

Che Sun

List of Publications by Year in descending order

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26
papers

362
citations

1163117

8
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric stability of stationary Euler flows. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2020, 114, 317-335.	1.2	0
2	Geometric structure of pseudo-plane quadratic flows. <i>Physics of Fluids</i> , 2017, 29, 036602.	4.0	4
3	Vertical alignment of stagnation points in pseudo-plane ideal flows. <i>AIP Advances</i> , 2017, 7, 095314.	1.3	1
4	Riverine influence on ocean color in the equatorial South China Sea. <i>Continental Shelf Research</i> , 2017, 143, 151-158.	1.8	9
5	High-order exact solutions for pseudo-plane ideal flows. <i>Physics of Fluids</i> , 2016, 28, 083602.	4.0	5
6	Variability of Antarctic Intermediate Water south of Australia and its relationship with frontal waves. <i>Science China Earth Sciences</i> , 2016, 59, 1674-1682.	5.2	2
7	Estimating thermohaline variability of the equatorial Pacific Ocean from satellite altimetry. <i>Science China Earth Sciences</i> , 2016, 59, 2213-2222.	5.2	2
8	Equatorward shift of annual Rossby waves in the Equatorial Pacific Ocean. <i>Chinese Journal of Oceanology and Limnology</i> , 2016, 34, 212-218.	0.7	3
9	Water mass characteristics in the western North Pacific based on a streamfunction projection. <i>Science China Earth Sciences</i> , 2015, 58, 2067-2077.	5.2	4
10	An altimetric transport index for Kuroshio inflow northeast of Taiwan Island. <i>Science China Earth Sciences</i> , 2015, 58, 697-706.	5.2	12
11	Relationship between oceanic heat content and sea surface height on interannual time scale. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 1026-1032.	0.7	3
12	Interannual and interdecadal variability of East Asian monsoon and its relation to oceanic processes: a review. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 905-907.	0.7	2
13	Interdecadal variations of surface winds over China marginal seas. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 908-921.	0.7	6
14	Interannual variations of surface winds over China marginal seas. <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 922-932.	0.7	5
15	A geostrophic empirical mode based on altimetric sea surface height. <i>Science China Earth Sciences</i> , 2012, 55, 1193-1205.	5.2	11
16	Interannual variability of the Antarctic Circumpolar Current strength based on merged altimeter data. <i>Science Bulletin</i> , 2012, 57, 2015-2021.	1.7	6
17	Stream-coordinate structure of oceanic jets based on merged altimeter data. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 1-9.	0.7	9
18	A Baroclinic Laminar State for Rotating Stratified Flows. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2740-2747.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Temperature Phase Tilt in Unstable Baroclinic Waves. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 4520-4522.	1.7	3
20	Equivalent-Barotropic Definition of Tropospheric Mean Temperature. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 3172-3192.	1.7	5
21	A Pulsation Mode in the Antarctic Circumpolar Current South of Australia. <i>Journal of Physical Oceanography</i> , 2002, 32, 1479-1495.	1.7	8
22	Heat flux carried by the Antarctic Circumpolar Current mean flow. <i>Journal of Geophysical Research</i> , 2002, 107, 2-1.	3.3	29
23	A view of ACC fronts in streamfunction space. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 1141-1164.	1.4	9
24	A circumpolar gravest empirical mode for the Southern Ocean hydrography. <i>Journal of Geophysical Research</i> , 2001, 106, 2833-2855.	3.3	85
25	A Two-Dimensional Gravest Empirical Mode Determined from Hydrographic Observations in the Subantarctic Front. <i>Journal of Physical Oceanography</i> , 2001, 31, 2186-2209.	1.7	118
26	The columnar structure in stratified geostrophic flows. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2001, 95, 55-65.	1.2	10