Adrian G Glover

List of Publications by Year
in descending order

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93	3,702	117453	155451
papers	citations	34 h-index	55 g-index

101	101	101	3007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The deep-sea floor ecosystem: current status and prospects of anthropogenic change by the year 2025. Environmental Conservation, 2003, 30, 219-241.	0.7	249
2	Whale-Fall Ecosystems: Recent Insights into Ecology, Paleoecology, and Evolution. Annual Review of Marine Science, 2015, 7, 571-596.	5.1	174
3	Insights into the abundance and diversity of abyssal megafauna in a polymetallic-nodule region in the eastern Clarion-Clipperton Zone. Scientific Reports, 2016, 6, 30492.	1.6	173
4	Polychaete species diversity in the central Pacific abyss: local and regional patterns, and relationships with productivity. Marine Ecology - Progress Series, 2002, 240, 157-170.	0.9	151
5	World-wide whale worms? A new species of Osedax from the shallow north Atlantic. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2587-2592.	1.2	145
6	New Perspectives on the Ecology and Evolution of Siboglinid Tubeworms. PLoS ONE, 2011, 6, e16309.	1.1	137
7	Climate Change and Biosphere Response: Unlocking the Collections Vault. BioScience, 2011, 61, 147-153.	2.2	111
8	Biodiversity of macrofaunal assemblages from three Portuguese submarine canyons (NE Atlantic). Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2433-2447.	0.6	92
9	Distribution and spatial variation of hydrothermal faunal assemblages at Lucky Strike (Mid-Atlantic) Tj ETQq1 1 0.784314 rgBT /Overlo Research Papers, 2009, 56, 2026-2040.	0.6	83
10	An End-to-End DNA Taxonomy Methodology for Benthic Biodiversity Survey in the Clarion-Clipperton Zone, Central Pacific Abyss. Journal of Marine Science and Engineering, 2016, 4, 2.	1.2	81
11	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. Marine Biology, 2013, 160, 2295-2317.	0.7	79
12	DNA barcoding uncovers cryptic diversity in 50% of deep-sea Antarctic polychaetes. Royal Society Open Science, 2016, 3, 160432.	1.1	76
13	Patterns in polychaete abundance and diversity from the Madeira Abyssal Plain, northeast Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2001, 48, 217-236.	0.6	68
14	Three new species of Ophryotrocha (Annelida: Dorvilleidae) from a whale-fall in the North-East Atlantic. Zootaxa, 2009, 2228, 43-56.	0.2	65
15	Hydrothermal faunal assemblages and habitat characterisation at the Eiffel Tower edifice (Lucky) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	65
16	Community dynamics over 14 years at the Eiffel Tower hydrothermal edifice on the Midâ€Atlantic Ridge. Limnology and Oceanography, 2011, 56, 1624-1640.	1.6	64
17	Morphology, reproductive biology and genetic structure of the whale-fall and hydrothermal vent specialist, Bathykurila guaymasensisPettibone, 1989 (Annelida: Polynoidae). Marine Ecology, 2005, 26, 223-234.	0.4	58
18	Managing a sustainable deep-sea â€˜blue economyâ€™ requires knowledge of what actually lives there. ELife, 2018, 7, .	2.8	58

