

William W L Cheung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2393379/publications.pdf>

Version: 2024-02-01

86
papers

11,289
citations

47006

47
h-index

54911

84
g-index

90
all docs

90
docs citations

90
times ranked

12344
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential outcomes for COP26. <i>Global Change Biology</i> , 2022, 28, 1-3.	9.5	40
2	Timing and magnitude of climate-driven range shifts in transboundary fish stocks challenge their management. <i>Global Change Biology</i> , 2022, 28, 2312-2326.	9.5	30
3	A quantitative review of abundance-based species distribution models. <i>Ecography</i> , 2022, 2022, .	4.5	37
4	Projecting global mariculture production and adaptation pathways under climate change. <i>Global Change Biology</i> , 2022, 28, 1315-1331.	9.5	12
5	Governing for Transformative Change across the Biodiversity-Climate-Society Nexus. <i>BioScience</i> , 2022, 72, 684-704.	4.9	48
6	Temperature and oxygen supply shape the demersal community in a tropical Oxygen Minimum Zone. <i>Environmental Biology of Fishes</i> , 2022, 105, 1317-1333.	1.0	3
7	Linking observed changes in pelagic catches to temperature and oxygen in the Eastern Tropical Pacific. <i>Fish and Fisheries</i> , 2022, 23, 1371-1382.	5.3	4
8	Energy Flow Through Marine Ecosystems: Confronting Transfer Efficiency. <i>Trends in Ecology and Evolution</i> , 2021, 36, 76-86.	8.7	70
9	Meeting Paris agreement objectives will temper seabird winter distribution shifts in the North Atlantic Ocean. <i>Global Change Biology</i> , 2021, 27, 1457-1469.	9.5	16
10	Enabling conditions for an equitable and sustainable blue economy. <i>Nature</i> , 2021, 591, 396-401.	27.8	108
11	Climate-induced decrease in biomass flow in marine food webs may severely affect predators and ecosystem production. <i>Global Change Biology</i> , 2021, 27, 2608-2622.	9.5	32
12	Protecting the global ocean for biodiversity, food and climate. <i>Nature</i> , 2021, 592, 397-402.	27.8	359
13	Ocean Acidification Amplifies Multi-Stressor Impacts on Global Marine Invertebrate Fisheries. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	7
14	Micronutrient supply from global marine fisheries under climate change and overfishing. <i>Current Biology</i> , 2021, 31, 4132-4138.e3.	3.9	35
15	Compound climate risks threaten aquatic food system benefits. <i>Nature Food</i> , 2021, 2, 673-682.	14.0	48
16	Predicting how climate change threatens the prey base of Arctic marine predators. <i>Ecology Letters</i> , 2021, 24, 2563-2575.	6.4	27
17	Marine high temperature extremes amplify the impacts of climate change on fish and fisheries. <i>Science Advances</i> , 2021, 7, eabh0895.	10.3	70
18	Disentangling diverse responses to climate change among global marine ecosystem models. <i>Progress in Oceanography</i> , 2021, 198, 102659.	3.2	42

#	ARTICLE	IF	CITATIONS
19	Next-generation ensemble projections reveal higher climate risks for marine ecosystems. <i>Nature Climate Change</i> , 2021, 11, 973-981.	18.8	96
20	Persistent Uncertainties in Ocean Net Primary Production Climate Change Projections at Regional Scales Raise Challenges for Assessing Impacts on Ecosystem Services. <i>Frontiers in Climate</i> , 2021, 3, .	2.8	46
21	Modelling ocean acidification effects with life stage-specific responses alters spatiotemporal patterns of catch and revenues of American lobster, <i>Homarus americanus</i> . <i>Scientific Reports</i> , 2021, 11, 23330.	3.3	5
22	Climate change undermines the global functioning of marine food webs. <i>Global Change Biology</i> , 2020, 26, 1306-1318.	9.5	60
23	Contrasting Futures for Australia's Fisheries Stocks Under IPCC RCP8.5 Emissions – A Multi-Ecosystem Model Approach. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	15
24	Climate change, tropical fisheries and prospects for sustainable development. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 440-454.	29.7	136
25	Can we project changes in fish abundance and distribution in response to climate?. <i>Global Change Biology</i> , 2020, 26, 3891-3905.	9.5	25
26	Climate change considerations are fundamental to management of deep-sea resource extraction. <i>Global Change Biology</i> , 2020, 26, 4664-4678.	9.5	65
27	Projecting global mariculture diversity under climate change. <i>Global Change Biology</i> , 2020, 26, 2134-2148.	9.5	25
28	Potential socioeconomic impacts from ocean acidification and climate change effects on Atlantic Canadian fisheries. <i>PLoS ONE</i> , 2020, 15, e0226544.	2.5	23
29	Civil disobedience movements such as School Strike for the Climate are raising public awareness of the climate change emergency. <i>Global Change Biology</i> , 2020, 26, 1042-1044.	9.5	40
30	Marine heatwaves exacerbate climate change impacts for fisheries in the northeast Pacific. <i>Scientific Reports</i> , 2020, 10, 6678.	3.3	121
31	Projecting changes in the distribution and maximum catch potential of warm water fishes under climate change scenarios in the Yellow Sea. <i>Diversity and Distributions</i> , 2020, 26, 806-817.	4.1	11
32	An iron cycle cascade governs the response of equatorial Pacific ecosystems to climate change. <i>Global Change Biology</i> , 2020, 26, 6168-6179.	9.5	25
33	Climate change, shifting threat points, and the management of transboundary fish stocks. <i>Ecology and Society</i> , 2020, 25, .	2.3	17
34	Challenges to transboundary fisheries management in North America under climate change. <i>Ecology and Society</i> , 2020, 25, .	2.3	14
35	Climate impacts on the ocean are making the Sustainable Development Goals a moving target travelling away from us. <i>People and Nature</i> , 2019, 1, 317-330.	3.7	36
36	Effects of climate change and fishing on the Pearl River Estuary ecosystem and fisheries. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 861-875.	4.9	8

