Eddy Sheddings from Kuroshio Loop and the Accompanying Cyclonic Eddy in the Northeastern South China Sea. Journal of Physical Oceanography, 2017, 47, 1243-1259.	1.7	125
32	Three-Dimensional Structure of the Wind-Driven Circulation in the Subtropical North Pacific. Journal of Physical Oceanography, 1994, 24, 1608-1622.	1.7	121
33	Altimetry for the future: Building on 25 years of progress. Advances in Space Research, 2021, 68, 319-363.	2.6	119
34	Coupled Decadal Variability in the North Pacific: An Observationally Constrained Idealized Model*. Journal of Climate, 2007, 20, 3602-3620.	3.2	112
35	Effect of Mesoscale Eddies on Subtropical Mode Water Variability from the Kuroshio Extension System Study (KESS). Journal of Physical Oceanography, 2007, 37, 982-1000.	1.7	111
36	Intraseasonal Variability in the Indoâ€“Pacific Throughflow and the Regions Surrounding the Indonesian Seas. Journal of Physical Oceanography, 1999, 29, 1599-1618.	1.7	106

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37	Low-frequency variability of the North Pacific Ocean: The roles of boundary- and wind-driven baroclinic Rossby waves. Journal of Geophysical Research, 2002, 107, 13-1-13-10.	3.3	106
38	Modulation of Kuroshio transport by mesoscale eddies at the Luzon Strait entrance. Journal of Geophysical Research: Oceans, 2014, 119, 2129-2142.	2.6	101
39	Submesoscale transition from geostrophic flows to internal waves in the northwestern Pacific upper ocean. Nature Communications, 2017, 8, 14055.	12.8	98
40	Mean flow and variability in the Kuroshio Extension from Geosat altimetry data. Journal of Geophysical Research, 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. Journal of Physical Oceanography, 2006, 36, 1751-1762.	1.7	91
42	Oceanâ€Scale Interactions From Space. Earth and Space Science, 2019, 6, 795-817.	2.6	90
43	Observations of the Subtropical Mode Water Evolution from the Kuroshio Extension System Study. Journal of Physical Oceanography, 2006, 36, 457-473.	1.7	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. Journal of Physical Oceanography, 2011, 41, 657-665.	1.7	80
46	Quasiâ€stationary North Equatorial Undercurrent jets across the tropical North Pacific Ocean. Geophysical Research Letters, 2013, 40, 2183-2187.	4.0	79
47	Formation and Subduction of North Pacific Tropical Water and Their Interannual Variability. Journal of Physical Oceanography, 2013, 43, 2400-2415.	1.7	70
48	Seasonal fluctuations of the surface North Equatorial Countercurrent (NECC) across the Pacific basin. Journal of Geophysical Research, 2012, 117, .	3.3	69
49	Generation of the North Equatorial Undercurrent Jets by Triad Baroclinic Rossby Wave Interactions. Journal of Physical Oceanography, 2013, 43, 2682-2698.	1.7	69
50	Effect of Decadal Kuroshio Extension Jet and Eddy Variability on the Modification of North Pacific Intermediate Water. Journal of Physical Oceanography, 2011, 41, 503-515.	1.7	68
51	Decadal variability of Subtropical Mode Water subduction and its impact on biogeochemistry. Journal of Oceanography, 2015, 71, 389-400.	1.7	67
52	The Kuroshio Extension and its recirculation gyres. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 2088-2099.	1.4	64
53	Concurrent Decadal Mesoscale Eddy Modulations in the Western North Pacific Subtropical Gyre. Journal of Physical Oceanography, 2013, 43, 344-358.	1.7	62
54	Dynamics of Eddy Generation in the Central Bay of Bengal. Journal of Geophysical Research: Oceans, 2018, 123, 6861-6875.	2.6	62

