

# Michael A Alexander

## List of Publications by Year in descending order

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156  
papers

17,758  
citations

19636

61  
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14197

128  
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164  
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164  
docs citations

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times ranked

12582  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Atmospheric Bridge: The Influence of ENSO Teleconnections on Air–Sea Interaction over the Global Oceans. <i>Journal of Climate</i> , 2002, 15, 2205-2231.	1.2	1,505
2	The Pacific Decadal Oscillation, Revisited. <i>Journal of Climate</i> , 2016, 29, 4399-4427.	1.2	877
3	Sea Surface Temperature Variability: Patterns and Mechanisms. <i>Annual Review of Marine Science</i> , 2010, 2, 115-143.	5.1	788
4	Slow adaptation in the face of rapid warming leads to collapse of the Gulf of Maine cod fishery. <i>Science</i> , 2015, 350, 809-812.	6.0	631
5	ENSO-Forced Variability of the Pacific Decadal Oscillation. <i>Journal of Climate</i> , 2003, 16, 3853-3857.	1.2	582
6	Enhanced warming over the global subtropical western boundary currents. <i>Nature Climate Change</i> , 2012, 2, 161-166.	8.1	564
7	The Seasonal Atmospheric Response to Projected Arctic Sea Ice Loss in the Late Twenty-First Century. <i>Journal of Climate</i> , 2010, 23, 333-351.	1.2	447
8	Projecting North American Climate over the Next 50 Years: Uncertainty due to Internal Variability*. <i>Journal of Climate</i> , 2014, 27, 2271-2296.	1.2	393
9	Twentieth century tropical sea surface temperature trends revisited. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	373
10	A Vulnerability Assessment of Fish and Invertebrates to Climate Change on the Northeast U.S. Continental Shelf. <i>PLoS ONE</i> , 2016, 11, e0146756.	1.1	366
11	Role of the Gulf Stream and Kuroshio–Oyashio Systems in Large-Scale Atmosphere–Ocean Interaction: A Review. <i>Journal of Climate</i> , 2010, 23, 3249-3281.	1.2	355
12	Enhanced warming of the North Atlantic Ocean under climate change. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 118-132.	1.0	348
13	The Atmospheric Response to Realistic Arctic Sea Ice Anomalies in an AGCM during Winter. <i>Journal of Climate</i> , 2004, 17, 890-905.	1.2	324
14	Atmospheric bridge, oceanic tunnel, and global climatic teleconnections. <i>Reviews of Geophysics</i> , 2007, 45, .	9.0	322
15	Upper-Ocean Thermal Variations in the North Pacific during 1970–1991. <i>Journal of Climate</i> , 1996, 9, 1840-1855.	1.2	310
16	ENSO and Pacific Decadal Variability in the Community Climate System Model Version 4. <i>Journal of Climate</i> , 2012, 25, 2622-2651.	1.2	293
17	Central Pacific El Niño and decadal climate change in the North Pacific Ocean. <i>Nature Geoscience</i> , 2010, 3, 762-765.	5.4	292
18	On the use of IPCC-class models to assess the impact of climate on Living Marine Resources. <i>Progress in Oceanography</i> , 2011, 88, 1-27.	1.5	272