#	ARTICLE	IF	CITATIONS
37	Impacts of the Changing Ocean-Sea Ice System on the Key Forage Fish Arctic Cod (<i>Boreogadus Saida</i>) and Subsistence Fisheries in the Western Canadian Arctic—Evaluating Linked Climate, Ecosystem and Economic (CEE) Models. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	43
38	Global ensemble projections reveal trophic amplification of ocean biomass declines with climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12907-12912.	7.1	357
39	Benefits of the Paris Agreement to ocean life, economies, and people. <i>Science Advances</i> , 2019, 5, eaau3855.	10.3	79
40	Potential impacts of climate-related decline of seafood harvest on nutritional status of coastal First Nations in British Columbia, Canada. <i>PLoS ONE</i> , 2019, 14, e0211473.	2.5	25
41	Twenty-first-century climate change impacts on marine animal biomass and ecosystem structure across ocean basins. <i>Global Change Biology</i> , 2019, 25, 459-472.	9.5	151
42	A fuzzy logic expert system for evaluating policy progress towards sustainability goals. <i>Ambio</i> , 2018, 47, 595-607.	5.5	7
43	A rapid assessment of co-benefits and trade-offs among Sustainable Development Goals. <i>Marine Policy</i> , 2018, 93, 223-231.	3.2	278
44	Adaptation strategies to climate change in marine systems. <i>Global Change Biology</i> , 2018, 24, e1-e14.	9.5	91
45	Using fuzzy logic to determine the vulnerability of marine species to climate change. <i>Global Change Biology</i> , 2018, 24, e719-e731.	9.5	58
46	Sound physiological knowledge and principles in modeling shrinking of fishes under climate change. <i>Global Change Biology</i> , 2018, 24, e15-e26.	9.5	170
47	Ocean Solutions to Address Climate Change and Its Effects on Marine Ecosystems. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	248
48	Projected amplification of food web bioaccumulation of MeHg and PCBs under climate change in the Northeastern Pacific. <i>Scientific Reports</i> , 2018, 8, 13460.	3.3	50
49	On confusing cause and effect in the oxygen limitation of fish. <i>Global Change Biology</i> , 2018, 24, e743-e744.	9.5	17
50	A protocol for the intercomparison of marine fishery and ecosystem models: Fish-MIP v1.0. <i>Geoscientific Model Development</i> , 2018, 11, 1421-1442.	3.6	116
51	Opportunities for climate-risk reduction through effective fisheries management. <i>Global Change Biology</i> , 2018, 24, 5149-5163.	9.5	50
52	Preparing ocean governance for species on the move. <i>Science</i> , 2018, 360, 1189-1191.	12.6	260
53	Global estimation of areas with suitable environmental conditions for mariculture species. <i>PLoS ONE</i> , 2018, 13, e0191086.	2.5	63
54	Reconciling fisheries catch and ocean productivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1441-E1449.	7.1	195

