Peter C Chu

List of Publications by Year
in descending order

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165	4,040	126907	155660
papers	citations	33 h-index	55 g-index

201	201	201	3010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sediment accretion in a lower-energetic location during two consecutive cold fronts. Journal of Operational Oceanography, 2023, 16, 256-266.	1.2	1
2	World ocean annual mean absolute geostrophic velocity on marine geoid of EIGENâ€6C4 from WOA13. Geoscience Data Journal, 2022, 9, 131-139.	4.4	0
3	Prediction of Mobility and Burial of Objects on Sandy Seafloor. IEEE Journal of Oceanic Engineering, 2022, 47, 111-125.	3.8	6
4	Coupled Delft3D-Object Model to Predict Mobility of Munition on Sandy Seafloor. Fluids, 2021, 6, 330.	1.7	3
5	True gravity in ocean dynamics Part 1 Ekman transport. Dynamics of Atmospheres and Oceans, 2021, 96, 101268.	1.8	5
6	World Ocean Thermocline Weakening and Isothermal Layer Warming. Applied Sciences (Switzerland), 2020, 10, 8185.	2.5	1
7	Underwater Optical Path Loss after Passage of a Tropical Storm. Applied Sciences (Switzerland), 2020, 10, 4777.	2.5	1
8	Global ocean synoptic thermocline gradient, isothermal-layer depth, and other upper ocean parameters. Scientific Data, 2019, 6, 119.	5.3	10
9	Lagrangian Drifter to Identify Ocean Eddy Characteristics. Climate, 2019, 7, 137.	2.8	0
10	Underwater optical detection after passage of tropical storm. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	2
11	Steepest Ascent Low/Nonâ€Lowâ€Frequency Ratio in Empirical Mode Decomposition to Separate Deterministic and Stochastic Velocities From a Single Lagrangian Drifter. Journal of Geophysical Research: Oceans, 2018, 123, 1708-1721.	2.6	2
12	Spring Land Surface and Subsurface Temperature Anomalies and Subsequent Downstream Late Springâ€Summer Droughts/Floods in North America and East Asia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 5001-5019.	3.3	65
13	Technical note: Two types of absolute dynamic ocean topography. Ocean Science, 2018, 14, 947-957.	3.4	5
14	Spatial and temporal variability of the California Current identified from the synoptic monthly gridded World Ocean Database (WOD). Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 151, 37-48.	1.4	1
15	Impact of Langmuir Turbulence on the Thermal Response of the Ocean Surface Mixed Layer to Supertyphoon Haitang (2005). Journal of Physical Oceanography, 2018, 48, 1651-1674.	1.7	19
16	World Ocean Isopycnal Level Absolute Geostrophic Velocity (WOIL-V) Inverted from GDEM with the P-Vector Method. Data, 2018, 3, 1.	2.3	33
17	Determination of Dynamic Ocean Topography Using the Minimum Energy State. Universal Journal of Geoscience, 2018, 6, 25-39.	0.7	2
18	Environmental effects on underwater optical transmission. Proceedings of SPIE, 2017, , .	0.8	2

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19	Effect of inter- and intra-annual thermohaline variability on acoustic propagation. Proceedings of SPIE, 2017, , .	0.8	0
20	Exponential leap-forward gradient scheme for determining the isothermal layer depth from profile data. Journal of Oceanography, 2017, 73, 503-526.	1.7	5
21	Operational atmospheric and wave modelling in the Californiaâ€™s coastline and offshore area with applications to wave energy monitoring and assessment. Journal of Operational Oceanography, 2017, 10, 135-153.	1.2	1
22	Impact of sea spray on the <scp>Y</scp>ellow and <scp>E</scp>ast <scp>C</scp>hina <scp>S</scp>eas thermal structure during the passage of <scp>T</scp>yphoon <scp>R</scp>ammasun (2002). Journal of Geophysical Research: Oceans, 2017, 122, 7783-7802.	2.6	17
