

I-I Lin

List of Publications by Year in descending order

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81
papers

6,212
citations

61984

43
h-index

69250

77
g-index

83
all docs

83
docs citations

83
times ranked

6194
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tropics. Bulletin of the American Meteorological Society, 2021, 102, S199-S262.	3.3	1
2	State of the Climate in 2020. Bulletin of the American Meteorological Society, 2021, 102, S1-S475.	3.3	54
3	A Tale of Two Rapidly Intensifying Supertyphoons: Hagibis (2019) and Haiyan (2013). Bulletin of the American Meteorological Society, 2021, 102, E1645-E1664.	3.3	17
4	The Association of Typhoon Intensity Increase with Translation Speed Increase in the South China Sea. Sustainability, 2020, 12, 939.	3.2	11
5	The Tropics. Bulletin of the American Meteorological Society, 2020, 101, S185-S238.	3.3	4
6	Rapid Intensification of Typhoon Hato (2017) over Shallow Water. Sustainability, 2019, 11, 3709.	3.2	27
7	Ocean Observations in Support of Studies and Forecasts of Tropical and Extratropical Cyclones. Frontiers in Marine Science, 2019, 6, .	2.5	31
8	State of the Climate in 2018. Bulletin of the American Meteorological Society, 2019, 100, Si-S306.	3.3	168
9	Influence of the Size of Supertyphoon Megi (2010) on SST Cooling. Monthly Weather Review, 2018, 146, 661-677.	1.4	33
10	Air-sea fluxes for <sc>H</sc>urricane <sc>P</sc>atricia (2015): Comparison with supertyphoon <sc>H</sc>aiyan (2013) and under different <sc>ENSO</sc> conditions. Journal of Geophysical Research: Oceans, 2017, 122, 6076-6089.	2.6	19
11	State of the Climate in 2016. Bulletin of the American Meteorological Society, 2017, 98, Si-S280.	3.3	132
12	Different controls of tropical cyclone activity in the Eastern Pacific for two types of El Niño. Geophysical Research Letters, 2016, 43, 1679-1686.	4.0	15
13	State of the Climate in 2015. Bulletin of the American Meteorological Society, 2016, 97, Si-S275.	3.3	142
14	Tropical cyclone-ocean interaction in Typhoon Megi (2010)â€”A synergy study based on ITOP observations and atmosphere-ocean coupled model simulations. Journal of Geophysical Research D: Atmospheres, 2016, 121, 153-167.	3.3	52
15	Influence of Oceanic Intraseasonal Kelvin Waves on Eastern Pacific Hurricane Activity. Journal of Climate, 2016, 29, 7941-7955.	3.2	11
16	Modes of hurricane activity variability in the eastern Pacific: Implications for the 2016 season. Geophysical Research Letters, 2016, 43, 11,358.	4.0	9
17	Improvements in Typhoon Intensity Change Classification by Incorporating an Ocean Coupling Potential Intensity Index into Decision Trees*,+. Weather and Forecasting, 2016, 31, 95-106.	1.4	28
18	Impacts of Tides and Typhoon Fanapi (2010) on Seas Around Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2016, 27, 261-280.	0.6	9

