Nicholas A Bond

List of Publications by Year
in descending order

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87	6,701	70961 41	62479 80
papers	citations	h-index	g-index

88	88	88	6436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantifying a Novel Climate Through Changes in PDOâ€Climate and PDOâ€Salmon Relationships. Geophysical Research Letters, 2020, 47, e2020GL087972.	1.5	22
2	Drivers of Subsurface Temperature Variability in the Northern California Current. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016227.	1.0	5
3	The changing physical and ecological meanings of North Pacific Ocean climate indices. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7665-7671.	3.3	79
4	The Role of Clouds and Surface Heat Fluxes in the Maintenance of the 2013â€“2016 Northeast Pacific Marine Heatwave. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10772-10783.	1.2	33
5	Subregional differences in groundfish distributional responses to anomalous ocean bottom temperatures in the northeast Pacific. Global Change Biology, 2019, 25, 2560-2575.	4.2	29
6	Assessing the effects of climate change on US West Coast sablefish productivity and on the performance of alternative management strategies. ICES Journal of Marine Science, 2019, 76, 1524-1542.	1.2	14
7	How â€œThe Blobâ€•affected groundfish distributions in the Gulf of Alaska. Fisheries Oceanography, 2019, 28, 434-453.	0.9	33
8	Distributed Biological Observatory Region 1: Physics, chemistry and plankton in the northern Bering Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 162, 8-21.	0.6	40
9	Massive Mortality of a Planktivorous Seabird in Response to a Marine Heatwave. Geophysical Research Letters, 2018, 45, 3193-3202.	1.5	179
10	Climate to fish: Synthesizing field work, data and models in a 39-year retrospective analysis of seasonal processes on the eastern Bering Sea shelf and slope. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 134, 390-412.	0.6	32
11	Cloudy with a chance of sardines: forecasting sardine distributions using regional climate models. Fisheries Oceanography, 2016, 25, 15-27.	0.9	67
12	Summertime Rainfall Events in Eastern Washington and Oregon. Weather and Forecasting, 2016, 31, 1465-1480.	0.5	5
13	Experiments with Seasonal Forecasts of ocean conditions for the Northern region of the California Current upwelling system. Scientific Reports, 2016, 6, 27203.	1.6	70
14	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
15	Projected future biophysical states of the Bering Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 134, 30-47.	0.6	61
16	A decade of environmental change in the Pacific Arctic region. Progress in Oceanography, 2015, 136, 12-31.	1.5	123
17	Causes and impacts of the 2014 warm anomaly in the NE Pacific. Geophysical Research Letters, 2015, 42, 3414-3420.	1.5	876
18	Seasonal sea surface temperature anomaly prediction for coastal ecosystems. Progress in Oceanography, 2015, 137, 219-236.	1.5	75

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19	Fisheries management under climate and environmental uncertainty: control rules and performance simulation. ICES Journal of Marine Science, 2014, 71, 2208-2220.	1.2	177
20	Atmospheric pressure response to mesoscale sea surface temperature variations in the Kuroshio Extension region: In situ evidence. Journal of Geophysical Research D: Atmospheres, 2014, 119, 8015-8031.	1.2	18
21	The Sun, Moon, Wind, and Biological Imperativeâ€“Shaping Contrasting Wintertime Migration and Foraging Strategies of Adult Male and Female Northern Fur Seals (Callorhinus ursinus). PLoS ONE, 2014, 9, e93068.	1.1	27
22	Fortuitous Encounters between Seagliders and Adult Female Northern Fur Seals (Callorhinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 PLoS ONE, 2014, 9, e101268.	1.1	17
23	The influence of wind and ice on spring walrus hunting success on St. Lawrence Island, Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 94, 312-322.	0.6	43
24	Formation and erosion of the seasonal thermocline in the Kuroshio Extension Recirculation Gyre. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 85, 62-74.	0.6	54
25	A multivariate analysis of observed and modeled biophysical variability on the Bering Sea shelf: Multidecadal hindcasts (1970â€“2009) and forecasts (2010â€“2040). Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 94, 121-139.	0.6	39
26	Is there a â€œnew normalâ€•climate in the Beaufort Sea?. Polar Research, 2013, 32, 19552.	1.6	42
27	North Pacific Decadal Variability and Climate Change in the IPCC AR4 Models. Journal of Climate, 2011, 24, 3049-3067.	1.2	87
28	On the use of IPCC-class models to assess the impact of climate on Living Marine Resources. Progress in Oceanography, 2011, 88, 1-27.	1.5	272
29	Considerations in the Selection of Global Climate Models for Regional Climate Projections: The Arctic as a Case Study*. Journal of Climate, 2011, 24, 1583-1597.	1.2	88
30	Expected declines in recruitment of walleye pollock (Theragra chalcogramma) in the eastern Bering Sea under future climate change. ICES Journal of Marine Science, 2011, 68, 1284-1296.	1.2	145
31	Climate forcing and the California Current ecosystem. ICES Journal of Marine Science, 2011, 68, 1199-1216.	1.2	82
32	Evaluating management strategies for eastern Bering Sea walleye pollock (Theragra chalcogramma) in a changing environment. ICES Journal of Marine Science, 2011, 68, 1297-1304.	1.2	75
33	Climate projections for selected large marine ecosystems. Journal of Marine Systems, 2010, 79, 258-266.	0.9	86
34	Atmospheric Sensitivity to SST near the Kuroshio Extension during the Extratropical Transition of Typhoon Tokage*. Monthly Weather Review, 2010, 138, 2644-2663.	0.5	14
35	Role of the Gulf Stream and Kuroshioâ€“Oyashio Systems in Large-Scale Atmosphereâ€“Ocean Interaction: A Review. Journal of Climate, 2010, 23, 3249-3281.	1.2	355
36	A framework for modelling fish and shellfish responses to future climate change. ICES Journal of Marine Science, 2009, 66, 1584-1594.	1.2	116

