

# Zi-Min Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3024077/publications.pdf>

Version: 2024-02-01

48  
papers

900  
citations

471509

17  
h-index

526287

27  
g-index

50  
all docs

50  
docs citations

50  
times ranked

697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low genetic diversity in the endangered marine alga <i>Silvetia siliquosa</i> (Ochrophyta: Fucaceae) and the implication to conservation. <i>Journal of Oceanology and Limnology</i> , 2022, 40, 216-225.	1.3	4
2	Predicting macroalgal species distributions along the Thai-Malay Peninsula. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 267, 107760.	2.1	4
3	Detecting no natural hybridization and predicting range overlap in <i>Saccharina angustata</i> and <i>Saccharina japonica</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 693-702.	2.8	3
4	Kelp aquaculture in China: a retrospective and future prospects. <i>Reviews in Aquaculture</i> , 2021, 13, 1324-1351.	9.0	60
5	Priming of Marine Macrophytes for Enhanced Restoration Success and Food Security in Future Oceans. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	21
6	Climate-induced range shifts shaped the present and threaten the future genetic variability of a marine brown alga in the Northwest Pacific. <i>Evolutionary Applications</i> , 2021, 14, 1867-1879.	3.1	12
7	Intraspecific genetic variation matters when predicting seagrass distribution under climate change. <i>Molecular Ecology</i> , 2021, 30, 3840-3855.	3.9	30
8	A concise review of the brown seaweed <i>Sargassum thunbergii</i> – a knowledge base to inform large-scale cultivation efforts. <i>Journal of Applied Phycology</i> , 2021, 33, 3469-3482.	2.8	6
9	Adaptation of Temperate Seagrass to Arctic Light Relies on Seasonal Acclimatization of Carbon Capture and Metabolism. <i>Frontiers in Plant Science</i> , 2021, 12, 745855.	3.6	6
10	Linking Ecology to Genetics to Better Understand Adaptation and Evolution: A Review in Marine Macrophytes. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	14
11	MtDNA-Based Phylogeography of the Red Alga <i>Agarophyton vermiculophyllum</i> (Gigartinales). <i>Trends in Ecology &amp; Evolution</i> , 2020, 35, 1073-1081.	2.5	11
12	Phylogeographic diversification and postglacial range dynamics shed light on the conservation of the kelp <i>Saccharina japonica</i> . <i>Evolutionary Applications</i> , 2019, 12, 791-803.	3.1	22
13	PI signal transduction and ubiquitination respond to dehydration stress in the red seaweed <i>Gloiopeltis furcata</i> under successive tidal cycles. <i>BMC Plant Biology</i> , 2019, 19, 516.	3.6	10
14	Species diversity and distribution of the genus <i>Colpomenia</i> (Scytosiphonaceae, Phaeophyceae) along the coast of China. <i>Algae</i> , 2019, 34, 217-228.	2.3	7
15	AFLP analysis revealed a north to south genetic break in the brown alga <i>Sargassum thunbergii</i> along the coast of China. <i>Journal of Applied Phycology</i> , 2018, 30, 2697-2705.	2.8	10
16	A late Pleistocene marine glacial refugium in the south-west of Hainan Island, China: Phylogeographical insights from the brown alga <i>Sargassum polycystum</i> . <i>Journal of Biogeography</i> , 2018, 45, 355-366.	3.0	20
17	A unique genetic lineage at the southern coast of China in the agar-producing <i>Gracilaria vermiculophylla</i> (Gracilariales, Florideophyceae). <i>Algae</i> , 2018, 33, 269-278.	2.3	8
18	Hidden diversity and phylogeographic history provide conservation insights for the edible seaweed <i>Sargassum fusiforme</i> in the Northwest Pacific. <i>Evolutionary Applications</i> , 2017, 10, 366-378.	3.1	51

