

Wei-Jen Huang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,587
citations

361296

20
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

3197
citing authors

#	ARTICLE	IF	CITATIONS
1	Intense but variable autotrophic activity in a rapidly flushed shallow water hydrothermal plume (Kueishantao Islet, Taiwan). <i>Geobiology</i> , 2021, 19, 87-101.	1.1	8
2	Hypoxic Effects on the Radiocarbon in DIC of the ECS Subsurface Water. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016979.	1.0	3
3	Seasonal Mixing and Biological Controls of the Carbonate System in a River-Dominated Continental Shelf Subject to Eutrophication and Hypoxia in the Northern Gulf of Mexico. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
4	The effects of low pH on the taste and amino acid composition of tiger shrimp. <i>Scientific Reports</i> , 2021, 11, 21180.	1.6	11
5	Radiocesium in the Taiwan Strait and the Kuroshio east of Taiwan from 2018 to 2019. <i>Scientific Reports</i> , 2021, 11, 22467.	1.6	3
6	A Unique Diel Pattern in Carbonate Chemistry in the Seagrass Meadows of Dongsha Island: The Enhancement of Metabolic Carbonate Dissolution in a Semienclosed Lagoon. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	6
7	Daily to weekly impacts of mixing and biological activity on carbonate dynamics in a large river-dominated shelf. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106914.	0.9	3
8	Contrasting Changes in Diel Variations of Net Community Calcification Support That Carbonate Dissolution Can Be More Sensitive to Ocean Acidification Than Coral Calcification. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	8
9	Wind-driven lateral variations of partial pressure of carbon dioxide in a large estuary. <i>Journal of Marine Systems</i> , 2019, 195, 67-73.	0.9	6
10	Early diagenesis and carbon remineralization in young rift sediment of the Southern Okinawa Trough. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 633-647.	0.3	0
11	Satellite estimation of coastal pCO ₂ and air-sea flux of carbon dioxide in the northern Gulf of Mexico. <i>Remote Sensing of Environment</i> , 2018, 207, 71-83.	4.6	42
12	An Assessment of Direct Dissolved Inorganic Carbon Injection to the Coastal Region: A Model Result. <i>Sustainability</i> , 2018, 10, 1174.	1.6	4
13	Eutrophication-induced acidification of coastal waters in the northern Gulf of Mexico: Insights into origin and processes from a coupled physical-biogeochemical model. <i>Geophysical Research Letters</i> , 2017, 44, 946-956.	1.5	89
14	Effects of eutrophication and benthic respiration on water column carbonate chemistry in a traditional hypoxic zone in the Northern Gulf of Mexico. <i>Marine Chemistry</i> , 2017, 194, 33-42.	0.9	27
15	Effect of calcite precipitation on stable strontium isotopic compositions: Insights from riverine and pool waters in a karst cave. <i>Chemical Geology</i> , 2017, 456, 85-97.	1.4	22
16	Redox reactions and weak buffering capacity lead to acidification in the Chesapeake Bay. <i>Nature Communications</i> , 2017, 8, 369.	5.8	128
17	Modeling CO_2 variability in the Gulf of Mexico. <i>Biogeosciences</i> , 2016, 13, 4359-4377.	1.3	21
18	Century-long increasing trend and variability of dissolved organic carbon export from the Mississippi River basin driven by natural and anthropogenic forcing. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1288-1299.	1.9	53

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19	Air-water fluxes and sources of carbon dioxide in the Delaware Estuary: spatial and seasonal variability. <i>Biogeosciences</i> , 2015, 12, 6085-6101.	1.3	67
20	Temporal variation and stoichiometric ratios of organic matter remineralization in bottom waters of the northern Gulf of Mexico during late spring and summer. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8304-8326.	1.0	15
21	The carbon dioxide system on the Mississippi River-dominated continental shelf in the northern Gulf of Mexico: 1. Distribution and air-sea CO ₂ flux. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1429-1445.	1.0	72
22	Ocean acidification along the Gulf Coast and East Coast of the USA. <i>Continental Shelf Research</i> , 2015, 98, 54-71.	0.9	96
23	The response of inorganic carbon distributions and dynamics to upwelling-favorable winds on the northern Gulf of Mexico during summer. <i>Continental Shelf Research</i> , 2015, 111, 211-222.	0.9	29
24	An update to the Surface Ocean CO ₂ Atlas (SOCAT version 2). <i>Earth System Science Data</i> , 2014, 6, 69-90.	3.7	158
25	The marine inorganic carbon system along the Gulf of Mexico and Atlantic coasts of the United States: Insights from a transregional coastal carbon study. <i>Limnology and Oceanography</i> , 2013, 58, 325-342.	1.6	141
26	Effects of a wind-driven cross-shelf large river plume on biological production and CO ₂ uptake on the Gulf of Mexico during spring. <i>Limnology and Oceanography</i> , 2013, 58, 1727-1735.	1.6	41
27	Assessment of sample storage techniques for total alkalinity and dissolved inorganic carbon in seawater. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 711-717.	1.0	97
28	Carbon dynamics and community production in the Mississippi River plume. <i>Limnology and Oceanography</i> , 2012, 57, 1-17.	1.6	94
29	The stoichiometry of inorganic carbon and nutrient removal in the Mississippi River plume and adjacent continental shelf. <i>Biogeosciences</i> , 2012, 9, 2781-2792.	1.3	31
30	Acidification of subsurface coastal waters enhanced by eutrophication. <i>Nature Geoscience</i> , 2011, 4, 766-770.	5.4	928
31	Alkalinity distribution in the western North Atlantic Ocean margins. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	155
32	Decrease in the CO ₂ Uptake Capacity in an Ice-Free Arctic Ocean Basin. <i>Science</i> , 2010, 329, 556-559.	6.0	218