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37	Development of Skill by Students Enrolled in a Weather Forecasting Laboratory*. Weather and Forecasting, 2009, 24, 1141-1148.	0.5	11
38	Larval fish abundance and physical forcing in the Gulf of Alaska, 1981â€“2003. Progress in Oceanography, 2009, 80, 163-187.	1.5	66
39	Modeled transport of freshwater from a line-source in the coastal Gulf of Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2409-2426.	0.6	29
40	Quantifying cross-shelf and vertical nutrient flux in the Coastal Gulf of Alaska with a spatially nested, coupled biophysical model. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2474-2486.	0.6	43
41	A top-down survival mechanism during early marine residency explains coho salmon year-class strength in southeast Alaska. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2560-2569.	0.6	16
42	Rise and fall of jellyfish in the eastern Bering Sea in relation to climate regime shifts. Progress in Oceanography, 2008, 77, 103-111.	1.5	155
43	Characteristics of North American Summertime Rainfall with Emphasis on the Monsoon. Journal of Climate, 2008, 21, 1277-1294.	1.2	35
44	Regional Weather Patterns during Anomalous Airâ€“Sea Fluxes at the Kuroshio Extension Observatory (KEO)*. Journal of Climate, 2008, 21, 1680-1697.	1.2	41
45	Comparison of atmospheric forcing in four sub-arctic seas. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 2543-2559.	0.6	7
46	A Comparison of Two Coastal Barrier Jet Events along the Southeast Alaskan Coast during the SARJET Field Experiment*. Monthly Weather Review, 2007, 135, 3642-3663.	0.5	11
47	Research Aircraft and Wind Profiler Observations in Gastineau Channel during a Taku Wind Event*. Weather and Forecasting, 2006, 21, 489-501.	0.5	8
48	Surface Cloud Forcing in the East Pacific Stratus Deck/Cold Tongue/ITCZ Complex*. Journal of Climate, 2006, 19, 392-409.	1.2	48
49	The Aleutian Low and Winter Climatic Conditions in the Bering Sea. Part I: Classification*. Journal of Climate, 2005, 18, 160-177.	1.2	67
50	Evolution of a Cold Front Encountering Steep Quasi-2D Terrain: Coordinated Aircraft Observations on 8â€“9 December 2001 during IMPROVE-2. Journals of the Atmospheric Sciences, 2005, 62, 3559-3579.	0.6	6
51	EPIC 95Â°W Observations of the Eastern Pacific Atmospheric Boundary Layer from the Cold Tongue to the ITCZ. Journals of the Atmospheric Sciences, 2005, 62, 426-442.	0.6	27
52	The importance of episodic weather events to the ecosystem of the Bering Sea shelf. Fisheries Oceanography, 2005, 14, 97-111.	0.9	30
53	Spatial and temporal variability of the Aleutian climate. Fisheries Oceanography, 2005, 14, 3-21.	0.9	40
54	Recruitment of walleye pollock in a physically and biologically complex ecosystem: A new perspective. Progress in Oceanography, 2005, 67, 24-42.	1.5	54