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19	The discovery of a natural whale fall in the Antarctic deep sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 92, 87-96.	0.6	54
20	A chemosynthetic weed: the tubeworm Sclerolinum contortum is a bipolar, cosmopolitan species. BMC Evolutionary Biology, 2015, 15, 280.	3.2	54
21	Bones as biofuel: a review of whale bone composition with implications for deep-sea biology and palaeoanthropology. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 9-17.	1.2	50
22	Impact of large-scale natural physical disturbance on the diversity of deep-sea North Atlantic nematodes. Marine Ecology - Progress Series, 2001, 214, 121-126.	0.9	49
23	Bone-eating worms from the Antarctic: the contrasting fate of whale and wood remains on the Southern Ocean seafloor. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131390.	1.2	48
24	Cryptic speciation at organic-rich marine habitats: a new bacteriovore annelid from whale-fall and fish farms in the North-East Atlantic. Zoological Journal of the Linnean Society, 2009, 155, 774-785.	1.0	47
25	High symbiont diversity in the boneâ€eating worm Osedax mucofloris from shallow whaleâ€falls in the North Atlantic. Environmental Microbiology, 2010, 12, 2355-2370.	1.8	47
26	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Cnidaria. Biodiversity Data Journal, 2016, 4, e9277.	0.4	46
27	The near future of the deep-sea floor ecosystems. , 2008, , 334-350.		45
28	Disturbance, productivity and diversity in deep-sea canyons: A worm's eye view. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2448-2460.	0.6	44
29	Systematics and biodiversity ofOphryotrocha(Annelida, Dorvilleidae) with descriptions of six new species from deep-sea whale-fall and wood-fall habitats in the north-east Pacific. Systematics and Biodiversity, 2012, 10, 243-259.	0.5	44
30	Macrofaunal abundance and composition on the West Antarctic Peninsula continental shelf: Evidence for a sediment â€˜food bankâ€™ and similarities to deep-sea habitats. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2491-2501.	0.6	42
31	A census of abyssal polychaetes. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 1739-1746.	0.6	42
32	Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 2465-2477.	0.6	40
33	Bone-Boring Worms: Characterizing the Morphology, Rate, and Method of Bioerosion by Osedax mucofloris (Annelida, Siboglinidae). Biological Bulletin, 2011, 221, 307-316.	0.7	40
34	A new genus and species of abyssal sponge commonly encrusting polymetallic nodules in the Clarion-Clipperton Zone, East Pacific Ocean. Systematics and Biodiversity, 2017, 15, 507-519.	0.5	40
35	Access to Marine Genetic Resources (MGR): Raising Awareness of Best-Practice Through a New Agreement for Biodiversity Beyond National Jurisdiction (BBNJ). Frontiers in Marine Science, 2019, 6, .	1.2	40
36	Fauna of whale falls: systematics and ecology of a new polychaete (Annelida: Chrysopetalidae) from the deep Pacific Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2004, 51, 1873-1887.	0.6	39

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37	Significant taxon sampling gaps in DNA databases limit the operational use of marine macrofauna metabarcoding. Marine Biodiversity, 2020, 50, 1.	0.3	38
38	Abyssal fauna of the UK-1 polymetallic nodule exploration claim, Clarion-Clipperton Zone, central Pacific Ocean: Echinodermata. Biodiversity Data Journal, 2016, 4, e7251.	0.4	38
39	Implications of population connectivity studies for the design of marine protected areas in the deep sea: An example of a demosponge from the Clarionâ€Clipperton Zone. Molecular Ecology, 2018, 27, 4657-4679.	2.0	37
40	Environment, ecology, and potential effectiveness of an area protected from deep-sea mining (Clarion) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	36
41	The macro- and megabenthic fauna on the continental shelf of the eastern Amundsen Sea, Antarctica. Continental Shelf Research, 2013, 68, 80-90.	0.9	34
42	Genetic connectivity from the Arctic to the Antarctic: Sclerolinum contortum and Nicomache lokii (Annelida) are both widespread in reducing environments. Scientific Reports, 2018, 8, 4810.	1.6	33
43	Patterns of Macrofaunal Biodiversity Across the Clarion-Clipperton Zone: An Area Targeted for Seabed Mining. Frontiers in Marine Science, 2021, 8, .	1.2	33
44	Identification of fossil worm tubes from Phanerozoic hydrothermal vents and cold seeps. Journal of Systematic Palaeontology, 2019, 17, 287-329.	0.6	30
45	Using Habitat Classification to Assess Representativity of a Protected Area Network in a Large, Data-Poor Area Targeted for Deep-Sea Mining. Frontiers in Marine Science, 2020, 7, .	1.2	30
46	Two new Antarctic Ophryotrocha (Annelida: Dorvilleidae) described from shallow-water whale bones. Polar Biology, 2013, 36, 1031-1045.	0.5	29
47	Abyssal fauna of polymetallic nodule exploration areas, eastern Clarion-Clipperton Zone, central Pacific Ocean: Annelida: Capitellidae, Opheliidae, Scalibregmatidae, and Travisiidae. ZooKeys, 2019, 883, 1-82.	0.5	29
48	On the role of bone-eating worms in the degradation of marine vertebrate remains. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1959-1961.	1.2	27
49	A new species of Aurospio (Polychaeta, Spionidae) from the Antarctic shelf, with analysis of its ecology, reproductive biology and evolutionary history. Marine Ecology, 2009, 30, 181-197.	0.4	27
50	Macrofaunal abundance and community composition at lower bathyal depths in different branches of the Whittard Canyon and on the adjacent slope (3500 m; NE Atlantic). Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 97, 29-39.	0.6	26
51	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Mollusca. ZooKeys, 2017, 707, 1-46.	0.5	23
52	Perspectives In Visual Imaging for Marine Biology and Ecology: From Acquisition to Understanding. Oceanography and Marine Biology, 2016, , 1-73.	1.0	21
53	Burrow forms, growth rates and feeding rates of wood-boring Xylophagaidae bivalves revealed by micro-computed tomography. Frontiers in Marine Science, 2015, 2, .	1.2	20
54	New Prionospio and Aurospio Species from the Deep Sea (Annelida: Polychaeta). Zootaxa, 2016, 4092, 1.	0.2	20

