

K A S Mislán

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2759187/publications.pdf>

Version: 2024-02-01

19
papers

1,088
citations

567281

15
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

1688
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensification of open-ocean oxygen depletion by vertically migrating animals. <i>Nature Geoscience</i> , 2013, 6, 545-548.	12.9	209
2	Organismal climatology: analyzing environmental variability at scales relevant to physiological stress. <i>Journal of Experimental Biology</i> , 2010, 213, 995-1003.	1.7	185
3	Ocean deoxygenation and zooplankton: Very small oxygen differences matter. <i>Science Advances</i> , 2018, 4, eaau5180.	10.3	87
4	Global patterns of diel vertical migration times and velocities from acoustic data. <i>Limnology and Oceanography</i> , 2016, 61, 353-364.	3.1	81
5	Predator-prey interactions under climate change: the importance of habitat vs body temperature. <i>Oikos</i> , 2009, 118, 219-224.	2.7	76
6	Long-term, high frequency in situ measurements of intertidal mussel bed temperatures using biomimetic sensors. <i>Scientific Data</i> , 2016, 3, 160087.	5.3	69
7	Elevating The Status of Code in Ecology. <i>Trends in Ecology and Evolution</i> , 2016, 31, 4-7.	8.7	62
8	When to worry about the weather: role of tidal cycle in determining patterns of risk in intertidal ecosystems. <i>Global Change Biology</i> , 2009, 15, 3056-3065.	9.5	55
9	Predicting intertidal organism temperatures with modified land surface models. <i>Ecological Modelling</i> , 2011, 222, 3568-3576.	2.5	42
10	Geographical variation in climatic sensitivity of intertidal mussel zonation. <i>Global Ecology and Biogeography</i> , 2014, 23, 744-756.	5.8	38
11	Projections of climate-driven changes in tuna vertical habitat based on species-specific differences in blood oxygen affinity. <i>Global Change Biology</i> , 2017, 23, 4019-4028.	9.5	33
12	A biophysical basis for patchy mortality during heat waves. <i>Ecology</i> , 2015, 96, 902-907.	3.2	29
13	Thermal tolerance limits as indicators of current and future intertidal zonation patterns in a diverse mussel guild. <i>Marine Biology</i> , 2019, 166, 1.	1.5	25
14	Gridded meteorological data as a resource for mechanistic macroecology in coastal environments. , 2011, 21, 2678-2690.		24
15	Group behavior among model bacteria influences particulate carbon remineralization depths. <i>Journal of Marine Research</i> , 2014, 72, 183-218.	0.3	21
16	Spatial variability of emergence, splash, surge, and submergence in wave-exposed rocky-shore ecosystems. <i>Limnology and Oceanography</i> , 2011, 56, 857-866.	3.1	19
17	ENSO drives near-surface oxygen and vertical habitat variability in the tropical Pacific. <i>Environmental Research Letters</i> , 2019, 14, 064020.	5.2	13
18	Survival and behaviour of juvenile red rock lobster, <i>Jasus edwardsii</i> , on rocky reefs with varying predation pressure and habitat complexity. <i>Marine and Freshwater Research</i> , 2008, 59, 246.	1.3	12

#	ARTICLE	IF	CITATIONS
19	The fundamental niche of blood oxygen binding in the pelagic ocean. <i>Oikos</i> , 2016, 125, 938-949.	2.7	8