

# Franz J Mueter

## List of Publications by Year in descending order

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34  
papers

1,931  
citations

516215

16  
h-index

395343

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1563  
citing authors

#	ARTICLE	IF	CITATIONS
1	SEA ICE RETREAT ALTERS THE BIOGEOGRAPHY OF THE BERING SEA CONTINENTAL SHELF. , 2008, 18, 309-320.		384
2	Climate impacts on eastern Bering Sea foodwebs: a synthesis of new data and an assessment of the Oscillating Control Hypothesis. ICES Journal of Marine Science, 2011, 68, 1230-1243.	1.2	321
3	Climate change in the southeastern Bering Sea: impacts on pollock stocks and implications for the oscillating control hypothesis. Fisheries Oceanography, 2011, 20, 139-156.	0.9	188
4	Expected declines in recruitment of walleye pollock ( <i>Theragra chalcogramma</i> ) in the eastern Bering Sea under future climate change. ICES Journal of Marine Science, 2011, 68, 1284-1296.	1.2	145
5	Advection in polar and sub-polar environments: Impacts on high latitude marine ecosystems. Progress in Oceanography, 2016, 149, 40-81.	1.5	95
6	Ecosystem responses to recent oceanographic variability in high-latitude Northern Hemisphere ecosystems. Progress in Oceanography, 2009, 81, 93-110.	1.5	93
7	Spring and fall phytoplankton blooms in a productive subarctic ecosystem, the eastern Bering Sea, during 1995–2011. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 109, 71-83.	0.6	89
8	Evaluating management strategies for eastern Bering Sea walleye pollock ( <i>Theragra chalcogramma</i> ) in a changing environment. ICES Journal of Marine Science, 2011, 68, 1297-1304.	1.2	75
9	Bottom-up and top-down controls of walleye pollock ( <i>Theragra chalcogramma</i> ) on the Eastern Bering Sea shelf. Progress in Oceanography, 2006, 68, 152-183.	1.5	72
10	Spatial Match-Mismatch between Juvenile Fish and Prey Provides a Mechanism for Recruitment Variability across Contrasting Climate Conditions in the Eastern Bering Sea. PLoS ONE, 2013, 8, e84526.	1.1	61
11	Conceptual model of energy allocation in walleye pollock ( <i>Theragra chalcogramma</i> ) from age-0 to age-1 in the southeastern Bering Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 94, 140-149.	0.6	49
12	Modelling spatially dependent predation mortality of eastern Bering Sea walleye pollock, and its implications for stock dynamics under future climate scenarios. ICES Journal of Marine Science, 2016, 73, 1330-1342.	1.2	46
13	Distribution shifts of marine taxa in the Pacific Arctic under contemporary climate changes. Diversity and Distributions, 2018, 24, 1583-1597.	1.9	41
14	Late summer zoogeography of the northern Bering and Chukchi seas. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 135, 168-189.	0.6	38
15	Influences of temperature, predators, and competitors on polar cod ( <i>Boreogadus saida</i> ) at the southern margin of their distribution. Polar Biology, 2020, 43, 995-1014.	0.5	26
16	Spatio-temporal distribution of polar cod ( <i>Boreogadus saida</i> ) and saffron cod ( <i>Eleginus gracilis</i> ) early life stages in the Pacific Arctic. Polar Biology, 2019, 42, 969-990.	0.5	22
17	Possible future scenarios in the gateways to the Arctic for Subarctic and Arctic marine systems: II. prey resources, food webs, fish, and fisheries. ICES Journal of Marine Science, 2021, 78, 3017-3045.	1.2	19
18	Multiple facets of marine biodiversity in the Pacific Arctic under future climate. Science of the Total Environment, 2020, 744, 140913.	3.9	18

#	ARTICLE	IF	CITATIONS
19	Ontogenetic changes in the buoyancy and salinity tolerance of eggs and larvae of polar cod ( <i>Boreogadus saida</i> ) and other gadids. <i>Polar Biology</i> , 2020, 43, 1141-1158.	0.5	18
20	Developing an observational design for epibenthos and fish assemblages in the Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 162, 180-190.	0.6	16
21	Autonomous vehicle surveys indicate that flow reversals retain juvenile fishes in a highly advective high-latitude ecosystem. <i>Limnology and Oceanography</i> , 2021, 66, 1139-1154.	1.6	15
22	Environmental and biological influences on the distribution and population dynamics of polar cod ( <i>Boreogadus saida</i> ) in the US Chukchi Sea. <i>Polar Biology</i> , 2020, 43, 1055-1072.	0.5	14
23	Spatial patterns, environmental correlates, and potential seasonal migration triangle of polar cod ( <i>Boreogadus saida</i> ) distribution in the Chukchi and Beaufort seas. <i>Polar Biology</i> , 2020, 43, 1073-1094.	0.5	14
24	Possible future scenarios for two major Arctic Gateways connecting Subarctic and Arctic marine systems: I. Climate and physical-chemical oceanography. <i>ICES Journal of Marine Science</i> , 2021, 78, 3046-3065.	1.2	13
25	Genetics, recruitment, and migration patterns of Arctic cisco ( <i>Coregonus autumnalis</i> ) in the Colville River, Alaska, and Mackenzie River, Canada. <i>Polar Biology</i> , 2013, 36, 1543-1555.	0.5	10
26	SuessR: Regional corrections for the effects of anthropogenic CO <sub>2</sub> on $\delta^{13}C$ data from marine organisms. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1508-1520.	2.2	10
27	Development of a predation index to assess trophic stability in the Gulf of Alaska. <i>Ecological Applications</i> , 2020, 30, e02141.	1.8	9
28	Marine biodiversity refugia in a climate-sensitive subarctic shelf. <i>Global Change Biology</i> , 2021, 27, 3299-3311.	4.2	7
29	New estimates of weight-at-size, maturity-at-size, fecundity, and biomass of snow crab, <i>Chionoecetes opilio</i> , in the Arctic Ocean off Alaska. <i>Fisheries Research</i> , 2019, 218, 246-258.	0.9	6
30	A multispecies biomass dynamics model for investigating predator-prey interactions in the Bering Sea groundfish community. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 134, 331-349.	0.6	5
31	Chum salmon ( <i>Oncorhynchus keta</i> ) growth and temperature indices as indicators of the year-class strength of age-1 walleye pollock ( <i>Gadus chalcogrammus</i> ) in the eastern Bering Sea. <i>Fisheries Oceanography</i> , 2015, 24, 242-256.	0.9	4
32	Multispecies biomass dynamics models reveal effects of ocean temperature on predation of juvenile pollock in the eastern Bering Sea. <i>Fisheries Oceanography</i> , 2020, 29, 10-22.	0.9	4
33	Temporal and Age-Based Variation in Juvenile Sablefish Diet Composition and Quality: Inferences from Stomach Contents and Stable Isotopes. <i>Marine and Coastal Fisheries</i> , 2021, 13, 396-412.	0.6	2
34	Effects of environmental variables on a nearshore arctic fish community, 2001-2018. <i>Polar Biology</i> , 2022, 45, 585-599.	0.5	1