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55	Variability and Energetics of the Kuroshio Extension and Its Recirculation Gyre from the First Two-Year TOPEX Data. Journal of Physical Oceanography, 1995, 25, 1827-1842.	1.7	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. Journal of Atmospheric and Oceanic Technology, 2018, 35, 281-297.	1.3	59
57	Synoptic-Scale Airâ€“Sea Flux Forcing in the Western North Pacific: Observations and Their Impact on SST and the Mixed Layer. Journal of Physical Oceanography, 2004, 34, 2148-2159.	1.7	57
58	Influence of the Decadal Variability of the Kuroshio Extension on the Atmospheric Circulation in the Cold Season. Journal of Climate, 2016, 29, 2123-2144.	3.2	57
59	Length Scales of Eddy Generation and Nonlinear Evolution of the Seasonally Modulated South Pacific Subtropical Countercurrent. Journal of Physical Oceanography, 2008, 38, 1515-1528.	1.7	56
60	Decadal variability of the Kuroshio Extension: mesoscale eddies and recirculations. Ocean Dynamics, 2010, 60, 673-691.	2.2	56
61	Formation and erosion of the seasonal thermocline in the Kuroshio Extension Recirculation Gyre. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 85, 62-74.	1.4	54
62	Reconstructability of Three-Dimensional Upper-Ocean Circulation from SWOT Sea Surface Height Measurements. Journal of Physical Oceanography, 2016, 46, 947-963.	1.7	54
63	Dynamical Links between the Decadal Variability of the Oyashio and Kuroshio Extensions. Journal of Climate, 2017, 30, 9591-9605.	3.2	54
64	The Pacific North Equatorial Current: New Insights from the Origins of the Kuroshio and Mindanao Currents (OKMC) Project. Oceanography, 2015, 28, 24-33.	1.0	53
65	Wind- versus Eddy-Forced Regional Sea Level Trends and Variability in the North Pacific Ocean. Journal of Climate, 2015, 28, 1561-1577.	3.2	53
66	The influence of geostrophic strain on oceanic ageostrophic motion and surface chlorophyll. Nature Communications, 2019, 10, 2838.	12.8	53
67	Rhodium(I)â€Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective Câ^'C Activation of Benzocyclobutenones. Angewandte Chemie - International Edition, 2018, 57, 2859-2863.	13.8	51
68	The Atmospheric Response to Weak Sea Surface Temperature Fronts*. Journals of the Atmospheric Sciences, 2015, 72, 3356-3377.	1.7	50
69	On the Decadal Variability of the Eddy Kinetic Energy in the Kuroshio Extension. Journal of Physical Oceanography, 2017, 47, 1169-1187.	1.7	50
70	On the Spatial Scales to be Resolved by the Surface Water and Ocean Topography Ka-Band Radar Interferometer. Journal of Atmospheric and Oceanic Technology, 2019, 36, 87-99.	1.3	50
71	Windâ€generated eddy characteristics in the lee of the island of Hawaii. Journal of Geophysical Research, 2010, 115, .	3.3	48
72	Fifty years of the 137Â°E repeat hydrographic section in the western North Pacific Ocean. Journal of Oceanography, 2018, 74, 115-145.	1.7	48

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73	Antarctic circumpolar waves: An Indication of ocean-atmosphere coupling in the extratropics. Geophysical Research Letters, 1997, 24, 2585-2588.	4.0	46
74	The Kuroshio Extension Northern Recirculation Gyre: Profiling Float Measurements and Forcing Mechanism. Journal of Physical Oceanography, 2008, 38, 1764-1779.	1.7	45
75	Regionality and seasonality of submesoscale and mesoscale turbulence in the North Pacific Ocean. Ocean Dynamics, 2017, 67, 1195-1216.	2.2	45