23	Synoptic monthly gridded global and regional fourâ€dimensional World Ocean Database and Global Temperature and Salinity Profile Programme (T, S, u, v) fields with the optimal spectral decomposition and Pâ€vector methods. Geoscience Data Journal, 2017, 4, 50-71.	4.4	2
24	Use of Global Satellite Altimeter and Drifter Data for Ocean Current Resource Characterization. , 2017, , 159-177.		3
25	Observed strong currents under global tropical cyclones. Journal of Marine Systems, 2016, 159, 33-40.	2.1	11
26	Global Energy-saving Map of Strong Ocean Currents. Journal of Navigation, 2016, 69, 75-92.	1.7	5
27	Ocean spectral data assimilation without background error covariance matrix. Ocean Dynamics, 2016, 66, 1143-1163.	2.2	6
28	Absolute geostrophic velocity inverted from World Ocean Atlas 2013 (WOAV 13) with the Pâ€vector method. Geoscience Data Journal, 2015, 2, 78-82.	4.4	8
29	Low-Frequency Variability of the Yellow Sea Cold Water Mass Identified from the China Coastal Waters and Adjacent Seas Reanalysis. Advances in Meteorology, 2015, 2015, 1-14.	1.6	13
30	Fuel-saving ship route using the Navyâ€™s ensemble meteorological and oceanic forecasts. Journal of Defense Modeling and Simulation, 2015, 12, 41-56.	1.7	20
31	Optimal Spectral Decomposition (OSD) for Ocean Data Assimilation. Journal of Atmospheric and Oceanic Technology, 2015, 32, 828-841.	1.3	5
32	Variational Estimation of Wave-Affected Parameters in a Two-Equation Turbulence Model. Journal of Atmospheric and Oceanic Technology, 2015, 32, 528-546.	1.3	7
33	Site selection of ocean current power generation from drifter measurements. Renewable Energy, 2015, 80, 737-745.	8.9	26
34	Ekman Spiral in a Horizontally Inhomogeneous Ocean with Varying Eddy Viscosity. Pure and Applied Geophysics, 2015, 172, 2831-2857.	1.9	13
35	Tropical cyclone footprint in the ocean mixed layer observed by Argo in the Northwest Pacific. Journal of Geophysical Research: Oceans, 2014, 119, 8078-8092.	2.6	19
36	Geostrophic Circulation in the Tropical North Pacific Ocean Based on Argo Profiles. Journal of Physical Oceanography, 2014, 44, 558-575.	1.7	41

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37	Accuracy Progressive Calculation of Lagrangian Trajectories from a Gridded Velocity Field. Journal of Atmospheric and Oceanic Technology, 2014, 31, 1615-1627.	1.3	8
38	Wave energy potential in the Eastern Mediterranean Levantine Basin. An integrated 10-year study. Renewable Energy, 2014, 69, 311-323.	8.9	53
39	Derivative-optimized empirical mode decomposition for the Hilbertâ€“Huang transform. Journal of Computational and Applied Mathematics, 2014, 259, 57-64.	2.0	25
40	Conceptual Design of Future Undersea Unmanned Vehicle (UUV) System for Mine Disposal. IEEE Systems Journal, 2014, 8, 43-51.	4.6	14
41	Observed near-surface currents under four super typhoons. Journal of Marine Systems, 2014, 139, 311-319.	2.1	13
42	Improvement of short-term forecasting in the northwest Pacific through assimilating Argo data into initial fields. Acta Oceanologica Sinica, 2013, 32, 57-65.	1.0	4
43	Geostrophic meridional transport in tropical Northwest Pacific based on Argo profiles. Chinese Journal of Oceanology and Limnology, 2013, 31, 656-664.	0.7	7
44	Ship Routing Utilizing Strong Ocean Currents. Journal of Navigation, 2013, 66, 825-835.	1.7	28
45	Observed nearâ€surface flows under all tropical cyclone intensity levels using drifters in the northwestern Pacific. Journal of Geophysical Research: Oceans, 2013, 118, 2367-2377.	2.6	25
