

Chau-Ron Wu

List of Publications by Year in descending order

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63
papers

2,320
citations

186209

28
h-index

214721

47
g-index

64
all docs

64
docs citations

64
times ranked

1539
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the southern annular mode on extreme changes in indian rainfall during the early 1990s. Scientific Reports, 2021, 11, 2798.	1.6	3
2	The Footprint of the 11-Year Solar Cycle in Northeastern Pacific SSTs and Its Influence on the Central Pacific El Niño. Geophysical Research Letters, 2021, 48, e2020GL091369.	1.5	18
3	Phytoplankton and Bacterial Responses to Monsoon-Driven Water Masses Mixing in the Kuroshio Off the East Coast of Taiwan. Frontiers in Marine Science, 2021, 8, .	1.2	9
4	Intrusion of Kuroshio Helps to Diminish Coastal Hypoxia in the Coast of Northern South China Sea. Frontiers in Marine Science, 2020, 7, .	1.2	12
5	Nonstationary El Niño teleconnection on the post-summer upwelling off Vietnam. Scientific Reports, 2020, 10, 13319.	1.6	3
6	An Examination of Circulation Characteristics in the Luzon Strait and the South China Sea Using High-Resolution Regional Atmosphere-Ocean Coupled Models. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016253.	1.0	10
7	An Atlantic-driven rapid circulation change in the North Pacific Ocean during the late 1990s. Scientific Reports, 2019, 9, 14411.	1.6	9
8	Disassociation of the Kuroshio Current with the Pacific Decadal Oscillation Since 1999. Remote Sensing, 2019, 11, 276.	1.8	14
9	East China Sea increasingly gains limiting nutrient P from South China Sea. Scientific Reports, 2019, 9, 5648.	1.6	37
10	Distinct impacts of the 1997-98 and 2015-16 extreme El Niños on Japanese eel larval catch. Scientific Reports, 2019, 9, 1384.	1.6	6
11	Coherent Response of Vietnam and Sumatra-Java Upwellings to Cross-Equatorial Winds. Scientific Reports, 2019, 9, 3650.	1.6	4
12	Impact of the Atlantic Multidecadal Oscillation on the Pacific North Equatorial Current bifurcation. Scientific Reports, 2019, 9, 2162.	1.6	15
13	Coupling Influences of ENSO and PDO on the Inter-Decadal SST Variability of the ACC around the Western South Atlantic. Sustainability, 2019, 11, 4853.	1.6	2
14	Enhanced Warming and Intensification of the Kuroshio Extension, 1999-2013. Remote Sensing, 2019, 11, 101.	1.8	8
15	Discordant multi-decadal trend in the intensity of the Kuroshio along its path during 1993-2013. Scientific Reports, 2018, 8, 14633.	1.6	15
16	Interannual Carbon and Nutrient Fluxes in Southeastern Taiwan Strait. Sustainability, 2018, 10, 372.	1.6	9
17	Multidecadal Changes of Upper-Ocean Thermal Conditions in the Tropical Northwest Pacific Ocean versus South China Sea during 1960-2015. Journal of Climate, 2018, 31, 3999-4016.	1.2	5
18	Leading El Niño SST Oscillations around the Southern South American Continent. Sustainability, 2018, 10, 1783.	1.6	3

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19	Dynamics of upwelling annual cycle in the equatorial Atlantic Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 3737-3743.	1.5	12
20	Circulation and oxygenation of the glacial South China Sea. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 387-398.	1.0	8
21	A combination mode of climate variability responsible for extremely poor recruitment of the Japanese eel (<i>Anguilla japonica</i>). <i>Scientific Reports</i> , 2017, 7, 44469.	1.6	11
22	Intrusion of the Kuroshio into the South and East China Seas. <i>Scientific Reports</i> , 2017, 7, 7895.	1.6	59
23	Dynamics of simulated Atlantic upwelling annual cycle in CMIP5 models. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5774-5785.	1.0	7
24	Sediment-Mass Accumulation Rate and Variability in the East China Sea Detected by GRACE. <i>Remote Sensing</i> , 2016, 8, 777.	1.8	12
25	Warming and weakening trends of the Kuroshio during 1993–2013. <i>Geophysical Research Letters</i> , 2016, 43, 9200-9207.	1.5	40
26	Weakening of the Kuroshio Intrusion Into the South China Sea Under the Global Warming Hiatus. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 5064-5070.	2.3	23
27	Batch-like Arrival Waves of Glass Eels of in Offshore Waters of Taiwan. <i>Zoological Studies</i> , 2016, 55, e36.	0.3	4
28	Activities of 50–80 day subthermocline eddies near the Philippine coast. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3606-3623.	1.0	27
29	The status of coastal oceanography in heavily impacted Yellow and East China Sea: Past trends, progress, and possible futures. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 235-243.	0.9	13
30	Intrusion of the Pearl River plume into the main channel of the Taiwan Strait in summer. <i>Journal of Sea Research</i> , 2015, 95, 1-15.	0.6	60
31	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
32	Seasonal and interannual changes of the Kuroshio intrusion onto the East China Sea Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 5039-5051.	1.0	45
33	Satellite views of the episodic terrestrial material transport to the southern Okinawa Trough driven by typhoon. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4490-4504.	1.0	33
34	Responses of the China Seas to Tropical Cyclone. <i>Advances in Natural and Technological Hazards Research</i> , 2014, , 313-331.	1.1	0
35	Seasonal to interannual variations in the intensity and central position of the surface Kuroshio east of Taiwan. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4305-4316.	1.0	88
36	Contrasting the evolution between two types of El Niño in a data assimilation model. <i>Ocean Dynamics</i> , 2013, 63, 577-587.	0.9	3

