

Hongsheng Bi

List of Publications by Year in descending order

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43
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#	ARTICLE	IF	CITATIONS
1	Biological Response of Planktic Foraminifera to Decline in Seawater pH. <i>Biology</i> , 2022, 11, 98.	1.3	1
2	Sea Surface Salinity Variability in the Bering Sea in 2015–2020. <i>Remote Sensing</i> , 2022, 14, 758.	1.8	6
3	Image Recognition Based on Compressive Imaging and Optimal Feature Selection. <i>IEEE Photonics Journal</i> , 2022, 14, 1-12.	1.0	1
4	A two-stage adaptive thresholding segmentation for noisy low-contrast images. <i>Ecological Informatics</i> , 2022, 69, 101632.	2.3	8
5	Cohort analysis of <i>Euphausia pacifica</i> from the Northeast Pacific population using a Gaussian mixture model. <i>Progress in Oceanography</i> , 2021, 191, 102495.	1.5	7
6	The Influence of a Deep-Water Intrusion on the Distribution of <i>Chrysaora melanaster</i> in the Southeastern Bering Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016867.	1.0	1
7	Dynamic Downscaling Segmentation for Noisy, Low-Contrast in Situ Underwater Plankton Images. <i>IEEE Access</i> , 2020, 8, 111012-111026.	2.6	8
8	Adaptive feeding in the American oyster <i>Crassostrea virginica</i> : Complex impacts of pulsatile flow during pseudofecal ejection events. <i>Limnology and Oceanography</i> , 2020, 65, 2010-2023.	1.6	5
9	Multi-scale spatial dynamics of the Chesapeake Bay nettle, <i>Chrysaora chesapeakei</i> . <i>Ecosphere</i> , 2020, 11, e03128.	1.0	7
10	Sonar imaging surveys fill data gaps in forage fish populations in shallow estuarine tributaries. <i>Fisheries Research</i> , 2020, 226, 105520.	0.9	16
11	Predominant factors of disaster caused by tropical cyclones in South China coast and implications for early warning systems. <i>Science of the Total Environment</i> , 2020, 726, 138556.	3.9	13
12	Early warning of <i>Noctiluca scintillans</i> blooms using in-situ plankton imaging system: An example from Dapeng Bay, P.R. China. <i>Ecological Indicators</i> , 2020, 112, 106123.	2.6	21
13	Biomass and estimated production, and feeding pressure on zooplankton of chaetognaths in the Yellow Sea, China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2020, 31, 61-75.	0.3	2
14	Enhanced convolutional neural network for plankton identification and enumeration. <i>PLoS ONE</i> , 2019, 14, e0219570.	1.1	42
15	Spatio-temporal variability of phytoplankton assemblages and its controlling factors in spring and summer in the Subei Shoal of Yellow Sea, China. <i>Acta Oceanologica Sinica</i> , 2019, 38, 84-92.	0.4	6
16	A field scale evaluation of <i>Gracilaria lemaneiformis</i> co-cultured with <i>Crassostrea gigas</i> as a nutrient bioextraction strategy in Yantian Bay, China. <i>Algal Research</i> , 2019, 38, 101407.	2.4	9
17	Growth and nutrient uptake of <i>Gracilaria lemaneiformis</i> under different nutrient conditions with implications for ecosystem services: A case study in the laboratory and in an enclosed mariculture area in the East China Sea. <i>Aquatic Botany</i> , 2019, 153, 73-80.	0.8	15
18	Interannual sea level variability in the Pearl River Estuary and its response to El Niño–Southern Oscillation. <i>Global and Planetary Change</i> , 2018, 162, 163-174.	1.6	14