76	Lowâ€frequency western Pacific Ocean sea level and circulation changes due to the connectivity of the Philippine Archipelago. Journal of Geophysical Research: Oceans, 2013, 118, 6759-6773.	2.6	44
77	Reconstructing Upper-Ocean Vertical Velocity Field from Sea Surface Height in the Presence of Unbalanced Motion. Journal of Physical Oceanography, 2020, 50, 55-79.	1.7	44
78	Strengthening of the Kuroshio current by intensifying tropical cyclones. Science, 2020, 368, 988-993.	12.6	42
79	Seasonal variability of the South Equatorial Countercurrent. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	40
80	Program Studies the Kuroshio Extension. Eos, 2008, 89, 161-162.	0.1	40
81	Latitude-dependent finescale turbulent shear generations in the Pacific tropical-extratropical upper ocean. Nature Communications, 2018, 9, 4086.	12.8	40
82	A New Paradigm for the North Pacific Subthermocline Low-Latitude Western Boundary Current System. Journal of Physical Oceanography, 2015, 45, 2407-2423.	1.7	39
83	Maintenance of mid-latitude oceanic fronts by mesoscale eddies. Science Advances, 2020, 6, eaba7880.	10.3	39
84	Spatiotemporal Characteristics and Generation Mechanisms of Submesoscale Currents in the Northeastern South China Sea Revealed by Numerical Simulations. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015404.	2.6	39
85	Interannual Modulations of Oceanic Imprints on the Wintertime Atmospheric Boundary Layer under the Changing Dynamical Regimes of the Kuroshio Extension. Journal of Climate, 2016, 29, 3273-3296.	3.2	38
86	A Climatological View of the Kuroshio/Oyashio System East of Japan*. Journal of Physical Oceanography, 2001, 31, 2575-2589.	1.7	37
87	Intraseasonalâ€toâ€semiannual variability of seaâ€surface height in the astern, equatorial <scp>I</scp>ndian <scp>O</scp>cean and southern <scp>B</scp>ay of <scp>B</scp>engal. Journal of Geophysical Research: Oceans, 2017, 122, 4051-4067.	2.6	37
88	Source of the 70-Day Mesoscale Eddy Variability in the Coral Sea and the North Fiji Basin*. Journal of Physical Oceanography, 2009, 39, 404-420.	1.7	36
89	Decadal seesaw of the Central and Subtropical Mode Water formation associated with the Kuroshio Extension variability. Journal of Oceanography, 2012, 68, 355-360.	1.7	36
90	Simulating emission and scattering of solar-induced chlorophyll fluorescence at far-red band in global vegetation with different canopy structures. Remote Sensing of Environment, 2019, 233, 111373.	11.0	36

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91	The Mindanao Current: Mean Structure and Connectivity. Oceanography, 2015, 28, 34-45.	1.0	34
92	Submesoscale Currents in the Subtropical Upper Ocean Observed by Long-Term High-Resolution Mooring Arrays. Journal of Physical Oceanography, 2021, 51, 187-206.	1.7	32
93	On the Reset of the Wind-Forced Decadal Kuroshio Extension Variability in Late 2017. Journal of Climate, 2020, 33, 10813-10828.	3.2	32
94	Western Boundary Sea Level: A Theory, Rule of Thumb, and Application to Climate Models. Journal of Physical Oceanography, 2017, 47, 957-977.	1.7	31
95	Catalytic Enantioselective Synthesis of 3,4-Polyfused Oxindoles with Quaternary All-Carbon Stereocenters: A Rh-Catalyzed Câ€“C Activation Approach. Organic Letters, 2018, 20, 7689-7693.	4.6	30
96	Atmospheric Response to a Midlatitude SST Front: Alongfront Winds. Journals of the Atmospheric Sciences, 2016, 73, 3489-3509.	1.7	29
97	Marked coastal warming off Tokai attributable to Kuroshio large meander. Journal of Oceanography, 2020, 76, 141-154.	1.7	29