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19	A Long Neglected Damper in the El Niño-Typhoon Relationship: a "Gaia-Like" Process. Scientific Reports, 2015, 5, 11103.	3.3	17
20	Change in ocean subsurface environment to suppress tropical cyclone intensification under global warming. Nature Communications, 2015, 6, 7188.	12.8	91
21	Changes in local oceanographic and atmospheric conditions shortly after the 2004 Indian Ocean tsunami. Ocean Dynamics, 2015, 65, 905-918.	2.2	3
22	Tropical Cyclone-Induced Ocean Response: A Comparative Study of the South China Sea and Tropical Northwest Pacific*,+. Journal of Climate, 2015, 28, 5952-5968.	3.2	75
23	Jin et al. reply. Nature, 2015, 526, E5-E6.	27.8	6
24	Recent decrease in typhoon destructive potential and global warming implications. Nature Communications, 2015, 6, 7182.	12.8	113
25	State of the Climate in 2014. Bulletin of the American Meteorological Society, 2015, 96, ES1-ES32.	3.3	78
26	Impact of Typhoons on the Ocean in the Pacific. Bulletin of the American Meteorological Society, 2014, 95, 1405-1418.	3.3	129
27	State of the Climate in 2013. Bulletin of the American Meteorological Society, 2014, 95, S1-S279.	3.3	138
28	Eastern Pacific tropical cyclones intensified by El Niño delivery of subsurface ocean heat. Nature, 2014, 516, 82-85.	27.8	115
29	New generation of satellite-derived ocean thermal structure for the western north pacific typhoon intensity forecasting. Progress in Oceanography, 2014, 121, 109-124.	3.2	24
30	Slow translation speed causes rapid collapse of northeast Pacific Hurricane Kenneth over cold core eddy. Geophysical Research Letters, 2014, 41, 7595-7601.	4.0	61
31	Impacts of typhoon megi (2010) on the South China Sea. Journal of Geophysical Research: Oceans, 2014, 119, 4474-4489.	2.6	33
32	"Category 5" super typhoon Haiyan in global warming hiatus: Contribution from subsurface ocean warming. Geophysical Research Letters, 2014, 41, 8547-8553.	4.0	121
33	Ocean heat content for tropical cyclone intensity forecasting and its impact on storm surge. Natural Hazards, 2013, 66, 1481-1500.	3.4	98
34	Correction to "A Neural Network Approach to Estimate Tropical Cyclone Heat Potential in the Indian Ocean" [Nov 12 1114-1117]. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 642-642.	3.1	0
35	State of the Climate in 2012. Bulletin of the American Meteorological Society, 2013, 94, S1-S258.	3.3	129
36	Observations of the cold wake of Typhoon Fanapi (2010). Geophysical Research Letters, 2013, 40, 316-321.	4.0	40

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37	An ocean coupling potential intensity index for tropical cyclones. <i>Geophysical Research Letters</i> , 2013, 40, 1878-1882.	4.0	170
38	Recent increase in high tropical cyclone heat potential area in the Western North Pacific Ocean. <i>Geophysical Research Letters</i> , 2013, 40, 4680-4684.	4.0	61
39	Observations of the cold wake of Typhoon Fanapi (2010). <i>Geophysical Research Letters</i> , 2013, , n/a-n/a.	4.0	2
40	Typhoon-induced phytoplankton blooms and primary productivity increase in the western North Pacific subtropical ocean. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	133
41	State of the Climate in 2011. <i>Bulletin of the American Meteorological Society</i> , 2012, 93, S1-S282.	3.3	121
42	A Neural Network Approach to Estimate Tropical Cyclone Heat Potential in the Indian Ocean. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012, 9, 1114-1117.	3.1	42
43	Fertilization potential of volcanic dust in the low-nutrient low-chlorophyll western North Pacific subtropical gyre: Satellite evidence and laboratory study. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	64
44	Yangtze River floods enhance coastal ocean phytoplankton biomass and potential fish production. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	75
45	Typhoon-Ocean Interaction in the Western North Pacific: Part 1. <i>Oceanography</i> , 2011, 24, 24-31.	1.0	188
46	Typhoon-Ocean Interaction in the Western North Pacific: Part 2. <i>Oceanography</i> , 2011, 24, 32-41.	1.0	51
47	State of the Climate in 2010. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, S1-S236.	3.3	135
48	The Impact of a Warm Ocean Eddy on Typhoon Morakot (2009): A Preliminary Study from Satellite Observations and Numerical Modelling. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2011, 22, 661.	0.6	28
49	Sources, solubility, and dry deposition of aerosol trace elements over the East China Sea. <i>Marine Chemistry</i> , 2010, 120, 116-127.	2.3	240
50	Modeled Oceanic Response and Sea Surface Cooling to Typhoon Kai-Tak. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2010, 21, 85.	0.6	47
51	On the Origin of Atmospheric Frontal Lines off the East Coast of Taiwan Observed on Spaceborne Synthetic Aperture Radar Images. <i>Monthly Weather Review</i> , 2010, 138, 475-496.	1.4	10
52	High wintertime particulate matter pollution over an offshore island (Kinmen) off southeastern China: An overview. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	64
53	Enhanced primary production in the oligotrophic South China Sea by eddy injection in spring. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	65
54	State of the Climate in 2009. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, s1-s222.	3.3	121