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19	A Mechanism for the Recurrence of Wintertime Midlatitude SST Anomalies. <i>Journal of Physical Oceanography</i> , 1995, 25, 122-137.	0.7	270
20	Climate change and amphibian declines: is there a link?. <i>Diversity and Distributions</i> , 2003, 9, 111-121.	1.9	261
21	Evidence for a Wind-Driven Intensification of the Kuroshio Current Extension from the 1970s to the 1980s. <i>Journal of Climate</i> , 1999, 12, 1697-1706.	1.2	242
22	Enhanced upper ocean stratification with climate change in the CMIP3 models. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	234
23	Understanding the Persistence of Sea Surface Temperature Anomalies in Midlatitudes. <i>Journal of Climate</i> , 2003, 16, 57-72.	1.2	218
24	Subduction of Decadal North Pacific Temperature Anomalies: Observations and Dynamics. <i>Journal of Physical Oceanography</i> , 1999, 29, 1056-1070.	0.7	216
25	The Impact of Extratropical Atmospheric Variability on ENSO: Testing the Seasonal Footprinting Mechanism Using Coupled Model Experiments. <i>Journal of Climate</i> , 2010, 23, 2885-2901.	1.2	214
26	The Reemergence of SST Anomalies in the North Pacific Ocean. <i>Journal of Climate</i> , 1999, 12, 2419-2433.	1.2	195
27	Influence of the Meridional Shifts of the Kuroshio and the Oyashio Extensions on the Atmospheric Circulation. <i>Journal of Climate</i> , 2011, 24, 762-777.	1.2	192
28	Intensification of decadal and multi-decadal sea level variability in the western tropical Pacific during recent decades. <i>Climate Dynamics</i> , 2014, 43, 1357-1379.	1.7	173
29	Natural variation in ENSO flavors. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	170
30	Managing living marine resources in a dynamic environment: The role of seasonal to decadal climate forecasts. <i>Progress in Oceanography</i> , 2017, 152, 15-49.	1.5	165
31	ENSO and meridional modes: A null hypothesis for Pacific climate variability. <i>Geophysical Research Letters</i> , 2015, 42, 9440-9448.	1.5	162
32	Forecasting the dynamics of a coastal fishery species using a coupled climate–population model. <i>Ecological Applications</i> , 2010, 20, 452-464.	1.8	159
33	Projected sea surface temperatures over the 21st century: Changes in the mean, variability and extremes for large marine ecosystem regions of Northern Oceans. <i>Elementa</i> , 2018, 6, .	1.1	148
34	Climate variability during warm and cold phases of the Atlantic Multidecadal Oscillation (AMO) 1871–2008. <i>Journal of Marine Systems</i> , 2014, 133, 14-26.	0.9	140
35	Climate vulnerability and resilience in the most valuable North American fishery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1831-1836.	3.3	133
36	Midlatitude Atmosphere–Ocean Interaction during El Niño. Part I: The North Pacific Ocean. <i>Journal of Climate</i> , 1992, 5, 944-958.	1.2	131

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37	Delayed coastal upwelling along the U.S. West Coast in 2005: A historical perspective. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	129
38	The influence of ENSO on air-sea interaction in the Atlantic. <i>Geophysical Research Letters</i> , 2002, 29, 46-1-46-4.	1.5	128
39	Forecasting Pacific SSTs: Linear Inverse Model Predictions of the PDO. <i>Journal of Climate</i> , 2008, 21, 385-402.	1.2	126
40	Evolution of the Global Coupled Climate Response to Arctic Sea Ice Loss during 1990â€“2090 and Its Contribution to Climate Change. <i>Journal of Climate</i> , 2018, 31, 7823-7843.	1.2	126
41	Midlatitude Excitation of Tropical Variability in the Pacific: The Role of Thermodynamic Coupling and Seasonality*. <i>Journal of Climate</i> , 2009, 22, 518-534.	1.2	122
42	A Modeling Study of the Interannual Variability in the Wintertime North Atlantic Ocean. <i>Journal of Climate</i> , 1995, 8, 3067-3083.	1.2	119
43	Bottom-up forcing and the decline of Steller sea lions ( <i>Eumetopias jubatus</i> ) in Alaska: assessing the ocean climate hypothesis. <i>Fisheries Oceanography</i> , 2007, 16, 46-67.	0.9	118
44	Frequency of marine heatwaves in the North Atlantic and North Pacific since 1950. <i>Geophysical Research Letters</i> , 2016, 43, 2069-2076.	1.5	113
45	Remote Response of the Indian Ocean to Interannual SST Variations in the Tropical Pacific. <i>Journal of Climate</i> , 2004, 17, 362-372.	1.2	111
46	Surface and subsurface dipole variability in the Indian Ocean and its relation with ENSO. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 619-635.	0.6	105
47	Investigating the Local Atmospheric Response to a Realistic Shift in the Oyashio Sea Surface Temperature Front. <i>Journal of Climate</i> , 2015, 28, 1126-1147.	1.2	103
48	Processes that influence sea surface temperature and ocean mixed layer depth variability in a coupled model. <i>Journal of Geophysical Research</i> , 2000, 105, 16823-16842.	3.3	99
49	Estimation of the Surface Heat Flux Response to Sea Surface Temperature Anomalies over the Global Oceans. <i>Journal of Climate</i> , 2005, 18, 4582-4599.	1.2	95
50	Optimal growth of Central and East Pacific ENSO events. <i>Geophysical Research Letters</i> , 2014, 41, 4027-4034.	1.5	88
51	Thermal displacement by marine heatwaves. <i>Nature</i> , 2020, 584, 82-86.	13.7	87
52	Global seasonal forecasts of marine heatwaves. <i>Nature</i> , 2022, 604, 486-490.	13.7	83
53	An empirical model of tropical ocean dynamics. <i>Climate Dynamics</i> , 2011, 37, 1823-1841.	1.7	82
54	Changes in hail and flood risk in high-resolution simulations over Colorado's mountains. <i>Nature Climate Change</i> , 2012, 2, 125-131.	8.1	81

