

Meibing Jin

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

801
citations

623734

14
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

1214
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea ice phenology and timing of primary production pulses in the Arctic Ocean. <i>Global Change Biology</i> , 2013, 19, 734-741.	9.5	146
2	What controls primary production in the Arctic Ocean? Results from an intercomparison of five general circulation models with biogeochemistry. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	117
3	Controls of the landfast iceâ€œocean ecosystem offshore Barrow, Alaska. <i>Annals of Glaciology</i> , 2006, 44, 63-72.	1.4	67
4	Investigation of Arctic sea ice and ocean primary production for the period 1992â€œ2007 using a 3-D global iceâ€œocean ecosystem model. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2012, 81-84, 28-35.	1.4	65
5	Largeâ€œscale modeling of primary production and ice algal biomass within arctic sea ice in 1992. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	59
6	Ice-associated phytoplankton blooms in the southeastern Bering Sea. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	47
7	Sea-ice loss amplifies summertime decadal CO2 increase in the western Arctic Ocean. <i>Nature Climate Change</i> , 2020, 10, 678-684.	18.8	40
8	Net primary productivity estimates and environmental variables in the Arctic Ocean: An assessment of coupled physical-biogeochemical models. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 8635-8669.	2.6	34
9	Ecosystem model intercomparison of underâ€œice and total primary production in the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 934-948.	2.6	31
10	Response of lower trophic level production to longâ€œterm climate change in the southeastern Bering Sea. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	20
11	Freshening leads to a three-decade trend of declining nutrients in the western Arctic Ocean. <i>Environmental Research Letters</i> , 2021, 16, 054047.	5.2	19
12	Hidden Production: On the Importance of Pelagic Phytoplankton Blooms Beneath Arctic Sea Ice. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016211.	2.6	18
13	Ocean mixing with lead-dependent subgrid scale brine rejection parameterization in a climate model. <i>Journal of Ocean University of China</i> , 2012, 11, 473-480.	1.2	17
14	Multiâ€œModel Intercomparison of the Panâ€œArctic Iceâ€œAlgal Productivity on Seasonal, Interannual, and Decadal Timescales. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9053-9084.	2.6	17
15	Vertical mixing effects on the phytoplankton bloom in the southeastern Bering Sea midshelf. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	16
16	Effects of Model Resolution and Ocean Mixing on Forced Iceâ€œOcean Physical and Biogeochemical Simulations Using Global and Regional System Models. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 358-377.	2.6	16
17	Comparison of bottom sea-ice algal characteristics from coastal and offshore regions in the Arctic Ocean. <i>Polar Biology</i> , 2010, 33, 1331-1337.	1.2	13
18	Strong and regionally distinct links between iceâ€œretreat timing and phytoplankton production in the Arctic Ocean. <i>Limnology and Oceanography</i> , 2021, 66, 2498-2508.	3.1	13

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19	The Changing CO ₂ Sink in the Western Arctic Ocean From 1994 to 2019. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	12
20	Does Marine Surface Tension Have Global Biogeography? Addition for the OCEANFILMS Package. <i>Atmosphere</i> , 2018, 9, 216.	2.3	10
21	Variability of primary production among basins in the East/Japan Sea: Role of water column stability in modulating nutrient and light availability. <i>Progress in Oceanography</i> , 2019, 178, 102173.	3.2	7
22	Sensitivity study of subgrid scale ocean mixing under sea ice using a two-column ocean grid in climate model CESM. <i>Frontiers of Earth Science</i> , 2015, 9, 594-604.	2.1	5
23	Progress and Challenges in Biogeochemical Modeling of the Pacific Arctic Region. , 2014, , 393-445.		4
24	Ice Algae Model Intercomparison Project phase 2 (IAMIP2). <i>Geoscientific Model Development</i> , 2021, 14, 6847-6861.	3.6	4
25	Strategies for the Simulation of Sea Ice Organic Chemistry: Arctic Tests and Development. <i>Geosciences (Switzerland)</i> , 2017, 7, 52.	2.2	2
26	Interannual Variability of Surface Salinity and Ekman Pumping in the Canada Basin During Summertime of 2003â€“2017. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017176.	2.6	1
27	An approach to determine coefficients of logarithmic velocity vertical profile in the bottom boundary layer. <i>Journal of Oceanology and Limnology</i> , 0, , 1.	1.3	0