

Jiang Zhu

List of Publications by Year in descending order

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141
papers

4,554
citations

109311

35
h-index

128286

60
g-index

142
all docs

142
docs citations

142
times ranked

4114
citing authors

#	ARTICLE	IF	CITATIONS
1	A new localization implementation scheme for ensemble data assimilation of non-local observations. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 63, 244.	1.7	13
2	The 2020/21 Extremely Cold Winter in China Influenced by the Synergistic Effect of La Niña and Warm Arctic. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 546-552.	4.3	71
3	Climatological seasonal variation of the upper ocean salinity. <i>International Journal of Climatology</i> , 2022, 42, 3477-3498.	3.5	7
4	Another Record: Ocean Warming Continues through 2021 despite La Niña Conditions. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 373-385.	4.3	47
5	The Predictability of Ocean Environments that Contributed to the 2020/21 Extreme Cold Events in China: 2020/21 La Niña and 2020 Arctic Sea Ice Loss. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 658-672.	4.3	17
6	Spatio-temporal Hourly and Daily Ozone Forecasting in China Using a Hybrid Machine Learning Model: Autoencoder and Generative Adversarial Networks. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	3.8	14
7	How Well Do CMIP6 and CMIP5 Models Simulate the Climatological Seasonal Variations in Ocean Salinity?. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1650-1672.	4.3	6
8	Observed Frequent Occurrences of Marine Heatwaves in Most Ocean Regions during the Last Two Decades. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1579-1587.	4.3	7
9	Influence of the Eastern Pacific and Central Pacific Types of ENSO on the South Asian Summer Monsoon. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 12-28.	4.3	9
10	Upper Ocean Temperatures Hit Record High in 2020. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 523-530.	4.3	99
11	A Multivariate Balanced Initial Ensemble Generation Approach for an Atmospheric General Circulation Model. <i>Water (Switzerland)</i> , 2021, 13, 122.	2.7	2
12	A Reasonable Mean Dynamic Topography State on Improving the Ability of Assimilating the Altimetry Observations into a Coupled Climate System Model: An Example With CAS-ESM-C. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016760.	2.6	3
13	A 6-year-long (2013-2018) high-resolution air quality reanalysis dataset in China based on the assimilation of surface observations from CNEMC. <i>Earth System Science Data</i> , 2021, 13, 529-570.	9.9	109
14	Assimilating In Situ and Remote Sensing Observations in a Highly Variable Estuary-Shelf Model. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, 38, 459-479.	1.3	7
15	Evaluation and Bias Correction of the Secondary Inorganic Aerosol Modeling over North China Plain in Autumn and Winter. <i>Atmosphere</i> , 2021, 12, 578.	2.3	4
16	China's EarthLab: Forefront of Earth System Simulation Research. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1611-1620.	4.3	0
17	Comparative Analysis of Two Approaches for Correcting the Systematic Ocean Temperature Bias of CAS-ESM-C. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 925.	2.6	1
18	The Assimilation of Temperature and Salinity Profile Observations for Forecasting the River-Estuary-Shelf Waters. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017043.	2.6	0