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55	Seasonal sea surface temperature anomaly prediction for coastal ecosystems. <i>Progress in Oceanography</i> , 2015, 137, 219-236.	1.5	75
56	On the Reemergence of North Atlantic SST Anomalies. <i>Journal of Climate</i> , 2002, 15, 2707-2712.	1.2	74
57	Improved management of small pelagic fisheries through seasonal climate prediction. <i>Ecological Applications</i> , 2017, 27, 378-388.	1.8	72
58	Atmospheric forcing of Fram Strait sea ice export: a closer look. <i>Climate Dynamics</i> , 2010, 35, 1349-1360.	1.7	71
59	Forcing of Multiyear Extreme Ocean Temperatures that Impacted California Current Living Marine Resources in 2016. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, S27-S33.	1.7	71
60	Rossby Waves in the Tropical North Pacific and Their Role in Decadal Thermocline Variability. <i>Journal of Physical Oceanography</i> , 2001, 31, 3496-3515.	0.7	68
61	Investigating the Impact of Reemerging Sea Surface Temperature Anomalies on the Winter Atmospheric Circulation over the North Atlantic. <i>Journal of Climate</i> , 2007, 20, 3510-3526.	1.2	68
62	Surface Flux Variability over the North Pacific and North Atlantic Oceans. <i>Journal of Climate</i> , 1997, 10, 2963-2978.	1.2	66
63	Seasonal trends and phenology shifts in sea surface temperature on the North American northeastern continental shelf. <i>Elementa</i> , 2017, 5, .	1.1	65
64	Anatomy and Decadal Evolution of the Pacific Subtropicalâ€“Tropical Cells (STCs)*. <i>Journal of Climate</i> , 2005, 18, 3739-3758.	1.2	63
65	Cusk ( <i>Brosme brosme</i> ) and climate change: assessing the threat to a candidate marine fish species under the US Endangered Species Act. <i>ICES Journal of Marine Science</i> , 2012, 69, 1753-1768.	1.2	62
66	Atmosphereâ€“Ocean Interaction in the North Atlantic: Near-Surface Climate Variability. <i>Journal of Climate</i> , 1998, 11, 1615-1632.	1.2	61
67	Seasonal-to-interannual prediction of North American coastal marine ecosystems: Forecast methods, mechanisms of predictability, and priority developments. <i>Progress in Oceanography</i> , 2020, 183, 102307.	1.5	61
68	Changes in atmospheric rivers and moisture transport over the Northeast Pacific and western North America in response to ENSO diversity. <i>Climate Dynamics</i> , 2019, 52, 7375-7388.	1.7	60
69	Examining moisture pathways and extreme precipitation in the U.S. Intermountain West using selfâ€“organizing maps. <i>Geophysical Research Letters</i> , 2016, 43, 1727-1735.	1.5	59
70	Climate Variability in Regions of Amphibian Declines. <i>Conservation Biology</i> , 2001, 15, 930-942.	2.4	57
71	Potential Feedbacks Between Pacific Ocean Ecosystems and Interdecadal Climate Variations. <i>Bulletin of the American Meteorological Society</i> , 2003, 84, 617-634.	1.7	55
72	Extratropical air-sea interaction, sea surface temperature variability, and the Pacific Decadal Oscillation. <i>Geophysical Monograph Series</i> , 2010, , 123-148.	0.1	54

