Chih-Lin Wei

List of Publications by Year
in descending order

43	2,207	361413 20	276875 41
papers	citations	h-index	g-index

44	44	44	3024
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characteristics and renewal of zooplankton communities under extreme environmental stresses in the oligotrophic hypersaline Arabian Gulf. Progress in Oceanography, 2022, 201, 102643.	3.2	5
2	Benthic ostracod diversity and biogeography in an urbanized seascape. Marine Micropaleontology, 2022, 174, 102067.	1.2	4
3	Diversity and Zonation of Benthic Amphipod Crustaceans Affected by the Mississippi Submarine Canyon in the Northern Gulf of Mexico. Frontiers in Marine Science, 2022, 9, .	2.5	1
4	Environmental Heterogeneity Throughout the Clarion-Clipperton Zone and the Potential Representativity of the APEI Network. Frontiers in Marine Science, 2021, 8, .	2.5	26
5	Ecosystem turnover in an urbanized subtropical seascape driven by climate and pollution. Anthropocene, 2021, 36, 100304.	3.3	10
6	The BenBioDen database, a global database for meio-, macro- and megabenthic biomass and densities. Scientific Data, 2020, 7, 206.	5.3	18
7	Species and Functional Diversity of Deep-Sea Nematodes in a High Energy Submarine Canyon. Frontiers in Marine Science, 2020, 7, .	2.5	7
8	Past and future decline of tropical pelagic biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12891-12896.	7.1	67
9	Climate change considerations are fundamental to management of deepâ€sea resource extraction. Global Change Biology, 2020, 26, 4664-4678.	9.5	65
10	Climateâ€induced changes in the suitable habitat of coldâ€water corals and commercially important deepâ€sea fishes in the North Atlantic. Global Change Biology, 2020, 26, 2181-2202.	9.5	109
11	Seafloor biodiversity of Canada's three oceans: Patterns, hotspots and potential drivers. Diversity and Distributions, 2020, 26, 226-241.	4.1	13
12	Marine latitudinal diversity gradients, niche conservatism and out of the tropics and Arctic: Climatic sensitivity of small organisms. Journal of Biogeography, 2020, 47, 817-828.	3.0	16
13	Macrofauna bivalve diversity from the deep northern Gulf of Mexico. Ecological Research, 2020, 35, 343-361.	1.5	10
14	Quantifying sample completeness and comparing diversities among assemblages. Ecological Research, 2020, 35, 292-314.	1.5	141
15	Influence of Water Masses on the Biodiversity and Biogeography of Deep-Sea Benthic Ecosystems in the North Atlantic. Frontiers in Marine Science, 2020, 7, .	2.5	43
16	Dissolved oxygen and temperature best predict deep-sea fish community structure in the Gulf of California with climate change implications. Marine Ecology - Progress Series, 2020, 637, 159-180.	1.9	13
17	Time Machine Biology: Cross-Timescale Integration of Ecology, Evolution, and Oceanography. Oceanography, 2020, 33, .	1.0	28
18	Benthic community history in the Changjiang (Yangtze River) mega-delta: Damming, urbanization, and environmental control. Paleobiology, 2019, 45, 469-483.	2.0	8

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19	The SCOC database, a large, open, and global database with sediment community oxygen consumption rates. Scientific Data, 2019, 6, 242.	5.3	13
20	North Atlantic Gateway: Test bed of deepâ€sea macroecological patterns. Journal of Biogeography, 2019, 46, 2056-2066.	3.0	22
21	Productivity controls macrofauna diversity in the deep northern Gulf of Mexico. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 143, 17-27.	1.4	16
22	Dongshaea marina gen. nov., sp. nov., a facultatively anaerobic marine bacterium that ferments glucose with gas production. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3318-3325.	1.7	9
23	Early diagenesis and carbon remineralization in young rift sediment of the Southern Okinawa Trough. Terrestrial, Atmospheric and Oceanic Sciences, 2019, 30, 633-647.	0.6	0
24	Global Carbon Cycling on a Heterogeneous Seafloor. Trends in Ecology and Evolution, 2018, 33, 96-105.	8.7	117
25	Steep redox gradient and biogeochemical cycling driven by deeply sourced fluids and gases in a terrestrial mud volcano. FEMS Microbiology Ecology, 2018, 94, .	2.7	13
26	Internal tides affect benthic community structure in an energetic submarine canyon off SW Taiwan. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 125, 147-160.	1.4	15
27	Nestedness and species replacement along bathymetric gradients in the deep sea reflect productivity: a test with polychaete assemblages in the oligotrophic northâ€west Gulf of Mexico. Journal of Biogeography, 2017, 44, 548-555.	3.0	23
28	Major impacts of climate change on deep-sea benthic ecosystems. Elementa, 2017, 5, .	3.2	252
29	Biodiversityâ€“ecosystem functioning relationships in long-term time series and palaeoecological records: deep sea as a test bed. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150282.	4.0	35
30	Macrobenthos in the central Arabian Gulf: a reflection of climate extremes and variability. Hydrobiologia, 2016, 770, 53-72.	2.0	11
31	The dynamics of the coastal food webs in the Central Arabian Sea. Qscience Proceedings, 2015, 2015, 2.	0.0	0
32	Global reductions in seafloor biomass in response to climate change. Global Change Biology, 2014, 20, 1861-1872.	9.5	155
33	Complex depth-related patterns in taxonomic and functional diversity of polychaetes in the Gulf of Mexico. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 80, 66-77.	1.4	26
34	Phytoplankton along the coastal shelf of an oligotrophic hypersaline environment in a semi-enclosed marginal sea: Qatar (Arabian Gulf). Continental Shelf Research, 2013, 60, 1-16.	1.8	41
35	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	5.6	194
36	Standing stocks and body size of deep-sea macrofauna: Predicting the baseline of 2010 Deepwater Horizon oil spill in the northern Gulf of Mexico. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 69, 82-99.	1.4	31

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37	Exploring the role of environmental variables in shaping patterns of seabed biodiversity composition in regionalâ€scale ecosystems. Journal of Applied Ecology, 2012, 49, 670-679.	4.0	96
38	Anthropogenic â€œLitterâ€•and macrophyte detritus in the deep Northern Gulf of Mexico. Marine Pollution Bulletin, 2012, 64, 966-973.	5.0	63
39	Long-Term Observations of Epibenthic Fish Zonation in the Deep Northern Gulf of Mexico. PLoS ONE, 2012, 7, e46707.	2.5	10
40	Global Patterns and Predictions of Seafloor Biomass Using Random Forests. PLoS ONE, 2010, 5, e15323.	2.5	287
41	Bathymetric zonation of deep-sea macrofauna in relation to export of surface phytoplankton production. Marine Ecology - Progress Series, 2010, 399, 1-14.	1.9	116
42	Faunal zonation of large epibenthic invertebrates off North Carolina revisited. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 1830-1833.	1.4	8
43	Comparative biomass structure and estimated carbon flow in food webs in the deep Gulf of Mexico. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2699-2711.	1.4	70