98	Interdecadal Sea Level Fluctuations at Hawaii. Journal of Physical Oceanography, 2004, 34, 2514-2524.	1.7	27
99	Seasonal variation of eddy kinetic energy of the North Pacific Subtropical Countercurrent simulated by an eddy-resolving OGCM. Geophysical Research Letters, 2007, 34, .	4.0	27
100	Interannual modulation of eddy kinetic energy in the southeast Indian Ocean by Southern Annular Mode. Journal of Geophysical Research, 2011, 116, .	3.3	27
101	The Annual Cycle of the Japan Sea Throughflow. Journal of Physical Oceanography, 2016, 46, 23-39.	1.7	27
102	Statistical features of eddies approaching the Kuroshio east of Taiwan Island and Luzon Island. Journal of Oceanography, 2017, 73, 427-438.	1.7	27
103	Seasonal eddy kinetic energy modulations along the North Equatorial Countercurrent in the western Pacific. Journal of Geophysical Research: Oceans, 2015, 120, 6351-6362.	2.6	26
104	Evolution of Submesoscale Ageostrophic Motions Through the Life Cycle of Oceanic Mesoscale Eddies. Geophysical Research Letters, 2018, 45, 11,847.	4.0	26
105	The impact of Easternâ€Pacific versus Centralâ€Pacific El NiÃ±os on the North Equatorial Countercurrent in the Pacific Ocean. Journal of Geophysical Research, 2012, 117, .	3.3	25
106	Interannual and interdecadal variability of the <scp>N</scp>orth <scp>E</scp>quatorial <scp>C</scp>ountercurrent in the <scp>W</scp>estern <scp>P</scp>acific. Journal of Geophysical Research: Oceans, 2016, 121, 7743-7758.	2.6	24
107	Decadal Variability of Eddy Characteristics and Energetics in the Kuroshio Extension: Unstable Versus Stable States. Journal of Geophysical Research: Oceans, 2018, 123, 6653-6669.	2.6	24
108	Low-frequency eddy modulations in the Hawaiian Lee Countercurrent: Observations and connection to the Pacific Decadal Oscillation. Journal of Geophysical Research, 2011, 116, .	3.3	22

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109	Seasonal Variation of the South Equatorial Current Bifurcation off Madagascar. Journal of Physical Oceanography, 2014, 44, 618-631.	1.7	22
110	Strengthening <scp>K</scp>uroshio observed at its origin during <scp>N</scp>ovember 2010 to <scp>O</scp>ctober 2012. Journal of Geophysical Research: Oceans, 2015, 120, 2460-2470.	2.6	22
111	ChinaSpec: A Network for Longâ€Term Groundâ€Based Measurements of Solarâ€Induced Fluorescence in China. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006042.	3.0	22
112	Rhodium(I)â€Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective Câ^'C Activation of Benzocyclobutenones. Angewandte Chemie, 2018, 130, 2909-2913.	2.0	21
113	Mesoscale Airâ€“Sea Interaction and Its Role in Eddy Energy Dissipation in the Kuroshio Extension. Journal of Climate, 2019, 32, 8659-8676.	3.2	21
114	Local Atmospheric Response to the Kuroshio Large Meander Path in Summer and Its Remote Influence on the Climate of Japan. Journal of Climate, 2021, 34, 3571-3589.	3.2	20
115	Three-Dimensional Structure and Interannual Variability of the Kuroshio Loop Current in the Northeastern South China Sea. Journal of Physical Oceanography, 2020, 50, 2437-2455.	1.7	20
116	The Vertical Structure of Eddy Heat Transport Simulated by an Eddy-Resolving OGCM. Journal of Physical Oceanography, 2010, 40, 340-353.	1.7	19
117	Interannual Eddy Kinetic Energy Modulations in the Agulhas Return Current. Journal of Geophysical Research: Oceans, 2018, 123, 6449-6462.	2.6	19
118	Surface Chlorophyll Enhancement in Mesoscale Eddies by Submesoscale Spiral Bands. Geophysical Research Letters, 2020, 47, e2020GL088820.	4.0	19