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55	Shallow Meridional Circulation in the Tropical Eastern Pacific*. Journal of Climate, 2004, 17, 133-139.	1.2	109
56	Marine Atmospheric Boundary Layer Height over the Eastern Pacific: Data Analysis and Model Evaluation. Journal of Climate, 2004, 17, 4159-4170.	1.2	74
57	Large-Scale Characteristics of the Atmospheric Boundary Layer in the Eastern Pacific Cold Tongueâ€"ITCZ Region*. Journal of Climate, 2004, 17, 3907-3920.	1.2	34
58	Improvement of Microphysical Parameterization through Observational Verification Experiment. Bulletin of the American Meteorological Society, 2003, 84, 1807-1826.	1.7	154
59	The Influence of the Maddenâ€"Julian Oscillation on Precipitation in Oregon and Washington*. Weather and Forecasting, 2003, 18, 600-613.	0.5	133
60	Climate change and control of the southeastern Bering Sea pelagic ecosystem. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 5821-5853.	0.6	475
61	Recent Temperature Changes in the Western Arctic during Spring*. Journal of Climate, 2002, 15, 1702-1716.	1.2	38
62	Airborne Doppler Observations of a Cold Front in the Vicinity of Vancouver Island*. Monthly Weather Review, 2002, 130, 2692-2708.	0.5	15
63	Research Aircraft Observations and Numerical Simulations of a Warm Front Approaching Vancouver Island. Monthly Weather Review, 2001, 129, 978-998.	0.5	28
64	North Pacific Atmospheric and SST Anomalies in 1997: Links to ENSO?. Fisheries Oceanography, 2001, 10, 69-80.	0.9	58
65	On the temporal variability of the physical environment over the south-eastern Bering Sea. Fisheries Oceanography, 2001, 10, 81-98.	0.9	295
66	Regional Variability of the Arctic Heat Budget in Fall and Winter*. Journal of Climate, 2000, 13, 3500-3510.	1.2	22
67	The Pacific decadal oscillation, air-sea interaction and central north Pacific winter atmospheric regimes. Geophysical Research Letters, 2000, 27, 731-734.	1.5	87
68	Anomalous transport of walleye pollock larvae linked to ocean and atmospheric patterns in May 1996. Fisheries Oceanography, 1999, 8, 264-273.	0.9	13
69	Decadal Variability of the Aleutian Low and Its Relation to High-Latitude Circulation*. Journal of Climate, 1999, 12, 1542-1548.	1.2	313
70	Analysis of Surface Winds in Shelikof Strait, Alaska, UsingMoored Buoy Observations*. Weather and Forecasting, 1998, 13, 547-559.	0.5	11
71	Regional Variation of Winter Temperatures in the Arctic. Journal of Climate, 1997, 10, 821-837.	1.2	53
72	The Coastal Observation and Simulation with Topography (COAST) Experiment. Bulletin of the American Meteorological Society, 1997, 78, 1941-1955.	1.7	53

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73	Reply*. Monthly Weather Review, 1997, 125, 1695-1697.	0.5	0
74	Physical transport of young pollock larvae (Theragra chalcogramma) near Shelikof Strait as inferred from a hydrodynamic model. Fisheries Oceanography, 1996, 5, 58-70.	0.9	28
75	Coastally Trapped Wind Reversals along the United States West Coast during the Warm Season. Part I: Climatology and Temporal Evolution. Monthly Weather Review, 1996, 124, 430-445.	0.5	54
76	Coastally Trapped Wind Reversals along the United States West Coast during the Warm Season. Part II: Synoptic Evolution. Monthly Weather Review, 1996, 124, 446-461.	0.5	48
77	The Daytona Beach Wave of 3â€“4 July 1992: A Shallow-Water Gravity Wave Forced by a Propagating Squall Line. Bulletin of the American Meteorological Society, 1995, 76, 21-32.	1.7	61
78	Observations and Scale Analysis of Coastal Wind Jets. Monthly Weather Review, 1995, 123, 2934-2941.	0.5	77
79	Spatial and Temporal Characteristics of the Wind Forcing of the Bering Sea. Journal of Climate, 1994, 7, 1119-1130.	1.2	25
80	Aircraft Observations of Offshore-directed Flow near Wide Bay, Alaska. Monthly Weather Review, 1993, 121, 150-161.	0.5	13
81	Observations of Planetary Boundary-Layer Structure in the Eastern Equatorial Pacific. Journal of Climate, 1992, 5, 699-706.	1.2	37
82	Polar Lows over the Gulf of Alaska in Conditions of Reverse Shear. Monthly Weather Review, 1991, 119, 551-572.	0.5	41
83	Research Aircraft Observations of the Mesoscale and Microscale Structure of a Cold Front over the Eastern Pacific Ocean. Monthly Weather Review, 1991, 119, 3080-3094.	0.5	20
84	Structure of a Low-Level Jet over Lower Cook Inlet, Alaska. Monthly Weather Review, 1990, 118, 2568-2578.	0.5	31
85	Atmosphere-ocean interaction in mid-latitude storms. Meteorology and Atmospheric Physics, 1988, 38, 50-63.	0.9	7
86	Prefrontal and Postfrontal Boundary Layer Processes over the Ocean. Monthly Weather Review, 1988, 116, 1257-1273.	0.5	28
87	Structure of a cold front over the ocean. Quarterly Journal of the Royal Meteorological Society, 1985, 111, 739-759.	1.0	46