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19	Observing system experiments over the Atlantic Ocean with the REMO ocean data assimilation system (RODAS) into HYCOM. <i>Ocean Dynamics</i> , 2020, 70, 115-138.	2.2	12
20	Model sensitivity experiments on data assimilation, downscaling and tides for the representation of the Cape São Tomé Eddies. <i>Ocean Dynamics</i> , 2020, 70, 77-94.	2.2	5
21	Increasing ocean stratification over the past half-century. <i>Nature Climate Change</i> , 2020, 10, 1116-1123.	18.8	229
22	A New Ensemble-Based Approach to Correct the Systematic Ocean Temperature Bias of CAS-ESM to Improve Its Simulation and Data Assimilation Abilities. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016406.	2.6	7
23	Description and Climate Simulation Performance of CAS-ESM Version 2. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002210.	3.8	59
24	Improving PM2.5 Forecasts in China Using an Initial Error Transport Model. <i>Environmental Science & Technology</i> , 2020, 54, 10493-10501.	10.0	2
25	Machine Learning-based Weather Support for the 2022 Winter Olympics. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 927-932.	4.3	17
26	Record-Setting Ocean Warmth Continued in 2019. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 137-142.	4.3	126
27	Ocean-atmosphere coupled Pacific Decadal variability simulated by a climate model. <i>Climate Dynamics</i> , 2020, 54, 4759-4773.	3.8	7
28	Validation and correction of sea surface salinity retrieval from SMAP. <i>Acta Oceanologica Sinica</i> , 2020, 39, 148-158.	1.0	21
29	Improved Estimates of Changes in Upper Ocean Salinity and the Hydrological Cycle. <i>Journal of Climate</i> , 2020, 33, 10357-10381.	3.2	105
30	An Observing System Simulation Experiment to Assess the Potential Impact of a Virtual Mobile Communication Tower-based Observation Network on Weather Forecasting Accuracy in China. Part 1: Weather Stations with a Typical Mobile Tower Height of 40 m. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 617-633.	4.3	1
31	Investigating the Transport Mechanism of PM2.5 Pollution during January 2014 in Wuhan, Central China. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1217-1234.	4.3	31
32	Examining the salinity change in the upper Pacific Ocean during the Argo period. <i>Climate Dynamics</i> , 2019, 53, 6055-6074.	3.8	23
33	Improved Inversion of Monthly Ammonia Emissions in China Based on the Chinese Ammonia Monitoring Network and Ensemble Kalman Filter. <i>Environmental Science & Technology</i> , 2019, 53, 12529-12538.	10.0	72
34	Decadal Modulation of ENSO Spring Persistence Barrier by Thermal Damping Processes in the Observation. <i>Geophysical Research Letters</i> , 2019, 46, 6892-6899.	4.0	14
35	All-Sky Assimilation of the MWHS-2 Observations and Evaluation the Impacts on the Analyses and Forecasts of Binary Typhoons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6359-6378.	3.3	25
36	The Application of the SVD Method to Reduce Coupled Model Biases in Seasonal Predictions of Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 11837-11849.	3.3	12

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37	2018 Continues Record Global Ocean Warming. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 249-252.	4.3	54
38	2017 was the warmest year on record for the global ocean. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 261-263.	4.3	20
39	Assimilation of Feng-Yun-3B satellite microwave humidity sounder data over land. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 268-275.	4.3	8
40	Evaluation of a global eddy-permitting hybrid coordinate ocean model. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 345-351.	1.3	0
41	Performance of Adaptive Unstructured Mesh Modelling in Idealized Advection Cases over Steep Terrains. <i>Atmosphere</i> , 2018, 9, 444.	2.3	4
42	Probabilistic Automatic Outlier Detection for Surface Air Quality Measurements from the China National Environmental Monitoring Network. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1522-1532.	4.3	50
43	Assimilation of Sea Surface Temperature in a Global Hybrid Coordinate Ocean Model. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1291-1304.	4.3	7
44	Improved estimates of ocean heat content from 1960 to 2015. <i>Science Advances</i> , 2017, 3, e1601545.	10.3	460
45	Revisiting the relationship between the South Asian summer monsoon drought and El Niño warming pattern. <i>Atmospheric Science Letters</i> , 2017, 18, 175-182.	1.9	25
46	Preface to the special issue on commemorating the centenary of Duzheng YE's birth. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1035-1035.	4.3	0
47	Analysis of the interannual variations and influencing factors of wind speed anomalies over the Beijing-Tianjin-Hebei region. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 312-318.	1.3	7
48	Evaluation of Oceanic Surface Observation for Reproducing the Upper Ocean Structure in ECHAM5/MPI-OM. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9695-9711.	2.6	8
49	Observed and simulated full-depth ocean heat-content changes for 1970-2005. <i>Ocean Science</i> , 2016, 12, 925-935.	3.4	44
50	Ensemble data assimilation applied to an adaptive mesh ocean model. <i>International Journal for Numerical Methods in Fluids</i> , 2016, 82, 997-1009.	1.6	12
51	Benefits of CMIP5 Multimodel Ensemble in Reconstructing Historical Ocean Subsurface Temperature Variations. <i>Journal of Climate</i> , 2016, 29, 5393-5416.	3.2	77
52	Community-wide changes in intertaxonomic temporal co-occurrence resulting from phenological shifts. <i>Global Change Biology</i> , 2016, 22, 1746-1754.	9.5	26
53	Decadal shifts of East Asian summer monsoon in a climate model free of explicit GHGs and aerosols. <i>Scientific Reports</i> , 2016, 6, 38546.	3.3	28
54	Modulation of Bjerknes feedback on the decadal variations in ENSO predictability. <i>Geophysical Research Letters</i> , 2016, 43, 12,560.	4.0	32

