

# Stuart Corney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6364034/publications.pdf>

Version: 2024-02-01

26  
papers

2,108  
citations

516710

16  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Newtonian blood flow in human right coronary arteries: steady state simulations. <i>Journal of Biomechanics</i> , 2004, 37, 709-720.	2.1	536
2	Climate change and Southern Ocean ecosystems I: how changes in physical habitats directly affect marine biota. <i>Global Change Biology</i> , 2014, 20, 3004-3025.	9.5	448
3	Non-Newtonian blood flow in human right coronary arteries: Transient simulations. <i>Journal of Biomechanics</i> , 2006, 39, 1116-1128.	2.1	257
4	Food production shocks across land and sea. <i>Nature Sustainability</i> , 2019, 2, 130-137.	23.7	187
5	Tracking of marine predators to protect Southern Ocean ecosystems. <i>Nature</i> , 2020, 580, 87-92.	27.8	156
6	Performance of an empirical bias correction of a high-resolution climate dataset. <i>International Journal of Climatology</i> , 2014, 34, 2189-2204.	3.5	63
7	Connecting to the oceans: supporting ocean literacy and public engagement. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 123-143.	4.9	63
8	Circumpolar projections of Antarctic krill growth potential. <i>Nature Climate Change</i> , 2020, 10, 568-575.	18.8	54
9	On regional dynamical downscaling for the assessment and projection of temperature and precipitation extremes across Tasmania, Australia. <i>Climate Dynamics</i> , 2013, 41, 3145-3165.	3.8	45
10	Sustained Upwelling of Subsurface Iron Supplies Seasonally Persistent Phytoplankton Blooms Around the Southern Kerguelen Plateau, Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5986-6003.	2.6	40
11	A Synergistic Approach for Evaluating Climate Model Output for Ecological Applications. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	37
12	High-resolution projections of surface water availability for Tasmania, Australia. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1287-1303.	4.9	30
13	Under ice habitats for Antarctic krill larvae: Could less mean more under climate warming?. <i>Geophysical Research Letters</i> , 2016, 43, 10,322.	4.0	29
14	Global Connectivity of Southern Ocean Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	28
15	Finding mesopelagic prey in a changing Southern Ocean. <i>Scientific Reports</i> , 2019, 9, 19013.	3.3	20
16	Modelled mid-trophic pelagic prey fields improve understanding of marine predator foraging behaviour. <i>Ecography</i> , 2020, 43, 1014-1026.	4.5	19
17	Overwinter sea-ice characteristics important for Antarctic krill recruitment in the southwest Atlantic. <i>Ecological Indicators</i> , 2021, 129, 107934.	6.3	17
18	Using satellite altimetry to inform hypotheses of transport of early life stage of Patagonian toothfish on the Kerguelen Plateau. <i>Ecological Modelling</i> , 2016, 340, 45-56.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Ocean circulation and frontal structure near the southern Kerguelen Plateau: The physical context for the Kerguelen Axis ecosystem study. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 174, .	1.4	12
20	Modelling dispersal of juvenile krill released from the Antarctic ice edge: Ecosystem implications of ocean movement. <i>Journal of Marine Systems</i> , 2019, 189, 50-61.	2.1	10
21	Modeling Antarctic Krill Circumpolar Spawning Habitat Quality to Identify Regions With Potential to Support High Larval Production. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091206.	4.0	10
22	Warming world, changing ocean: mitigation and adaptation to support resilient marine systems. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 39-63.	4.9	10
23	Habitat model forecasts suggest potential redistribution of marine predators in the southern Indian Ocean. <i>Diversity and Distributions</i> , 2022, 28, 142-159.	4.1	10
24	A biologically relevant method for considering patterns of oceanic retention in the Southern Ocean. <i>Progress in Oceanography</i> , 2017, 159, 1-12.	3.2	5
25	Abrupt transitions in dynamics of a NPZD model across Southern Ocean fronts. <i>Ecological Modelling</i> , 2017, 359, 372-382.	2.5	5
26	Spatially explicit food web modelling to consider fisheries impacts and ecosystem representation within Marine Protected Areas on the Kerguelen Plateau. <i>ICES Journal of Marine Science</i> , 2022, 79, 1327-1339.	2.5	4