46	COMPACT EMPIRICAL MODE DECOMPOSITION: AN ALGORITHM TO REDUCE MODE MIXING, END EFFECT, AND DETREND UNCERTAINTY. Advances in Adaptive Data Analysis, 2012, 04, 1250017.	0.6	20
47	A Fully Conserved Minimal Adjustment Scheme with (T, S) Coherency for Stabilization of Hydrographic Profiles. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1854-1865.	1.3	3
48	Speleothem evidence for temporalâ€“spatial variation in the East Asian Summer Monsoon since the Medieval Warm Period. Journal of Quaternary Science, 2012, 27, 901-910.	2.1	20
49	Observed nearâ€surface currents under high wind speeds. Journal of Geophysical Research, 2012, 117, .	3.3	18
50	The impact of spring subsurface soil temperature anomaly in the western U.S. on North American summer precipitation: A case study using regional climate model downscaling. Journal of Geophysical Research, 2012, 117, .	3.3	51
51	Wave height characteristics in the Mediterranean Sea by means of numerical modeling, satellite data, statistical and geometrical techniques. Marine Geophysical Researches, 2012, 33, 1-15.	1.2	34
52	Effect of Cylindrically Shaped Atoll on Westward-Propagating Anticyclonic Eddyâ€”A Case Study. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 43-46.	3.1	5
53	Wave height characteristics in the north Atlantic ocean: a new approach based on statistical and geometrical techniques. Stochastic Environmental Research and Risk Assessment, 2012, 26, 83-103.	4.0	17
54	Interannual-to-interdecadal variability of the Yellow Sea Cold Water Mass in 1967â€“2008: Characteristics and seasonal forcings. Journal of Marine Systems, 2011, 87, 177-193.	2.1	84

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55	Maximum angle method for determining mixed layer depth from seaglider data. Journal of Oceanography, 2011, 67, 219-230.	1.7	31
56	Global upper ocean heat content and climate variability. Ocean Dynamics, 2011, 61, 1189-1204.	2.2	16
57	Statistical post processes for the improvement of the results of numerical wave prediction models. A combination of Kolmogorov-Zurbenko and Kalman filters. Journal of Operational Oceanography, 2011, 4, 23-31.	1.2	21
58	Probability Density Function of Underwater Bomb Trajectory Deviation Due to Stochastic Ocean Surface Slope. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2011, 133, .	1.6	5
59	Temporal and spatial variability of bottom sedimentation for survey periodicity. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	0
60	Effect of Internal Solitary Waves on Underwater Acoustic Propagation. Marine Technology Society Journal, 2010, 44, 10-16.	0.4	1
61	Observational studies on association between eastward equatorial jet and Indian Ocean dipole. Journal of Oceanography, 2010, 66, 429-434.	1.7	7
62	A Conserved Minimal Adjustment Scheme for Stabilization of Hydrographic Profiles. Journal of Atmospheric and Oceanic Technology, 2010, 27, 1072-1083.	1.3	8
63	Optimal Linear Fitting for Objective Determination of Ocean Mixed Layer Depth from Glider Profiles. Journal of Atmospheric and Oceanic Technology, 2010, 27, 1893-1898.	1.3	30
64	Diagnostic-Photographic Determination of Drag/Lift/Torque Coefficients of a High Speed Rigid Body in a Water Column. Journal of Applied Mechanics, Transactions ASME, 2010, 77, .	2.2	3
65	Nutrient pumping/advection by propagating Rossby Waves in the Kuroshio Extension. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 1809-1819.	1.4	6
66	Objective determination of global ocean surface mixed layer depth. , 2010, , .		3
67	Mine Impact Burial Prediction From One to Three Dimensions. Applied Mechanics Reviews, 2009, 62, .	10.1	11