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55	The complementary role of SMOS sea surface salinity observations for estimating global ocean salinity state. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3672-3691.	2.6	14
56	Improved ensemble-mean forecasting of ENSO events by a zero-mean stochastic error model of an intermediate coupled model. <i>Climate Dynamics</i> , 2016, 47, 3901-3915.	3.8	35
57	Evaluation of ocean data assimilation in CAS-ESM-C: Constraining the SST field. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 795-807.	4.3	11
58	A weakly coupled data assimilation system of a coupled physical–biological model for the northeastern South China Sea. <i>Atmospheric and Oceanic Science Letters</i> , 2016, 9, 352-360.	1.3	0
59	Impact of atmospheric and oceanic conditions on the frequency and genesis location of tropical cyclones over the western North Pacific in 2004 and 2010. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 599-613.	4.3	1
60	Estimating adult mortality attributable to PM2.5 exposure in China with assimilated PM2.5 concentrations based on a ground monitoring network. <i>Science of the Total Environment</i> , 2016, 568, 1253-1262.	8.0	251
61	XBT Science: Assessment of Instrumental Biases and Errors. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 924-933.	3.3	72
62	An ocean data assimilation system in the Indian Ocean and west Pacific Ocean. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1460-1472.	4.3	15
63	Distinctive ocean interior changes during the recent warming slowdown. <i>Scientific Reports</i> , 2015, 5, 14346.	3.3	35
64	The cloud–radiative effect when simulating strength asymmetry in two types of E or N events using CMIP5 models. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 4357-4369.	2.6	25
65	The Role of Stochastic Model Error Perturbations in Predicting the 2011/12 Double-Dip $La Niña$. <i>Scientific Online Letters on the Atmosphere</i> , 2015, 11, 65-69.	1.4	7
66	Assessment of FY-3A and FY-3B MWHS Observations. <i>Weather and Forecasting</i> , 2015, 30, 1280-1290.	1.4	28
67	Analysis of the northern South China Sea counter-wind current in winter using a data assimilation model. <i>Ocean Dynamics</i> , 2015, 65, 523-538.	2.2	9
68	An incursion of off-equatorial subsurface cold water and its role in triggering the “double dip” $La Niña$ event of 2011. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 731-742.	4.3	22
69	Influences of the Choice of Climatology on Ocean Heat Content Estimation. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 388-394.	1.3	24
70	Uncertainties of the Ocean Heat Content Estimation Induced by Insufficient Vertical Resolution of Historical Ocean Subsurface Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 1383-1396.	1.3	22
71	Time, Probe Type, and Temperature Variable Bias Corrections to Historical Expendable Bathythermograph Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 1793-1825.	1.3	65
72	Effects of interannual salinity variability on the barrier layer in the western-central equatorial Pacific: A diagnostic analysis from Argo. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 532-542.	4.3	39

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73	The roles of different mechanisms related to the tide-induced fronts in the Yellow Sea in summer. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1079-1089.	4.3	19
74	Assimilating the along-track sea level anomaly into the regional ocean modeling system using the ensemble optimal interpolation. <i>Acta Oceanologica Sinica</i> , 2014, 33, 72-82.	1.0	9
75	Asymmetry of the Bjerknes positive feedback between the two types of El Niño. <i>Geophysical Research Letters</i> , 2014, 41, 7651-7657.	4.0	60
76	Artifacts in variations of ocean heat content induced by the observation system changes. <i>Geophysical Research Letters</i> , 2014, 41, 7276-7283.	4.0	42
77	The error source analysis of oil spill transport modeling: a case study. <i>Acta Oceanologica Sinica</i> , 2013, 32, 41-47.	1.0	8
78	The impact of different vertical diffusion schemes in a three-dimensional oil spill model in the Bohai Sea. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1569-1586.	4.3	12
79	Reduced order modeling based on POD of a parabolized Navier-Stokes equations model II: Trust region POD 4D VAR data assimilation. <i>Computers and Mathematics With Applications</i> , 2013, 65, 380-394.	2.7	46
80	A successful real-time forecast of the 2010-11 La Niña event. <i>Scientific Reports</i> , 2013, 3, .	3.3	55
81	The impact of mean dynamic topography on a sea-level anomaly assimilation in the South China Sea based on an eddy-resolving model. <i>Acta Oceanologica Sinica</i> , 2012, 31, 11-25.	1.0	11
82	Overview of Regional and Coastal Systems. , 2011, , 413-439.		8
83	The 4-D structure of upwelling and Pearl River plume in the northern South China Sea during summer 2008 revealed by a data assimilation model. <i>Ocean Modelling</i> , 2011, 36, 228-241.	2.4	69
84	Effects of Sea Level Data Assimilation by Ensemble Optimal Interpolation and 3D Variational Data Assimilation on the Simulation of Variability in a Tropical Pacific Model. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 1624-1640.	1.3	3
85	Assimilating remote sensing and in situ observations into a coastal model of northern South China Sea using ensemble Kalman filter. <i>Continental Shelf Research</i> , 2011, 31, S24-S36.	1.8	30
86	Evaluation of an ocean data assimilation system for Chinese marginal seas with a focus on the South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 414-426.	0.7	6
87	An optimizing finite difference scheme based on proper orthogonal decomposition for CVD equations. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2011, 27, 78-94.	2.1	29
88	A New Method to Estimate the Systematical Biases of Expendable Bathythermograph. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 244-265.	1.3	14
89	Coupled assimilation for an intermediated coupled ENSO prediction model. <i>Ocean Dynamics</i> , 2010, 60, 1061-1073.	2.2	62
90	A Model-Based Observation-Thinning Scheme for the Assimilation of High-Resolution SST in the Shelf and Coastal Seas around China. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 1044-1058.	1.3	19