119	Seasonal variation of the upper ocean responding to surface heating in the <scp>N</scp>orth <scp>P</scp>acific. Journal of Geophysical Research: Oceans, 2015, 120, 5631-5647.	2.6	18
120	Response of the Inertial Recirculation to Intensified Stratification in a Two-Layer Quasigeostrophic Ocean Circulation Model. Journal of Physical Oceanography, 2013, 43, 1254-1269.	1.7	17
121	FLEAT: A Multiscale Observational and Modeling Program to Understand How Topography Affects Flows in the Western North Pacific. Oceanography, 2019, 32, 10-21.	1.0	17
122	Seasonal Modulation of Submesoscale Kinetic Energy in the Upper Ocean of the Northeastern South China Sea. Journal of Geophysical Research: Oceans, 2021, 126, .	2.6	17
123	Intra-seasonal variability of Pacific-origin sea level anomalies around the Philippine Archipelago. Journal of Oceanography, 2015, 71, 239-249.	1.7	16
124	Decomposition of the Multimodal Multidirectional M2 Internal Tide Field. Journal of Atmospheric and Oceanic Technology, 2019, 36, 1157-1173.	1.3	16
125	Dynamics on Seasonal Variability of EKE Associated with TIWs in the Eastern Equatorial Pacific Ocean. Journal of Physical Oceanography, 2019, 49, 1503-1519.	1.7	16
126	Meridional Shift of the Oyashio Extension Front in the Past 36ÂYears. Geophysical Research Letters, 2018, 45, 9042-9048.	4.0	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. Climate Dynamics, 2019, 53, 4667-4681.	3.8	15
129	Impact of the Atlantic Multidecadal Oscillation on the Pacific North Equatorial Current bifurcation. Scientific Reports, 2019, 9, 2162.	3.3	15
130	Timeâ€varying parametric subharmonic instability from repeat CTD surveys in the northwestern Pacific Ocean. Journal of Geophysical Research, 2012, 117, .	3.3	14
131	Mechanism of seasonal eddy kinetic energy variability in the eastern equatorial <scp>P</scp>acific <scp>O</scp>cean. Journal of Geophysical Research: Oceans, 2017, 122, 3240-3252.	2.6	14
132	Rh-Catalyzed Cascade Câ€“C/C_{olefin}â€“H Activations and Mechanistic Insight. ACS Catalysis, 2021, 11, 9136-9142.	11.2	14
133	Nonlinear Short-Term Upper Ocean Circulation Variability in the Tropical Western Pacific. Oceanography, 2019, 32, 22-31.	1.0	14
134	An exchange flow between the Okhotsk Sea and the North Pacific driven by the East Kamchatka Current. Journal of Geophysical Research: Oceans, 2013, 118, 6747-6758.	2.6	13
135	Modulation of <scp>R</scp>ossby waves on the <scp>P</scp>acific <scp>N</scp>orth <scp>E</scp>quatorial <scp>C</scp>urrent bifurcation associated with the 1976 climate regime shift. Journal of Geophysical Research: Oceans, 2014, 119, 6669-6679.	2.6	12
136	Mesoscale eddies northeast of the Hawaiian archipelago from satellite altimeter observations. Journal of Geophysical Research, 2010, 115, .	3.3	11
137	Interannual to Multidecadal Forcing of Mesoscale Eddy Kinetic Energy in the Subtropical Southern Indian Ocean. Journal of Geophysical Research: Oceans, 2018, 123, 8180-8202.	2.6	11
138	On the seasonal variability of the Oyashio extension fronts. Climate Dynamics, 2019, 53, 7011-7025.	3.8	11
139	Decadal Variability in the South Pacific Subtropical Countercurrent and Regional Mesoscale Eddy Activity. Journal of Physical Oceanography, 2017, 47, 499-512.	1.7	10
140	Profiling float measurements of the recirculation gyre south of the Kuroshio Extension in May to November 2004. Journal of Geophysical Research, 2007, 112, .	3.3	9