68	Statistical Characteristics of the Global Surface Current Speeds Obtained From Satellite Altimetry and Scatterometer Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 27-32.	4.9	21
69	A new methodology for the extension of the impact of data assimilation on ocean wave prediction. Ocean Dynamics, 2009, 59, 523-535.	2.2	35
70	Analysis of remotely sensed ocean data by the optimal spectral decomposition (OSD) method. , 2009, , .		0
71	South China Sea wave characteristics during typhoon Muifa passage in winter 2004. Journal of Oceanography, 2008, 64, 1-21.	1.7	35
72	Characteristics of thermal finestructure in the southern Yellow Sea and the East China Sea from airborne expendable bathythermograph measurements. Journal of Oceanography, 2008, 64, 859-875.	1.7	4

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73	Atmospheric effects on winter SO2 pollution in Lanzhou, China. Atmospheric Research, 2008, 89, 365-373.	4.1	34
74	Particulate air pollution in Lanzhou China. Environment International, 2008, 34, 698-713.	10.0	84
75	Afforestation for reduction of NOX concentration in Lanzhou China. Environment International, 2008, 34, 688-697.	10.0	11
76	Probability distribution function of the upper equatorial Pacific current speeds. Geophysical Research Letters, 2008, 35, .	4.0	16
77	Optimal Spectral Decomposition (OSD) for Remotely Sensed Ocean Data Assimilation. , 2008, , .		0
78	Weibull Distribution for the Global Surface Current Speeds Obtained from Satellite Altimetry. , 2008, , .		3
79	First Passage Time Analysis on Climate Indices. Journal of Atmospheric and Oceanic Technology, 2008, 25, 258-270.	1.3	2
80	Semi-empirical formulas of drag/lift coefficients for high speed rigid body manoeuvring in water column. , 2008, , .		1
81	On stochastic stability of regional ocean models to finite-amplitude perturbations of initial conditions. Dynamics of Atmospheres and Oceans, 2007, 43, 199-225.	1.8	10
82	Sensitivity of Satellite Altimetry Data Assimilation on a Weapon Acoustic Preset. IEEE Journal of Oceanic Engineering, 2007, 32, 453-468.	3.8	1
83	Mine-Impact Burial Model (IMPACT35) Verification and Improvement Using Sediment Bearing Factor Method. IEEE Journal of Oceanic Engineering, 2007, 32, 34-48.	3.8	18
84	On long baroclinic Rossby waves in the tropical North Atlantic observed from profiling floats. Journal of Geophysical Research, 2007, 112, .	3.3	34
85	Summer temperature trend over the past two millennia using air content in Himalayan ice. Climate of the Past, 2007, 3, 89-95.	3.4	26
86	On non-linear sensitivity of marine biological models to parameter variations. Ecological Modelling, 2007, 206, 369-382.	2.5	21
87	An inverse model for calculation of global volume transport from wind and hydrographic data. Journal of Marine Systems, 2007, 65, 376-399.	2.1	14
88	Effect of wave boundary layer on sea-to-air dimethylsulfide transfer velocity during typhoon passage. Journal of Marine Systems, 2007, 66, 122-129.	2.1	7
89	Change of multifractal thermal characteristics in the western Philippine sea upper layer during internal wave-soliton propagation. Journal of Oceanography, 2007, 63, 927-939.	1.7	8
90	Synoptic distributions of thermal surface mixed layer and thermocline in the southern yellow and East China Seas. Journal of Oceanography, 2007, 63, 1021-1028.	1.7	15

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91	Interannual SST variability in the Japan/East Sea and relationship with environmental variables. Journal of Oceanography, 2006, 62, 115-132.	1.7	24
92	Thermal and haline fronts in the Yellow/East China Seas: Surface and subsurface seasonality comparison. Journal of Oceanography, 2006, 62, 617-638.	1.7	52