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19	Nutrient bioextraction and microalgae growth inhibition using submerged macrophyte <i>Myriophyllum spicatum</i> in a low salinity area of East China Sea. <i>Marine Pollution Bulletin</i> , 2018, 127, 67-72.	2.3	17
20	Distribution and controlling factors of phytoplankton assemblages associated with mariculture in an eutrophic enclosed bay in the East China Sea. <i>Acta Oceanologica Sinica</i> , 2018, 37, 102-112.	0.4	11
21	Settlement and survival of <i>Chrysaora chesapeakei</i> polyps: implications for adult abundance. <i>Marine Ecology - Progress Series</i> , 2018, 601, 139-151.	0.9	5
22	Detecting a nearshore fish parade using the adaptive resolution imaging sonar (ARIS): An automated procedure for data analysis. <i>Fisheries Research</i> , 2017, 191, 190-199.	0.9	33
23	Spawning locations and larval dispersal of Atlantic Menhaden during 1977-2013. <i>ICES Journal of Marine Science</i> , 2017, 74, 1574-1586.	1.2	5
24	Potential Applications of Low Altitude Remote Sensing for Monitoring Jellyfish. <i>Korean Journal of Remote Sensing</i> , 2017, 33, 15-24.	0.4	2
25	Human impacts and changes in the coastal waters of south China. <i>Science of the Total Environment</i> , 2016, 562, 108-114.	3.9	21
26	Trends in Relative Abundance and Early Life Survival of Atlantic Menhaden during 1977-2013 from Long-Term Ichthyoplankton Programs. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 1139-1151.	0.6	13
27	Physical processes leading to the development of an anomalously large <i>Cochlodinium polykrikoides</i> bloom in the East sea/Japan sea. <i>Harmful Algae</i> , 2016, 55, 250-258.	2.2	21
28	A Semi-Automated Image Analysis Procedure for In Situ Plankton Imaging Systems. <i>PLoS ONE</i> , 2015, 10, e0127121.	1.1	51
29	Responses of benthic foraminifera to the 2011 oil spill in the Bohai Sea, PR China. <i>Marine Pollution Bulletin</i> , 2015, 96, 245-260.	2.3	41
30	Large-scale forcing of environmental conditions on subarctic copepods in the northern California Current system. <i>Progress in Oceanography</i> , 2015, 134, 404-412.	1.5	21
31	Interannual summer variability in euphausiid populations on the eastern Bering Sea shelf during the recent cooling event (2008-2010). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 95, 12-19.	0.6	6
32	Decadal Changes in Zooplankton of the Northeast U.S. Continental Shelf. <i>PLoS ONE</i> , 2014, 9, e87720.	1.1	15
33	Deployment of an imaging system to investigate fine-scale spatial distribution of early life stages of the ctenophore <i>Mnemiopsis leidyi</i> in Chesapeake Bay. <i>Journal of Plankton Research</i> , 2013, 35, 270-280.	0.8	35
34	A comparative analysis of coastal and shelf-slope copepod communities in the northern California Current system: Synchronized response to large-scale forcing?. <i>Limnology and Oceanography</i> , 2012, 57, 1467-1478.	1.6	5
35	Spatial variations in the distribution of yearling spring Chinook salmon off Washington and Oregon using COZIGAM analysis. <i>Marine Ecology - Progress Series</i> , 2012, 465, 253-265.	0.9	14
36	Transport and coastal zooplankton communities in the northern California Current system. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	56

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37	N/P ratio of nutrient uptake in the Baltic Sea. <i>Ocean Science</i> , 2011, 7, 693-704.	1.3	13
38	Copepods and salmon: characterizing the spatial distribution of juvenile salmon along the Washington and Oregon coast, USA. <i>Fisheries Oceanography</i> , 2011, 20, 125-138.	0.9	44
39	Estimated development times for stage-structured marine organisms are biased if based only on survivors. <i>Journal of Plankton Research</i> , 2011, 33, 751-762.	0.8	7
40	Estimating copepod stage-specific mortality rates in open ocean waters: a case study from the northern Gulf of Mexico, USA. <i>Marine Ecology - Progress Series</i> , 2011, 427, 145-159.	0.9	14
41	Spatial distribution of ocean habitat of yearling Chinook (<i>Oncorhynchus tshawytscha</i>) and coho (<i>Oncorhynchus kisutch</i>) salmon off Washington and Oregon, USA. <i>Fisheries Oceanography</i> , 2008, 17, 463-476.	0.9	23
42	Modeling the pelagic habitat of salmon off the Pacific Northwest (USA) coast using logistic regression. <i>Marine Ecology - Progress Series</i> , 2007, 336, 249-265.	0.9	35
43	Egg production rates and stage-specific development times of <i>Clausocalanus furcatus</i> (Copepoda,). <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.8	11