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91	Spring predictability barrier of ENSO events from the perspective of an ensemble prediction system. <i>Global and Planetary Change</i> , 2010, 72, 108-117.	3.5	39
92	Ensemble optimal interpolation schemes for assimilating Argo profiles into a hybrid coordinate ocean model. <i>Ocean Modelling</i> , 2010, 33, 283-298.	2.4	73
93	Assimilating Altimetry Data into a HYCOM Model of the Pacific: Ensemble Optimal Interpolation versus Ensemble Kalman Filter. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 753-765.	1.3	17
94	An optimizing reduced PLSMFE formulation for non-stationary convection problems. <i>International Journal for Numerical Methods in Fluids</i> , 2009, 60, 409-436.	1.6	53
95	Toward a global ocean data assimilation system based on ensemble optimum interpolation: altimetry data assimilation experiment. <i>Ocean Dynamics</i> , 2009, 59, 587-602.	2.2	12
96	Ensemble hindcasts of ENSO events over the past 120 years using a large number of ensembles. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 359-372.	4.3	51
97	A dressed Ensemble Kalman Filter using the Hybrid Coordinate Ocean Model in the Pacific. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 1042-1052.	4.3	3
98	Dust storm ensemble forecast experiments in East Asia. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 1053-1070.	4.3	4
99	Performance of four sea surface temperature assimilation schemes in the South China Sea. <i>Continental Shelf Research</i> , 2009, 29, 1489-1501.	1.8	25
100	A comparison between 3DVAR and EnOI techniques for satellite altimetry data assimilation. <i>Ocean Modelling</i> , 2009, 26, 206-216.	2.4	24
101	Assimilating temperature and salinity profile observations using an anisotropic recursive filter in a coastal ocean model. <i>Ocean Modelling</i> , 2009, 30, 75-87.	2.4	30
102	ENSO ensemble prediction: Initial error perturbations vs. model error perturbations. <i>Science Bulletin</i> , 2009, 54, 2516-2523.	1.7	23
103	AN EQUATION-FREE, REDUCED-ORDER MODELING APPROACH TO TROPICAL PACIFIC SIMULATION. , 2009, , 1-16.		4
104	Trends and scales of observed soil moisture variations in China. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 43-58.	4.3	36
105	Climatic features of cloud water distribution and cycle over China. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 437-446.	4.3	8
106	Application of altimetry data assimilation on mesoscale eddies simulation. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 142-151.	0.9	6
107	Initial ensemble generation and validation for ocean data assimilation using HYCOM in the Pacific. <i>Ocean Dynamics</i> , 2008, 58, 81-99.	2.2	19
108	Evaluation of a 3dVAR system for the South China Sea. <i>Progress in Natural Science: Materials International</i> , 2008, 18, 547-554.	4.4	17