93	The role of the halted baroclinic mode at the central equatorial Pacific in El NiÃ±o event. Advances in Atmospheric Sciences, 2006, 23, 45-53.	4.3	0
94	First-passage time for stability analysis of the Kaldor model. Chaos, Solitons and Fractals, 2006, 27, 1355-1368.	5.1	3
95	Prediction of Falling Cylinder Through Air-Water-Sediment Columns. Journal of Applied Mechanics, Transactions ASME, 2006, 73, 300-314.	2.2	22
96	Pseudocylinder Parametrization For Mine Impact Burial Prediction. Journal of Fluids Engineering, Transactions of the ASME, 2005, 127, 1215-1220.	1.5	10
97	Experiment of falling cylinder through the water column. Experimental Thermal and Fluid Science, 2005, 29, 555-568.	2.7	44
98	Seasonal variability of the Black Sea chlorophyll-a concentration. Journal of Marine Systems, 2005, 56, 243-261.	2.1	32
99	Seasonal variability of the Yellow Sea/East China Sea surface fluxes and thermohaline structure. Advances in Atmospheric Sciences, 2005, 22, 1-20.	4.3	84
100	Statistical characteristics of irreversible predictability time in regional ocean models. Nonlinear Processes in Geophysics, 2005, 12, 129-138.	1.3	5
101	A numerical modeling study on desert oasis self-supporting mechanisms. Journal of Hydrology, 2005, 312, 256-276.	5.4	45
102	Japan/East Sea model predictability. Continental Shelf Research, 2005, 25, 2107-2121.	1.8	5
103	Lagrangian predictability of high-resolution regional models: the special case of the Gulf of Mexico. Nonlinear Processes in Geophysics, 2004, 11, 47-66.	1.3	5
104	ROTATION METHOD FOR RECONSTRUCTING PROCESS AND FIELD FROM IMPERFECT DATA. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 2991-2997.	1.7	16
105	A Terrain-Following Crystal Grid Finite Volume Ocean Circulation Model. Journal of Oceanography, 2004, 60, 945-952.	1.7	0
106	Evaluation of the U.S. Navyâ€™s Modular Ocean Data Assimilation System (MODAS) Using South China Sea Monsoon Experiment (SCSMEX) Data. Journal of Oceanography, 2004, 60, 1007-1021.	1.7	20
107	Multi-fractal thermal characteristics of the southwestern GIN sea upper layer. Chaos, Solitons and Fractals, 2004, 19, 275-284.	5.1	7
108	South China Sea Wind-Wave Characteristics. Part I: Validation of Wavewatch-III Using TOPEX/Poseidon Data. Journal of Atmospheric and Oceanic Technology, 2004, 21, 1718-1733.	1.3	74

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109	Triple Coordinate Transforms for Prediction of Falling Cylinder Through the Water Column. Journal of Applied Mechanics, Transactions ASME, 2004, 71, 292-298.	2.2	22
110	Seasonal Variability of Thermohaline Front in the Central South China Sea. Journal of Oceanography, 2003, 59, 65-78.	1.7	53
111	Determination of the current system on isopycnal surface between Mindanao and New Guinea from GDEM. Chinese Journal of Oceanology and Limnology, 2003, 21, 193-213.	0.7	7
112	Extremely strong thermohaline sources/sinks generated by diagnostic initialization. Geophysical Research Letters, 2003, 30, .	4.0	3
113	Hydrostatic correction for sigma coordinate ocean models. Journal of Geophysical Research, 2003, 108, .	3.3	22
114	Mesoscale eddies in the South China Sea observed with altimeter data. Geophysical Research Letters, 2003, 30, .	4.0	377
115	Analysis of Sparse and Noisy Ocean Current Data Using Flow Decomposition. Part II: Applications to Eulerian and Lagrangian Data. Journal of Atmospheric and Oceanic Technology, 2003, 20, 492-512.	1.3	33
116	Analysis of Sparse and Noisy Ocean Current Data Using Flow Decomposition. Part I: Theory. Journal of Atmospheric and Oceanic Technology, 2003, 20, 478-491.	1.3	38
