Alexandra Steckbauer

List of Publications by Year
in descending order

15 papers	1,135 citations	933447 10 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1745 citing authors

#	Article	IF	Citations
1	In situ monitoring reveals cellular environmental instabilities in human pluripotent stem cell culture. Communications Biology, 2022, 5, 119.	4.4	13
2	Toward Best Practices for Controlling Mammalian Cell Culture Environments. Frontiers in Cell and Developmental Biology, 2022, 10, 788808.	3.7	8
3	A prevalent neglect of environmental control in mammalian cell culture calls for best practices. Nature Biomedical Engineering, 2021, 5, 787-792.	22.5	24
4	Defining CO₂ and O₂ syndromes of marine biomes in the Anthropocene. Global Change Biology, 2020, 26, 355-363.	9.5	15
5	Additive impacts of deoxygenation and acidification threaten marine biota. Global Change Biology, 2020, 26, 5602-5612.	9.5	28
6	Variable metabolic responses of Skagerrak invertebrates to low O₂ and high CO₂ scenarios. Biogeosciences, 2018, 15, 3717-3729.	3.3	6
7	Predator Avoidance in the European Seabass After Recovery From Short-Term Hypoxia and Different CO2 Conditions. Frontiers in Marine Science, 2018, 5, .	2.5	3
8	Temperature dependence of plankton community metabolism in the subtropical and tropical oceans. Global Biogeochemical Cycles, 2017, 31, 1141-1154.	4.9	12
9	Effects of UVB radiation on net community production in the upper global ocean. Global Ecology and Biogeography, 2017, 26, 54-64.	5.8	17
10	Synergistic effects of hypoxia and increasing CO2 on benthic invertebrates of the central Chilean coast. Frontiers in Marine Science, 2015, 2, .	2.5	31
11	Resistance of juveniles of the Mediterranean pen shell, (Pinna nobilis) to hypoxia and interaction with warming. Estuarine, Coastal and Shelf Science, 2015, 165, 199-203.	2.1	10
12	Biological mechanisms supporting adaptation to ocean acidification in coastal ecosystems. Estuarine, Coastal and Shelf Science, 2015, 152, A1-A8.	2.1	105
13	Effect of hypoxia and anoxia on invertebrate behaviour: ecological perspectives from species to community level. Biogeosciences, 2014, 11, 1491-1518.	3.3	84
14	Photosynthetic activity buffers ocean acidification in seagrass meadows. Biogeosciences, 2014, 11, 333-346.	3.3	218
15	Is Ocean Acidification an Open-Ocean Syndrome? Understanding Anthropogenic Impacts on Seawater pH. Estuaries and Coasts, 2013, 36, 221-236.	2.2	561