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73	Variability in a Mixed Layer Ocean Model Driven by Stochastic Atmospheric Forcing. <i>Journal of Climate</i> , 1996, 9, 2424-2442.	1.2	53
74	On the Response of the Aleutian Low to Greenhouse Warming. <i>Journal of Climate</i> , 2017, 30, 3907-3925.	1.2	53
75	A Dynamically Downscaled Ensemble of Future Projections for the California Current System. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	53
76	Midlatitude Atmosphere-Ocean Interaction during El Niño. Part II: The Northern Hemisphere Atmosphere. <i>Journal of Climate</i> , 1992, 5, 959-972.	1.2	52
77	Why Are There Rossby Wave Maxima in the Pacific at 10°S and 13°N?. <i>Journal of Physical Oceanography</i> , 2003, 33, 1549-1563.	0.7	52
78	Skillful Climate Forecasts of the Tropical Indo-Pacific Ocean Using Model-Analogs. <i>Journal of Climate</i> , 2018, 31, 5437-5459.	1.2	52
79	Simulation of the response of the North Pacific Ocean to the anomalous atmospheric circulation associated with El Niño. <i>Climate Dynamics</i> , 1990, 5, 53-65.	1.7	51
80	Winter-to-winter recurrence of sea surface temperature, salinity and mixed layer depth anomalies. <i>Progress in Oceanography</i> , 2001, 49, 41-61.	1.5	51
81	Extratropical Atmosphere-Ocean Variability in CCSM3. <i>Journal of Climate</i> , 2006, 19, 2496-2525.	1.2	50
82	The Role of Ekman Ocean Heat Transport in the Northern Hemisphere Response to ENSO. <i>Journal of Climate</i> , 2008, 21, 5688-5707.	1.2	50
83	High-Resolution Downscaled Simulations of Warm-Season Extreme Precipitation Events in the Colorado Front Range under Past and Future Climates*. <i>Journal of Climate</i> , 2013, 26, 8671-8689.	1.2	49
84	Projected ocean warming creates a conservation challenge for river herring populations. <i>ICES Journal of Marine Science</i> , 2015, 72, 374-387.	1.2	49
85	The Late Fall Extratropical Response to ENSO: Sensitivity to Coupling and Convection in the Tropical West Pacific. <i>Journal of Climate</i> , 2008, 21, 6101-6118.	1.2	47
86	The Landfall and Inland Penetration of a Flood-Producing Atmospheric River in Arizona. Part II: Sensitivity of Modeled Precipitation to Terrain Height and Atmospheric River Orientation. <i>Journal of Hydrometeorology</i> , 2014, 15, 1954-1974.	0.7	45
87	Impact of Poleward Moisture Transport from the North Pacific on the Acceleration of Sea Ice Loss in the Arctic since 2002. <i>Journal of Climate</i> , 2017, 30, 6757-6769.	1.2	45
88	Understanding the Dominant Sources and Tracks of Moisture for Summer Rainfall in the Southwest United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4850-4870.	1.2	45
89	On the skill of seasonal sea surface temperature forecasts in the California Current System and its connection to ENSO variability. <i>Climate Dynamics</i> , 2019, 53, 7519-7533.	1.7	44
90	The Response of the Northwest Atlantic Ocean to Climate Change. <i>Journal of Climate</i> , 2020, 33, 405-428.	1.2	44