141	Ocean mixed layer processes in the Pacific Decadal Oscillation in coupled general circulation models. Climate Dynamics, 2013, 41, 1407-1417.	3.8	9
142	Interannual Modulations of the 50â€Đay Oscillations in the Celebes Sea: Dynamics and Impact. Journal of Geophysical Research: Oceans, 2018, 123, 4666-4679.	2.6	9
143	Annual versus semi-annual eddy kinetic energy variability in the Celebes Sea. Journal of Oceanography, 2020, 76, 401-418.	1.7	9
144	Subsurface Mesoscale Eddies Observed in the Northeastern South China Sea: Dynamic Features and Water Mass Transport. Journal of Physical Oceanography, 2022, 52, 841-855.	1.7	9

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145	Biâ€Directional Energy Cascades in the Pacific Ocean From Equator to Subarctic Gyre. Geophysical Research Letters, 2022, 49, .	4.0	9
146	Diagnosing Oceanâ€Waveâ€Turbulence Interactions From Space. Geophysical Research Letters, 2019, 46, 8933-8942.	4.0	8
147	Sea Surface Height Variability in the 30â€“120Âkm Wavelength Band From Altimetry Alongâ€Track Observations. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017284.	2.6	8
148	Enhanced 2-hâ€“8-day Oscillations Associated with Tropical Instability Waves. Journal of Physical Oceanography, 2014, 44, 1908-1918.	1.7	7
149	Influence of an Island on Hysteresis of a Western Boundary Current Flowing across a Gap. Journal of Physical Oceanography, 2019, 49, 1353-1366.	1.7	7
150	Seasonal oceanic variability on meso- and submesoscales: a turbulence perspective. Ocean Dynamics, 2021, 71, 475-489.	2.2	7
151	Subtropical Mode Water in a recent persisting Kuroshio large-meander period: part Iâ€”formation and advection over the entire distribution region. Journal of Oceanography, 2021, 77, 781-795.	1.7	7
152	Energy Transfer in the Western Tropical Pacific. Oceanography, 2019, 32, 136-145.	1.0	7
153	AIRâ€“SEA INTERACTION OVER THE WESTERN BOUNDARY CURRENTS IN THE WESTERN NORTH PACIFIC. World Scientific Series on Asia-Pacific Weather and Climate, 2016, , 187-211.	0.2	6
154	Interannual to Decadal Variations of Submesoscale Motions around the North Pacific Subtropical Countercurrent. Fluids, 2020, 5, 116.	1.7	6
155	Formation of Central Mode Water based on two zonal hydrographic sections in spring 2013 and 2016. Journal of Oceanography, 2020, 76, 373-388.	1.7	6
156	On Contributions of Multiscale Dynamic Processes to the Steric Height in the Northeastern South China Sea as Revealed by Moored Observations. Geophysical Research Letters, 2021, 48, e2021GL093829.	4.0	6
157	Interannual Variability of the Natal Pulse. Journal of Geophysical Research: Oceans, 2019, 124, 9258-9276.	2.6	5
158	Interannual Variations of Submesoscale Circulations in the Subtropical Northeastern Pacific. Geophysical Research Letters, 2022, 49, .	4.0	5
159	Mesoscale Energy Balance and Airâ€“Sea Interaction in the Kuroshio Extension: Low-Frequency versus High-Frequency Variability. Journal of Physical Oceanography, 2021, 51, 895-910.	1.7	4
160	The Observed Agulhas Retroflection Behaviors During 1993â€“2018. Journal of Geophysical Research: Oceans, 2021, 126, .	2.6	4
161	The characteristics of the mid-depth striations in the North Indian Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 162, 103307.	1.4	3
162	Seasonal Reversal of the Nearâ€Surface Chlorophyll Response to the Presence of Mesoscale Eddies in the South Pacific Subtropical Countercurrent. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015752.	2.6	3

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