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37	Contrasting the Flow Patterns in the Equatorial Pacific Between Two Types of El Niño. Atmosphere - Ocean, 2013, 51, 60-74.	0.6	14
38	Interannual modulation of the Pacific Decadal Oscillation (PDO) on the low-latitude western North Pacific. Progress in Oceanography, 2013, 110, 49-58.	1.5	122
39	Mindanao Current/Undercurrent in an eddy-resolving GCM. Journal of Geophysical Research, 2012, 117, .	3.3	44
40	An updated examination of the Luzon Strait transport. Journal of Geophysical Research, 2012, 117, .	3.3	67
41	The forcing mechanism leading to the Kuroshio intrusion into the South China Sea. Journal of Geophysical Research, 2012, 117, .	3.3	62
42	Variability analysis of Kuroshio intrusion through Luzon Strait using growing hierarchical self-organizing map. Ocean Dynamics, 2012, 62, 1187-1194.	0.9	39
43	Typhoon Kai-Tak: An Ocean's Perfect Storm. Journal of Physical Oceanography, 2011, 41, 221-233.	0.7	99
44	Fluctuations of the thermal fronts off northeastern Taiwan. Journal of Geophysical Research, 2011, 116, .	3.3	23
45	Why does the Kuroshio northeast of Taiwan shift shelfward in winter?. Ocean Dynamics, 2010, 60, 413-426.	0.9	71
46	Intra-seasonal variation of the Kuroshio southeast of Taiwan and its possible forcing mechanism. Ocean Dynamics, 2010, 60, 1293-1306.	0.9	36
47	Why Are There Upwellings on the Northern Shelf of Taiwan under Northeasterly Winds?. Journal of Physical Oceanography, 2010, 40, 1405-1417.	0.7	26
48	Enhanced primary production in the oligotrophic South China Sea by eddy injection in spring. Geophysical Research Letters, 2010, 37, .	1.5	65
49	Blocking and Westward Passage of Eddies in the Luzon Strait. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 1783-1791.	0.6	88
50	Bimodal behavior of the seasonal upwelling off the northeastern coast of Taiwan. Journal of Geophysical Research, 2009, 114, .	3.3	20
51	Interannual mode of sea level in the South China Sea and the roles of El Niño and El Niño Modoki. Geophysical Research Letters, 2008, 35, .	1.5	60
52	Spatial and temporal variations of the Kuroshio east of Taiwan, 1982-2005: A numerical study. Journal of Geophysical Research, 2008, 113, .	3.3	95
53	A numerical study on the formation of upwelling off northeast Taiwan. Journal of Geophysical Research, 2008, 113, .	3.3	67
54	Air-sea interaction between tropical cyclone Nari and Kuroshio. Geophysical Research Letters, 2008, 35, .	1.5	65

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55	Physical and geographical origins of the South China Sea Warm Current. Journal of Geophysical Research, 2008, 113, .	3.3	22
56	Mesoscale eddies in the northern South China Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1575-1588.	0.6	133
57	Transient, seasonal and interannual variability of the Taiwan Strait current. Journal of Oceanography, 2007, 63, 821-833.	0.7	77
58	Intra-seasonal variation in the velocity field of the northeastern South China Sea. Continental Shelf Research, 2005, 25, 2075-2083.	0.9	27
59	Interannual variability of the South China Sea in a data assimilation model. Geophysical Research Letters, 2005, 32, .	1.5	61
60	Volume Transport Through the Taiwan Strait: A Numerical Study. Terrestrial, Atmospheric and Oceanic Sciences, 2005, 16, 377.	0.3	63
61	TOPEX/Poseidon observations of mesoscale eddies over the Subtropical Countercurrent: Kinematic characteristics of an anticyclonic eddy and a cyclonic eddy. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	75
62	Assimilating altimetric data into a South China Sea model. Journal of Geophysical Research, 1999, 104, 29987-30005.	3.3	58
63	Seasonal and interannual variations in the velocity field of the South China Sea. Journal of Oceanography, 1998, 54, 361-372.	0.7	102