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91	Choosing and Using Climate Change Scenarios for Ecological Impact Assessments and Conservation Decisions. <i>Conservation Biology</i> , 2013, 27, 1147-1157.	2.4	43
92	Moisture Pathways into the U.S. Intermountain West Associated with Heavy Winter Precipitation Events*. <i>Journal of Hydrometeorology</i> , 2015, 16, 1184-1206.	0.7	43
93	Predicting the Evolution of the 2014–2016 California Current System Marine Heatwave From an Ensemble of Coupled Global Climate Forecasts. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	42
94	Next-generation regional ocean projections for living marine resource management in a changing climate. <i>ICES Journal of Marine Science</i> , 2021, 78, 1969-1987.	1.2	42
95	Broadening the Atmospheric Bridge Paradigm: ENSO Teleconnections to the Tropical West Pacific-Indian Oceans Over the Seasonal Cycle and to the North Pacific in Summer. <i>Geophysical Monograph Series</i> , 0, , 85-103.	0.1	41
96	Daily to Decadal Sea Surface Temperature Variability Driven by State-Dependent Stochastic Heat Fluxes. <i>Journal of Physical Oceanography</i> , 2006, 36, 1940-1958.	0.7	39
97	Emergent anthropogenic trends in California Current upwelling. <i>Geophysical Research Letters</i> , 2017, 44, 5044-5052.	1.5	37
98	Diagnosing Secular Variations in Retrospective ENSO Seasonal Forecast Skill Using CMIP5 Model Analogs. <i>Geophysical Research Letters</i> , 2019, 46, 1721-1730.	1.5	36
99	Spatial variability of seasonal extreme precipitation in the western United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4522-4533.	1.2	35
100	Low-Frequency Pycnocline Variability in the Northeast Pacific. <i>Journal of Physical Oceanography</i> , 2005, 35, 1403-1420.	0.7	33
101	Climate impacts on the Gulf of Maine ecosystem. <i>Elementa</i> , 2021, 9, .	1.1	32
102	Are Long-Term Changes in Mixed Layer Depth Influencing North Pacific Marine Heatwaves?. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S59-S66.	1.7	32
103	Incorporating Climate Science in Applications of the U.S. Endangered Species Act for Aquatic Species. <i>Conservation Biology</i> , 2013, 27, 1222-1233.	2.4	31
104	The Impact of Cloud Radiative Feedback, Remote ENSO Forcing, and Entrainment on the Persistence of North Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2006, 19, 6243-6261.	1.2	30
105	The Atmospheric Response to Projected Terrestrial Snow Changes in the Late Twenty-First Century. <i>Journal of Climate</i> , 2010, 23, 6430-6437.	1.2	29
106	Effect of environmental conditions on juvenile recruitment of alewife ( <i>Alosa pseudoharengus</i> ) and blueback herring ( <i>Alosa aestivalis</i> ) in fresh water: a coastwide perspective. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1037-1047.	0.7	29
107	More reliable coastal SST forecasts from the North American multimodel ensemble. <i>Climate Dynamics</i> , 2019, 53, 7153-7168.	1.7	28
108	ENSO's Impact on the Gap Wind Regions of the Eastern Tropical Pacific Ocean*. <i>Journal of Climate</i> , 2012, 25, 3549-3565.	1.2	27

