Cascade J B Sorte

List of Publications by Year
in descending order

36 papers	7,194 citations	331538 21 h-index	360920 35 g-index
36 all docs	36 docs citations	36 times ranked	11889 citing authors

#	Article	IF	Citations
1	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. Science, 2017, 355, .	6.0	2,026
2	The impacts of climate change in coastal marine systems. Ecology Letters, 2006, 9, 228-241.	3.0	1,997
3	Global threats from invasive alien species in the twenty-first century and national response capacities. Nature Communications, 2016, 7, 12485.	5.8	808
4	Marine range shifts and species introductions: comparative spread rates and community impacts. Global Ecology and Biogeography, 2010, 19, 303-316.	2.7	443
5	Poised to prosper? A crossâ€system comparison of climate change effects on native and nonâ€native species performance. Ecology Letters, 2013, 16, 261-270.	3.0	256
6	Ocean warming increases threat of invasive species in a marine fouling community. Ecology, 2010, 91, 2198-2204.	1.5	182
7	Temperature Tolerance and Stress Proteins as Mechanisms of Invasive Species Success. PLoS ONE, 2011, 6, e14806.	1.1	171
8	Managing consequences of climateâ€driven species redistribution requires integration of ecology, conservation and social science. Biological Reviews, 2018, 93, 284-305.	4.7	154
9	Disentangling the abundanceâ€“impact relationship for invasive species. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9919-9924.	3.3	151
10	Adjusting the lens of invasion biology to focus on the impacts of climate-driven range shifts. Nature Climate Change, 2020, 10, 398-405.	8.1	116
11	Geographical range, heat tolerance and invasion success in aquatic species. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131958.	1.2	109
12	Longâ€term declines in an intertidal foundation species parallel shifts in community composition. Global Change Biology, 2017, 23, 341-352.	4.2	105
13	The weakest link: sensitivity to climate extremes across life stages of marine invertebrates. Oikos, 2019, 128, 621-629.	1.2	93
14	Thermotolerance and heat-shock protein expression in Northeastern Pacific Nucella species with different biogeographical ranges. Marine Biology, 2005, 146, 985-993.	0.7	79
15	Impacts of a simulated heat wave on composition of a marine community. Oikos, 2010, 119, 1909-1918.	1.2	68
16	Space to invade? Comparative range infilling and potential range of invasive and native plants. Global Ecology and Biogeography, 2015, 24, 348-359.	2.7	53
17	Going with the flow: the role of ocean circulation in global marine ecosystems under a changing climate. Global Change Biology, 2017, 23, 2602-2617.	4.2	52
18	InvasiBES: Understanding and managing the impacts of Invasive alien species on Biodiversity and Ecosystem Services. NeoBiota, 0, 50, 109-122.	1.0	45

#	Article	IF	Citations
19	Predicting persistence in a changing climate: flow direction and limitations to redistribution. Oikos, 2013, 122, 161-170.	1.2	41
20	Biophysical feedbacks mediate carbonate chemistry in coastal ecosystems across spatiotemporal gradients. Scientific Reports, 2018, 8, 796.	1.6	37
21	Elemental Fingerprinting of Mussel Shells to Predict Population Sources and Redistribution Potential in the Gulf of Maine. PLoS ONE, 2013, 8, e80868.	1.1	35
22	Thermal tolerance limits as indicators of current and future intertidal zonation patterns in a diverse mussel guild. Marine Biology, 2019, 166, 1.	0.7	25
23	Global environmental changes more frequently offset than intensify detrimental effects of biological invasions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	25
24	Understanding the combined impacts of weeds and climate change on crops. Environmental Research Letters, 2021, 16, 034043.	2.2	22
25	Warming and Elevated CO2 Interact to Drive Rapid Shifts in Marine Community Production. PLoS ONE, 2015, 10, e0145191.	1.1	18
26	Predicting persistence in benthic marine species with complex life cycles: linking dispersal dynamics to redistribution potential and thermal tolerance limits. Marine Biology, 2018, 165, 1.	0.7	16
27	Competitive and demographic leverage points of community shifts under climate warming. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130572.	1.2	14
28	Primary producers may ameliorate impacts of daytime CO₂ addition in a coastal marine ecosystem. PeerJ, 2018, 6, e4739.	0.9	11
29	Impact assessment of coastal marine range shifts to support proactive management. Frontiers in Ecology and the Environment, 2022, 20, 161-169.	1.9	10
30	Community regulation models as a framework for direct and indirect effects of climate change on species distributions. Ecosphere, 2019, 10, e02790.	1.0	9
31	Negative carryâ€over effects on larval thermal tolerances across a natural thermal gradient. Ecology, 2022, 103, e03565.	1.5	8
32	A Hierarchical Mentoring Program Increases Confidence and Effectiveness in Data Analysis and Interpretation for Undergraduate Biology Students. CBE Life Sciences Education, 2020, 19, ar23.	1.1	4
33	Accounting for variation in temperature and oxygen availability when quantifying marine ecosystem metabolism. Scientific Reports, 2022, 12, 825.	1.6	4
34	Dynamic species interactions associated with the range-shifting marine gastropod Mexacanthina lugubris. Oecologia, 2022, 198, 749-761.	0.9	4
35	Spatial and temporal scales of exposure and sensitivity drive mortality risk patterns across life stages. Ecosphere, 2021, 12, e03552.	1.0	2
36	Susan Lynn Williams: the Life of an Exceptional Scholar, Leader, and Friend (1951â€“2018). Estuaries and Coasts, 2021, 44, 304-311.	1.0	1