#	ARTICLE	IF	CITATIONS
19	Molecular analysis of <i>Sargassum</i> from the northern China seas. <i>Phytotaxa</i> , 2017, 319, 71.	0.3	11
20	Oceanic currents drove population genetic connectivity of the brown alga <i>Sargassum thunbergii</i> in the north-west Pacific. <i>Journal of Biogeography</i> , 2017, 44, 230-242.	3.0	47
21	Historical isolation and contemporary gene flow drive population diversity of the brown alga <i>Sargassum thunbergii</i> along the coast of China. <i>BMC Evolutionary Biology</i> , 2017, 17, 246.	3.2	22
22	Growth, reproduction and recruitment of <i>Silvetia siliquosa</i> (Fucales, Phaeophyceae) transplants using polyethylene rope and natural rock methods. <i>Algae</i> , 2017, 32, 337-347.	2.3	5
23	Coastal upwelling areas as safe havens during climate warming. <i>Journal of Biogeography</i> , 2016, 43, 2513-2514.	3.0	8
24	Seaweed Phylogeography from 1994 to 2014: An Overview. , 2016, , 3-22.		17
25	Survival in Glacial Refugia Versus Postglacial Dispersal in the North Atlantic: The Cases of Red Seaweeds. , 2016, , 309-330.		10
26	Phylogeographic surveys and apomictic genetic connectivity in the North Atlantic red seaweed <i>Mastocarpus stellatus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 463-472.	2.7	8
27	Genetic diversity of the habitat-forming red alga <i>Gracilaria vermiculophylla</i> along Chinese coasts. <i>Biodiversity Science</i> , 2016, 24, 781-790.	0.6	8
28	Phylogeographic structure and deep lineage diversification of the red alga <i>Chondrus ocellatus</i> Holmes in the Northwest Pacific. <i>Molecular Ecology</i> , 2015, 24, 5020-5033.	3.9	36
29	Phylogeographic data revealed shallow genetic structure in the kelp <i>Saccharina japonica</i> (Laminariales, Phaeophyta). <i>BMC Evolutionary Biology</i> , 2015, 15, 237.	3.2	24
30	Genetic data from the red alga <i>Palmaria palmata</i> reveal a mid-Pleistocene deep genetic split in the North Atlantic. <i>Journal of Biogeography</i> , 2015, 42, 902-913.	3.0	23
31	How to rectify the misuse of scientific names in bioscience?. <i>Science Bulletin</i> , 2014, 59, 1479-1481.	1.7	2
32	Adaptation mechanisms and ecological consequences of seaweed invasions: a review case of agarophyte <i>Gracilaria vermiculophylla</i> . <i>Biological Invasions</i> , 2014, 16, 967-976.	2.4	39
33	Intertidal population genetic dynamics at a microgeographic seascape scale. <i>Molecular Ecology</i> , 2013, 22, 3191-3194.	3.9	3
34	Insufficient geographical sampling could severely influence phylogeographic interpretations. <i>Marine Biology</i> , 2013, 160, 1521-1522.	1.5	6
35	Asymmetric genetic exchange in the brown seaweed <i>Sargassum fusiforme</i> (Phaeophyceae) driven by oceanic currents. <i>Marine Biology</i> , 2013, 160, 1407-1414.	1.5	42
36	Phylogeographic heterogeneity of the brown macroalga <i>Sargassum horneri</i> (Fucaceae) in the northwestern Pacific in relation to late Pleistocene glaciation and tectonic configurations. <i>Molecular Ecology</i> , 2011, 20, 3894-3909.	3.9	110

#	ARTICLE	IF	CITATIONS
37	Post-Pleistocene demographic history of the North Atlantic endemic Irish moss <i>Chondrus crispus</i> : glacial survival, spatial expansion and gene flow. <i>Journal of Evolutionary Biology</i> , 2011, 24, 505-517.	1.7	15
38	Identification of SCAR marker linking to longer frond length of <i>Saccharina japonica</i> (Laminariales). <i>Trends in Plant Science</i> , 2007, 12, 10-15.	2.8	12
39	rDNA internal transcribed spacer revealed molecular diversity in strains of red seaweed <i>Porphyra yezoensis</i> and genetic insights for commercial breeding. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 791-799.	1.6	10
40	PHYLOGEOGRAPHIC PATTERNS INDICATE TRANSATLANTIC MIGRATION FROM EUROPE TO NORTH AMERICA IN THE RED SEAWEED <i>CHONDRUS CRISPUS</i> (GIGARTINALES, RHODOPHYTA) 1. <i>Journal of Phycology</i> , 2010, 46, 889-900.	2.3	20
41	Using the ribosomal internal transcribed spacer (ITS) as a complement marker for species identification of red macroalgae. <i>Hydrobiologia</i> , 2009, 635, 279-287.	2.0	18
42	Inter-simple sequence repeat (ISSR) analysis of genetic variation of <i>Chondrus crispus</i> populations from North Atlantic. <i>Aquatic Botany</i> , 2008, 88, 154-159.	1.6	42
43	Delineation of <i>Chondrus</i> (Gigartinales, Florideophyceae) in China and the origin of <i>C. crispus</i> inferred from molecular data. <i>Marine Biology Research</i> , 2007, 3, 145-154.	0.7	10
44	Molecular identification of Chinese cultivated <i>Porphyra</i> (Bangiaceae, Rhodophyta) based on the rDNA internal transcribed spacer-1 sequence and random amplified polymorphic DNA markers. <i>Marine Biology Research</i> , 2007, 3, 20-28.	0.7	7
45	Primary species recognition and phylogeny of <i>Chondrus</i> (Gigartinales, Rhodophyta) using 18S rDNA sequence data. <i>Chinese Journal of Oceanology and Limnology</i> , 2007, 25, 174-183.	0.7	0
46	Phylogeography of the Northern Atlantic species <i>Chondrus crispus</i> (Gigartinales, Rhodophyta) inferred from nuclear rDNA internal transcribed spacer sequences. <i>Hydrobiologia</i> , 2007, 575, 315-327.	2.0	11
47	Identification and Assessing the Cultivars of <i>Laminaria Lamx.</i> (Phaeophyceae) with Molecular Markers. <i>Journal of Integrative Plant Biology</i> , 2005, 47, 283-291.	8.5	6
48	An efficient method for DNA isolation from red algae. <i>Journal of Applied Phycology</i> , 2004, 16, 161-166.	2.8	29