Andrew K Sweetman

List of Publications by Year
in descending order

24 papers	2,336 citations	471509 17 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	2598 citing authors

#	Article	IF	Citations
1	Antarctic ecosystem responses following iceâ€shelf collapse and iceberg calving: Science review and future research. Wiley Interdisciplinary Reviews: Climate Change, 2021, 12, .	8.1	25
2	Relationships between biodiversity and ecosystem functioning proxies strengthen when approaching chemosynthetic deep-sea methane seeps. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210950.	2.6	5
3	Active Ecological Restoration of Cold-Water Corals: Techniques, Challenges, Costs and Future Directions. Frontiers in Marine Science, 2021, 8, .	2.5	11
4	Abyssal food-web model indicates faunal carbon flow recovery and impaired microbial loop 26Âyears after a sediment disturbance experiment. Progress in Oceanography, 2020, 189, 102446.	3.2	26
5	Climate change considerations are fundamental to management of deepâ€sea resource extraction. Global Change Biology, 2020, 26, 4664-4678.	9.5	65
6	Benthic and Demersal Scavenger Biodiversity in the Eastern End of the Clarion-Clipperton Zone â€“ An Area Marked for Polymetallic Nodule Mining. Frontiers in Marine Science, 2020, 7, .	2.5	16
7	Climateâ€induced changes in the suitable habitat of coldâ€water corals and commercially important deepâ€sea fishes in the North Atlantic. Global Change Biology, 2020, 26, 2181-2202.	9.5	109
8	The deep sea: The new frontier for ecological restoration. Marine Policy, 2019, 108, 103642.	3.2	48
9	Key role of bacteria in the shortâ€term cycling of carbon at the abyssal seafloor in a low particulate organic carbon flux region of the eastern Pacific Ocean. Limnology and Oceanography, 2019, 64, 694-713.	3.1	50
10	Potential Mitigation and Restoration Actions in Ecosystems Impacted by Seabed Mining. Frontiers in Marine Science, 2018, 5, .	2.5	48
11	Has Phytodetritus Processing by an Abyssal Soft-Sediment Community Recovered 26 Years after an Experimental Disturbance?. Frontiers in Marine Science, 2018, 5, .	2.5	16
12	Abyssal plain faunal carbon flows remain depressed 26 years after a simulated deep-sea mining disturbance. Biogeosciences, 2018, 15, 4131-4145.	3.3	49
13	Recovery of Holothuroidea population density, community composition, and respiration activity after a deepâ€sea disturbance experiment. Limnology and Oceanography, 2018, 63, 2140-2153.	3.1	13
14	Metabolic rates are significantly lower in abyssal Holothuroidea than in shallow-water Holothuroidea. Royal Society Open Science, 2018, 5, 172162.	2.4	15
15	Impaired Short-Term Functioning of a Benthic Community from a Deep Norwegian Fjord Following Deposition of Mine Tailings and Sediments. Frontiers in Marine Science, 2017, 4, .	2.5	19
16	Biological responses to disturbance from simulated deep-sea polymetallic nodule mining. PLoS ONE, 2017, 12, e0171750.	2.5	222
17	Major impacts of climate change on deep-sea benthic ecosystems. Elementa, 2017, 5, .	3.2	252
18	Jellyfish decomposition at the seafloor rapidly alters biogeochemical cycling and carbon flow through benthic foodâ€webs. Limnology and Oceanography, 2016, 61, 1449-1461.	3.1	33

#	Article	IF	Citations
19	Defining â€œserious harmâ€•to the marine environment in the context of deep-seabed mining. Marine Policy, 2016, 74, 245-259.	3.2	213
20	A Call for Deep-Ocean Stewardship. Science, 2014, 344, 696-698.	12.6	245
21	Benthic ecosystem functioning beneath fish farms in different hydrodynamic environments. Limnology and Oceanography, 2014, 59, 1139-1151.	3.1	40
22	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	5.6	194
23	Trophic Structure and Community Stability in an Overfished Ecosystem. Science, 2010, 329, 333-336.	12.6	111
24	Abyssal food limitation, ecosystem structure and climate change. Trends in Ecology and Evolution, 2008, 23, 518-528.	8.7	511