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55	Applications of Satellite-Derived Ocean Measurements to Tropical Cyclone Intensity Forecasting. <i>Oceanography</i> , 2009, 22, 190-197.	1.0	136
56	Upper-Ocean Thermal Structure and the Western North Pacific Category 5 Typhoons. Part II: Dependence on Translation Speed. <i>Monthly Weather Review</i> , 2009, 137, 3744-3757.	1.4	163
57	A note on reviving the Goddard Satellite-based Surface Turbulent Fluxes (GSSTF) dataset. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 1071-1080.	4.3	19
58	Aerosol impact on the South China Sea biogeochemistry: An early assessment from remote sensing. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	32
59	Warm ocean anomaly, air sea fluxes, and the rapid intensification of tropical cyclone Nargis (2008). <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	205
60	Upper-Ocean Thermal Structure and the Western North Pacific Category 5 Typhoons. Part I: Ocean Features and the Category 5 Typhoonsâ€™ Intensification. <i>Monthly Weather Review</i> , 2008, 136, 3288-3306.	1.4	276
61	The Effect of the Ocean Eddy on Tropical Cyclone Intensity. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 3562-3578.	1.7	158
62	Atmospheric Fronts along the East Coast of Taiwan Studied by ERS Synthetic Aperture Radar Images. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 922-937.	1.7	17
63	The significance of phytoplankton photo-adaptation and benthicâ€™pelagic coupling to primary production in the South China Sea: Observations and numerical investigations. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1546-1574.	1.4	54
64	Aerosol input to the South China Sea: Results from the MODerate Resolution Imaging Spectro-radiometer, the Quick Scatterometer, and the Measurements of Pollution in the Troposphere Sensor. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1589-1601.	1.4	103
65	Validation and Application of Altimetry-Derived Upper Ocean Thermal Structure in the Western North Pacific Ocean for Typhoon-Intensity Forecast. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 1616-1630.	6.3	64
66	Effects of cold eddy on phytoplankton production and assemblages in Luzon strait bordering the South China Sea. <i>Journal of Oceanography</i> , 2007, 63, 671-683.	1.7	126
67	IN BOX. <i>Bulletin of the American Meteorological Society</i> , 2005, 86, 787-794.	3.3	84
68	The Interaction of Supertyphoon Maemi (2003) with a Warm Ocean Eddy. <i>Monthly Weather Review</i> , 2005, 133, 2635-2649.	1.4	304
69	A unique seasonal pattern in phytoplankton biomass in low-latitude waters in the South China Sea. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	151
70	Satellite observations of modulation of surface winds by typhoon-induced upper ocean cooling. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	125
71	New evidence for enhanced ocean primary production triggered by tropical cyclone. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	392
72	First evidence for the detection of natural surface films by the QuikSCAT scatterometer. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	7

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73	Spectral irradiance profiles of suspended marine clay for the estimation of suspended sediment concentration in tropical waters. <i>International Journal of Remote Sensing</i> , 2003, 24, 3235-3245.	2.9	27
74	Study of the effects of suspended marine clay on the reflectance spectra of phytoplankton. <i>International Journal of Remote Sensing</i> , 2002, 23, 2163-2178.	2.9	12
75	Evidence and quantification of the correlation between radar backscatter and ocean colour supported by simultaneously acquired in situ sea truth. <i>Geophysical Research Letters</i> , 2002, 29, 102-1-102-4.	4.0	24
76	Application of Spectral Signatures and Colour Ratios to Estimate Chlorophyll in Singapore's Coastal Waters. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 55, 719-728.	2.1	20
77	An ERS-1 synthetic aperture radar image of a tropical squall line compared with weather radar data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2001, 39, 937-945.	6.3	25
78	A New Fractal Texture Classification Of Cloud And Ice Cap Surface Features From Landsat Imagery. , 0, , .		0
79	Spatial texture in AirSAR images of the Greenland ice sheet. , 0, , .		0
80	Tropical algal bloom monitoring by sea truth, spectral, and simulated satellite data. , 0, , .		0
81	Atmospheric fronts off the east coast of Taiwan studied by ERS synthetic aperture radar imagery. , 0, , .		1