117	Evidence of a Barrier Layer in the Sulu and Celebes Seas. Journal of Physical Oceanography, 2002, 32, 3299-3309.	1.7	35
118	Simulation of More Realistic Upper-Ocean Processes from an OGCM with a New Ocean Mixed Layer Model. Journal of Physical Oceanography, 2002, 32, 1284-1307.	1.7	51
119	Backward Fokker-Planck equation for determining model valid prediction period. Journal of Geophysical Research, 2002, 107, 11-1.	3.3	4
120	Northwest Pacific subtropical countercurrent on isopycnal surface in summer. Geophysical Research Letters, 2002, 29, 23-1-23-4.	4.0	13
121	Power law decay in model predictability skill. Geophysical Research Letters, 2002, 29, 38-1-38-4.	4.0	13
122	C-vector for identification of oceanic secondary circulations across Arctic Fronts in Fram Strait. Geophysical Research Letters, 2002, 29, 10-1-10-4.	4.0	1
123	Probabilistic Stability of an Atmospheric Model to Various Amplitude Perturbations. Journals of the Atmospheric Sciences, 2002, 59, 2860-2873.	1.7	13
124	Japan Sea Thermohaline Structure and Circulation. Part III: Autocorrelation Functions. Journal of Physical Oceanography, 2002, 32, 3596-3615.	1.7	13
125	Seasonal and intraseasonal thermocline variability in the central south China Sea. Geophysical Research Letters, 2001, 28, 4467-4470.	4.0	55
126	Japan Sea Thermohaline Structure and Circulation. Part I: Climatology. Journal of Physical Oceanography, 2001, 31, 244-271.	1.7	52

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127	Japan Sea Thermohaline Structure and Circulation. Part II: A Variational P-Vector Method. Journal of Physical Oceanography, 2001, 31, 2886-2902.	1.7	27
128	Evaluation of the Princeton Ocean Model Using South China Sea Monsoon Experiment (SCSMEX) Data. Journal of Atmospheric and Oceanic Technology, 2001, 18, 1521-1539.	1.3	16
129	An Accuracy Progressive Sixth-Order Finite-Difference Scheme. Journal of Atmospheric and Oceanic Technology, 2001, 18, 1245-1257.	1.3	8
130	Evaluation of Haney-type surface thermal boundary conditions using a coupled atmosphere and ocean model. Advances in Atmospheric Sciences, 2001, 18, 355-375.	4.3	2
131	Title is missing!. Journal of Oceanography, 2001, 57, 549-563.	1.7	29
132	Determination of Vertical Thermal Structure from Sea Surface Temperature. Journal of Atmospheric and Oceanic Technology, 2000, 17, 971-979.	1.3	60
133	South China Sea Isopycnal-Surface Circulation. Journal of Physical Oceanography, 2000, 30, 2419-2438.	1.7	135
134	A three-point sixth-order staggered combined compact difference scheme. Mathematical and Computer Modelling, 2000, 32, 323-340.	2.0	17
135	P-Vector Spirals and Determination of Absolute Velocities. Journal of Oceanography, 2000, 56, 591-599.	1.7	24
136	Response of the South China Sea to Tropical Cyclone Ernie 1996. Journal of Geophysical Research, 2000, 105, 13991-14009.	3.3	81
137	Dynamical Mechanisms for the South China Sea Seasonal Circulation and Thermohaline Variabilities. Journal of Physical Oceanography, 1999, 29, 2971-2989.	1.7	177
138	Title is missing!. Journal of Oceanography, 1999, 55, 543-558.	1.7	10
139	A Three-Point Sixth-Order Nonuniform Combined Compact Difference Scheme. Journal of Computational Physics, 1999, 148, 663-674.	3.8	51
140	Reply to â€œComment on â€˜A parametric model for the Yellow Sea thermal variabilityâ€™ by P. C. Chu et al.â€• Journal of Geophysical Research, 1999, 104, 18463-18466.	3.3	0
141	A Geometric Model for the Beaufort/Chukchi Sea Thermohaline Structure. Journal of Atmospheric and Oceanic Technology, 1999, 16, 613-632.	1.3	26
142	Two Kinds of Predictability in the Lorenz System. Journals of the Atmospheric Sciences, 1999, 56, 1427-1432.	1.7	37