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109	Investigating the Role of Ocean-Atmosphere Coupling in the North Pacific Ocean. <i>Journal of Climate</i> , 2014, 27, 592-606.	1.2	27
110	Multi-Annual Climate Predictions for Fisheries: An Assessment of Skill of Sea Surface Temperature Forecasts for Large Marine Ecosystems. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	27
111	On the role of climate modes in modulating the air-sea CO <sub>2</sub> fluxes in eastern boundary upwelling systems. <i>Biogeosciences</i> , 2019, 16, 329-346.	1.3	27
112	The Atmospheric Response to Realistic Reduced Summer Arctic Sea Ice Anomalies. <i>Geophysical Monograph Series</i> , 0, , 91-110.	0.1	26
113	A low latitude paleoclimate perspective on Atlantic multidecadal variability. <i>Journal of Marine Systems</i> , 2014, 133, 4-13.	0.9	25
114	The Climate Change Web Portal: A System to Access and Display Climate and Earth System Model Output from the CMIP5 Archive. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 523-530.	1.7	25
115	Response to Comments on "Slow adaptation in the face of rapid warming leads to collapse of the Gulf of Maine cod fishery" <i>Science</i> , 2016, 352, 423-423.	6.0	25
116	Regional-scale surface temperature variability allows prediction of Pacific bluefin tuna recruitment. <i>ICES Journal of Marine Science</i> , 2018, 75, 1341-1352.	1.2	24
117	Response of O <sub>2</sub> and pH to ENSO in the California Current System in a high-resolution global climate model. <i>Ocean Science</i> , 2018, 14, 69-86.	1.3	23
118	An Examination of an Inland-Penetrating Atmospheric River Flood Event under Potential Future Thermodynamic Conditions. <i>Journal of Climate</i> , 2018, 31, 6281-6297.	1.2	23
119	ENSO's Modulation of Water Vapor Transport over the Pacific-North American Region. <i>Journal of Climate</i> , 2015, 28, 3846-3856.	1.2	22
120	Global Coupled Climate Response to Polar Sea Ice Loss: Evaluating the Effectiveness of Different Ice-Constraining Approaches. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085788.	1.5	22
121	Interdecadal changes in mesoscale eddy variance in the Gulf of Alaska circulation: Possible implications for the Steller sea lion decline. <i>Atmosphere - Ocean</i> , 2005, 43, 231-240.	0.6	20
122	Future Climate: Projected Extremes. , 2013, , 126-147.		20
123	Net Shortwave Fluxes over the Ocean. <i>Journal of Physical Oceanography</i> , 1999, 29, 3167-3174.	0.7	18
124	Projecting ocean acidification impacts for the Gulf of Maine to 2050. <i>Elementa</i> , 2021, 9, .	1.1	18
125	A Review of River Herring Science in Support of Species Conservation and Ecosystem Restoration. <i>Marine and Coastal Fisheries</i> , 2021, 13, 627-664.	0.6	17
126	The seasonal footprinting mechanism in CFSv2: simulation and impact on ENSO prediction. <i>Climate Dynamics</i> , 2013, 41, 1671-1683.	1.7	16