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109	Balanced multivariate model errors of an intermediate coupled model for ensemble Kalman filter data assimilation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	30
110	Model bias correction for dust storm forecast using ensemble Kalman filter. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
111	Assessment and inter-comparison of five high-resolution sea surface temperature products in the shelf and coastal seas around China. <i>Continental Shelf Research</i> , 2008, 28, 1286-1293.	1.8	52
112	Correction to "Balanced multivariate model errors of an intermediate coupled model for ensemble Kalman filter data assimilation". <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	16
113	Impact of altimetry data on ENSO ensemble initializations and predictions. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	45
114	Data assimilation of incoherent scatter radar observation into a one-dimensional midlatitude ionospheric model by applying ensemble Kalman filter. <i>Radio Science</i> , 2007, 42, .	1.6	35
115	A reduced-order approach to four-dimensional variational data assimilation using proper orthogonal decomposition. <i>International Journal for Numerical Methods in Fluids</i> , 2007, 53, 1571-1583.	1.6	177
116	An optimizing reduced order FDS for the tropical Pacific Ocean reduced gravity model. <i>International Journal for Numerical Methods in Fluids</i> , 2007, 55, 143-161.	1.6	76
117	An optimal weather condition dependent approach for emission planning in urban areas. <i>Environmental Modelling and Software</i> , 2007, 22, 548-557.	4.5	10
118	Impacts of XBT, TAO, altimetry and ARGO observations on the tropical Pacific Ocean data assimilation. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 383-398.	4.3	16
119	Galerkin-Petrov least squares mixed element method for stationary incompressible magnetohydrodynamics. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2007, 28, 395-404.	3.6	1
120	Discrete formulation of mixed finite element methods for vapor deposition chemical reaction equations. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2007, 28, 665-675.	3.6	0
121	Finite difference scheme based on proper orthogonal decomposition for the nonstationary Navier-Stokes equations. <i>Science in China Series A: Mathematics</i> , 2007, 50, 1186-1196.	0.5	49
122	Ensemble hindcasts of SST anomalies in the tropical Pacific using an intermediate coupled model. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	79
123	Nonlinear Galerkin mixed element methods for stationary incompressible magnetohydrodynamics. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2006, 27, 1697-1707.	3.6	0
124	Improved ENSO forecasts by assimilating sea surface temperature observations into an intermediate coupled model. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 615-624.	4.3	20
125	Nonlinear balance constraints in 3DVAR data assimilation. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 331-336.	0.9	15
126	A three-dimensional variational ocean data assimilation system: Scheme and preliminary results. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 1212-1222.	0.9	28

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127	Relationship between real meridional volume transport and Sverdrup transport in the North Subtropical Pacific. <i>Science Bulletin</i> , 2006, 51, 1757-1760.	1.7	4
128	Adjoint method for the optimum planning of industrial pollutant sources. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1270-1279.	0.9	4
129	A variational iteration method for studying the ENSO mechanism. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 1126-1128.	4.4	27
130	Salinity estimation using the T-S relation in the context of variational data assimilation. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	13
131	Roles of vertical correlations of background error and T-S relations in estimation of temperature and salinity profiles from sea surface dynamic height. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	21
132	The impact of location-dependent correlation scales in ocean data assimilation. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	8
133	The perturbed solution of sea-air oscillator for ENSO model*. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 550-552.	4.4	19
134	A mathematical formulation for optimal control of air pollution. <i>Science in China Series D: Earth Sciences</i> , 2003, 46, 994-1002.	0.9	24
135	Asymptotic behavior of the shock solution for a class of nonlinear equations*. <i>Progress in Natural Science: Materials International</i> , 2003, 13, 768-770.	4.4	55
136	Estimation of air-sea heat flux from ocean measurements: An ill-posed problem. <i>Journal of Geophysical Research</i> , 2002, 107, 23-1.	3.3	9
137	SST data assimilation experiments using an adaptive variational method. <i>Science Bulletin</i> , 2002, 47, 2010.	1.7	7
138	Assimilation of Satellite Altimetry into a Western North Pacific Operational Model. <i>Advances in Atmospheric Sciences</i> , 2001, 18, 767-786.	4.3	10
139	Analysis on observing optimization for the wind-driven circulation by an adjoint approach. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 243-252.	0.9	2
140	Optimal Control of Sedimentation in Navigation Channels. <i>Journal of Hydraulic Engineering</i> , 1999, 125, 750-759.	1.5	11
141	Optimal control problems related to the navigation channel engineering. <i>Science in China Series D: Earth Sciences</i> , 1997, 40, 82-88.	0.9	8