143	A Three-Point Combined Compact Difference Scheme. Journal of Computational Physics, 1998, 140, 370-399.	3.8	207
144	P-Vector inverse method evaluated using the modular ocean model (MOM). Journal of Oceanography, 1998, 54, 185-198.	1.7	15

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145	Temporal and spatial variabilities of Japan Sea surface temperature and atmospheric forcings. Journal of Oceanography, 1998, 54, 273-284.	1.7	21
146	A thermal oscillation under a restorative forcing. Quarterly Journal of the Royal Meteorological Society, 1998, 124, 793-809.	2.7	2
147	Oceanic responses to gradual transitions of equator-to-pole temperature-gradients. Quarterly Journal of the Royal Meteorological Society, 1998, 124, 2817-2828.	2.7	4
148	Circulation in the ArchipiÃ©lago de ColÃ³n (Galapagos Islands), November, 1993. Deep-Sea Research Part II: Topical Studies in Oceanography, 1998, 45, 1093-1114.	1.4	18
149	An airborne expendable bathythermograph survey of the South China Sea, May 1995. Journal of Geophysical Research, 1998, 103, 21637-21652.	3.3	94
150	On Haney-Type Surface Thermal Boundary Conditions for Ocean Circulation Models. Journal of Physical Oceanography, 1998, 28, 890-901.	1.7	23
151	Determination of Open Boundary Conditions with an Optimization Method. Journal of Atmospheric and Oceanic Technology, 1997, 14, 723-734.	1.3	15
152	Sixth-Order Difference Scheme for Sigma Coordinate Ocean Models. Journal of Physical Oceanography, 1997, 27, 2064-2071.	1.7	56
153	A parametric model for the Yellow Sea thermal variability. Journal of Geophysical Research, 1997, 102, 10499-10507.	3.3	60
154	South China Sea warm pool detected in spring from the Navy's Master Oceanographic Observational Data Set (MOODS). Journal of Geophysical Research, 1997, 102, 15761-15771.	3.3	50
155	Temporal and spatial scales of the Yellow Sea thermal variability. Journal of Geophysical Research, 1997, 102, 5655-5667.	3.3	32
156	South china sea warm pool in boreal spring. Advances in Atmospheric Sciences, 1997, 14, 195-206.	4.3	46
157	Generation of Low-Frequency Unstable Modes in a Coupled Equatorial Troposphere and Ocean Mixed-Layer Model. Journals of the Atmospheric Sciences, 1993, 50, 731-749.	1.7	15
158	On the twoâ€phase thermodynamics of the coupled cloudâ€ocean mixed layer. Journal of Geophysical Research, 1991, 96, 3425-3436.	3.3	19
159	Thermodynamic feedback between clouds and the ocean surface mixed layer. Advances in Atmospheric Sciences, 1990, 7, 1-10.	4.3	7
160	Relationship between thermally forced surface wind and sea surface temperature gradient. Pure and Applied Geophysics, 1989, 130, 31-45.	1.9	8
161	Comment on â€œA coupled dynamicâ€thermodynamic model of an iceâ€ocean system in the marginal ice zoneâ€• by Sirpa HÃkkinen. Journal of Geophysical Research, 1988, 93, 5155-5156.	3.3	7
162	Generation of Unstable Modes of the Iceward-attenuating Swell by Ice Breeze. Journal of Physical Oceanography, 1987, 17, 828-832.	1.7	3

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163	An Ice Breeze Mechanism for an Ice Divergence-Convergence Criterion in the Marginal Ice Zone. Journal of Physical Oceanography, 1987, 17, 1627-1632.	1.7	9
164	An instability theory of ice–air interaction for the migration of the marginal ice zone. Geophysical Journal International, 1986, 86, 863-883.	2.4	6
165	Optimization of the Navyâ€™s three-dimensional mine impact burial prediction simulation model, Impact35, using high-order numerical methods. Journal of Defense Modeling and Simulation, 0, , 154851292110286.	1.7	0