#	ARTICLE	IF	CITATIONS
55	Linked sustainability challenges and trade-offs among fisheries, aquaculture and agriculture. <i>Nature Ecology and Evolution</i> , 2017, 1, 1240-1249.	7.8	161
56	Transform high seas management to build climate resilience in marine seafood supply. <i>Fish and Fisheries</i> , 2017, 18, 254-263.	5.3	39
57	Global change in the trophic functioning of marine food webs. <i>PLoS ONE</i> , 2017, 12, e0182826.	2.5	43
58	Observed and Projected Impacts of Climate Change on Marine Fisheries, Aquaculture, Coastal Tourism, and Human Health: An Update. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	129
59	Nutrition: Fall in fish catch threatens human health. <i>Nature</i> , 2016, 534, 317-320.	27.8	445
60	Large benefits to marine fisheries of meeting the 1.5°C global warming target. <i>Science</i> , 2016, 354, 1591-1594.	12.6	191
61	Uncertainties in projecting climate-change impacts in marine ecosystems. <i>ICES Journal of Marine Science</i> , 2016, 73, 1272-1282.	2.5	126
62	Sources of uncertainties in 21st century projections of potential ocean ecosystem stressors. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1224-1243.	4.9	142
63	Projected change in global fisheries revenues under climate change. <i>Scientific Reports</i> , 2016, 6, 32607.	3.3	192
64	Projecting marine fish production and catch potential in Bangladesh in the 21st century under long-term environmental change and management scenarios. <i>ICES Journal of Marine Science</i> , 2016, 73, 1357-1369.	2.5	58
65	Building confidence in projections of the responses of living marine resources to climate change. <i>ICES Journal of Marine Science</i> , 2016, 73, 1283-1296.	2.5	106
66	Winners and losers in a world where the high seas is closed to fishing. <i>Scientific Reports</i> , 2015, 5, 8481.	3.3	118
67	The global ocean is an ecosystem: simulating marine life and fisheries. <i>Global Ecology and Biogeography</i> , 2015, 24, 507-517.	5.8	68
68	Using scenarios to project the changing profitability of fisheries under climate change. <i>Fish and Fisheries</i> , 2015, 16, 603-622.	5.3	48
69	Scaling up experimental ocean acidification and warming research: from individuals to the ecosystem. <i>Global Change Biology</i> , 2015, 21, 130-143.	9.5	148
70	Multi-model ensemble projections of climate change effects on global marine biodiversity. <i>ICES Journal of Marine Science</i> , 2015, 72, 741-752.	2.5	224
71	Is fisheries production within large marine ecosystems determined by bottom-up or top-down forcing?. <i>Fish and Fisheries</i> , 2015, 16, 623-632.	5.3	31
72	Fisheries: Hope or despair?. <i>Marine Pollution Bulletin</i> , 2013, 74, 506-516.	5.0	96

#	ARTICLE	IF	CITATIONS
73	Shrinking of fishes exacerbates impacts of global ocean changes on marine ecosystems. <i>Nature Climate Change</i> , 2013, 3, 254-258.	18.8	527
74	Modelling the effects of climate change on the distribution and production of marine fishes: accounting for trophic interactions in a dynamic bioclimate envelope model. <i>Global Change Biology</i> , 2013, 19, 2596-2607.	9.5	106
75	Governing Marine Fisheries in a Changing Climate: A Gameâ€Theoretic Perspective. <i>Canadian Journal of Agricultural Economics</i> , 2013, 61, 309-334.	2.1	49
76	Signature of ocean warming in global fisheries catch. <i>Nature</i> , 2013, 497, 365-368.	27.8	669
77	Predicting the Impact of Climate Change on Threatened Species in UK Waters. <i>PLoS ONE</i> , 2013, 8, e54216.	2.5	78
78	Climate-change induced tropicalisation of marine communities in Western Australia. <i>Marine and Freshwater Research</i> , 2012, 63, 415.	1.3	89
79	Review of climate change impacts on marine fisheries in the UK and Ireland. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 368-388.	2.0	86
80	Integrating ecophysiology and plankton dynamics into projected maximum fisheries catch potential under climate change in the Northeast Atlantic. <i>ICES Journal of Marine Science</i> , 2011, 68, 1008-1018.	2.5	253
81	Climate change impacts on the biophysics and economics of world fisheries. <i>Nature Climate Change</i> , 2011, 1, 449-456.	18.8	506
82	Largeâ€scale redistribution of maximum fisheries catch potential in the global ocean under climate change. <i>Global Change Biology</i> , 2010, 16, 24-35.	9.5	943
83	Scenarios for Global Biodiversity in the 21st Century. <i>Science</i> , 2010, 330, 1496-1501.	12.6	1,570
84	Signature of climate-induced changes in seafood species served in restaurants. <i>Environmental Biology of Fishes</i> , 0, , 1.	1.0	2
85	A palaeothermometer of ancient Indigenous fisheries reveals increases in mean temperature of the catch over five millennia. <i>Environmental Biology of Fishes</i> , 0, , .	1.0	3
86	Species and Functional Dynamics of the Demersal Fish Community and Responses to Disturbances in the Pearl River Estuary. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	6