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127	Greenhouse Gas-Induced Changes in Summer Precipitation over Colorado in NARCCAP Regional Climate Models*. <i>Journal of Climate</i> , 2013, 26, 8690-8697.	1.2	16
128	Decadal variability in the northeast Pacific in a physical-ecosystem model: Role of mixed layer depth and trophic interactions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	15
129	Widespread Reemergence of Sea Surface Temperature Anomalies in the Global Oceans, Including Tropical Regions Forced by Reemerging Winds. <i>Geophysical Research Letters</i> , 2018, 45, 7683-7691.	1.5	15
130	Projections of physical conditions in the Gulf of Maine in 2050. <i>Elementa</i> , 2021, 9, .	1.1	15
131	On the Persistence of Cold-Season SST Anomalies Associated with the Annular Modes. <i>Journal of Climate</i> , 2011, 24, 2500-2515.	1.2	14
132	Relating CMIP5 Model Biases to Seasonal Forecast Skill in the Tropical Pacific. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086765.	1.5	14
133	Regional Earth-Atmosphere Energy Balance Estimates Based on Assimilations with a GCM. <i>Journal of Climate</i> , 1990, 3, 15-31.	1.2	13
134	Dynamical Downscaling of Future Hydrographic Changes over the Northwest Atlantic Ocean. <i>Journal of Climate</i> , 2020, 33, 2871-2890.	1.2	13
135	Effects of Ekman Transport on the NAO Response to a Tropical Atlantic SST Anomaly. <i>Journal of Climate</i> , 2006, 19, 4803-4818.	1.2	12
136	The relative importance of tropical variability forced from the North Pacific through ocean pathways. <i>Climate Dynamics</i> , 2008, 31, 315-331.	1.7	12
137	Comparing and synthesizing quantitative distribution models and qualitative vulnerability assessments to project marine species distributions under climate change. <i>PLoS ONE</i> , 2020, 15, e0231595.	1.1	12
138	Impact of Annual Cycle on ENSO Variability and Predictability. <i>Journal of Climate</i> , 2021, 34, 171-193.	1.2	12
139	Cool season precipitation projections for California and the Western United States in NA-CORDEX models. <i>Climate Dynamics</i> , 2021, 56, 3081-3102.	1.7	12
140	Projected Shifts in 21st Century Sardine Distribution and Catch in the California Current. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
141	Seasonal Predictability of Sea Ice and Bottom Temperature Across the Eastern Bering Sea Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017545.	1.0	10
142	Relationship between Precipitation in the Great Plains of the United States and Global SSTs: Insights from the IPCC AR4 Models. <i>Journal of Climate</i> , 2010, 23, 2941-2958.	1.2	9
143	Subseasonal-to-Seasonal Forecast Skill in the California Current System and Its Connection to Coastal Kelvin Waves. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	9
144	A linear diagnosis of the coupled extratropical ocean-atmosphere system in the GFDL GCM. <i>Atmospheric Science Letters</i> , 2000, 1, 14-25.	0.8	8

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145	Role of Geostrophic Currents in Future Changes of Coastal Upwelling in the California Current System. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090768.	1.5	8
146	Impaired hatching exacerbates the high CO2 sensitivity of embryonic sand lance <i>Ammodytes dubius</i> . <i>Marine Ecology - Progress Series</i> , 2022, 687, 147-162.	0.9	8
147	Impact of South Pacific Subtropical Dipole Mode on the Equatorial Pacific. <i>Journal of Climate</i> , 2018, 31, 2197-2216.	1.2	7
148	Biennial Variability in an Atmospheric General Circulation Model. <i>Journal of Climate</i> , 1995, 8, 431-440.	1.2	7
149	Projected effects of climate change on <i>Pseudo-nitzschia</i> bloom dynamics in the Gulf of Maine. <i>Journal of Marine Systems</i> , 2022, 230, 103737.	0.9	7
150	Low-frequency variability in the Gulf of Alaska from coarse and eddy-permitting ocean models. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	6
151	Enhancing ENSO Prediction Skill by Combining Model Analog and Linear Inverse Models (MA-LIM). <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085914.	1.5	6
152	Drivers of Subsurface Temperature Variability in the Northern California Current. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016227.	1.0	5
153	The Influence of the Trend, Basin Interactions, and Ocean Dynamics on Tropical Ocean Prediction. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
154	Interactive Visualization of Climate Data on the World Wide Web. <i>Bulletin of the American Meteorological Society</i> , 1997, 78, 1985-1989.	1.7	3
155	Changes in extreme integrated water vapor transport on the U.S. west coast in NA-CORDEX, and relationship to mountain and inland precipitation. <i>Climate Dynamics</i> , 2022, 59, 973-995.	1.7	3
156	Coupled Ocean-Atmosphere Covariances in Global Ensemble Simulations: Impact of an Eddy-Resolving Ocean. <i>Monthly Weather Review</i> , 2021, 149, 1193-1209.	0.5	2