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55	The history of life at hydrothermal vents. Earth-Science Reviews, 2021, 217, 103602.	4.0	20
56	Molecular taxonomy of Osedax (Annelida: Siboglinidae) in the Southern Ocean. Zoologica Scripta, 2014, 43, 405-417.	0.7	19
57	Comparative marine biodiversity and depth zonation in the Southern Ocean: evidence from a new large polychaete dataset from Scotia and Amundsen seas. Marine Biodiversity, 2018, 48, 581-601.	0.3	19
58	Micro-CT 3D imaging reveals the internal structure of three abyssal xenophyophore species (Protista,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	18
59	The Potent Respiratory System of Osedax mucofloris (Siboglinidae, Annelida) - A Prerequisite for the Origin of Bone-Eating Osedax?. PLoS ONE, 2012, 7, e35975.	1.1	17
60	Data are inadequate to test whale falls as chemosynthetic stepping-stones using network analysis: faunal overlaps do support a stepping-stone role. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171281.	1.2	17
61	Distributional Patterns of Polychaetes Across the West Antarctic Based on DNA Barcoding and Particle Tracking Analyses. Frontiers in Marine Science, 2017, 4, .	1.2	16
62	Observations of fauna attending wood and bone deployments from two seamounts on the Southwest Indian Ridge. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 136, 122-132.	0.6	15
63	Fauna of the Kemp Caldera and its upper bathyal hydrothermal vents (South Sandwich Arc,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.1	15
64	Evidence of Vent-Adaptation in Sponges Living at the Periphery of Hydrothermal Vent Environments: Ecological and Evolutionary Implications. Frontiers in Microbiology, 2020, 11, 1636.	1.5	15
65	Polychaete species diversity on the West Antarctic Peninsula deep continental shelf. Marine Ecology - Progress Series, 2011, 428, 119-134.	0.9	15
66	Polynoid polychaetes of the Mid-Atlantic Ridge and a new holothurian association. Marine Biology Research, 2013, 9, 547-553.	0.3	14
67	Benthic polychaete diversity patterns and community structure in the Whittard Canyon system and adjacent slope (NE Atlantic). Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 106, 42-54.	0.6	14
68	Taxonomy and phylogeny of mud owls (Annelida: Sternaspidae), including a new synonymy and new records from the Southern Ocean, North East Atlantic Ocean and Pacific Ocean: challenges in morphological delimitation. Marine Biodiversity, 2019, 49, 2659-2697.	0.3	14
69	The identity of juvenile Polynoidae (Annelida) in the Southern Ocean revealed by DNA taxonomy, with notes on the status of Herdmanella gracilis Ehlers sensu Augener. Memoirs of Museum Victoria, 2014, 71, 203-216.	0.6	14
70	The morphological diversity of Osedax worm borings (Annelida: Siboglinidae). Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 1429-1439.	0.4	13
71	Geochemistry, faunal composition and trophic structure in reducing sediments on the southwest South Georgia margin. Royal Society Open Science, 2016, 3, 160284.	1.1	13
72	Chiridota hehevaâ€”the cosmopolitan holothurian. Marine Biodiversity, 2020, 50, 1.	0.3	13

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73	Biogeography and Connectivity Across Habitat Types and Geographical Scales in Pacific Abyssal Scavenging Amphipods. Frontiers in Marine Science, 2021, 8, .	1.2	12
74	Neanthes goodayi sp. nov. (Annelida, Nereididae), a remarkable new annelid species living inside deep-sea polymetallic nodules. European Journal of Taxonomy, 0, 760, 160-185.	0.6	12
75	Evidence ofOsedaxworm borings in Pliocene (âˆ¼3ÂMa) whale bone from the Mediterranean. Historical Biology, 2011, , 1-9.	0.7	11
76	Macrofaunal Ecology of Sedimented Hydrothermal Vents in the Bransfield Strait, Antarctica. Frontiers in Marine Science, 2016, 3, .	1.2	11
77	Hydrothermal activity lowers trophic diversity in Antarctic hydrothermal sediments. Biogeosciences, 2017, 14, 5705-5725.	1.3	10
78	The London Workshop on the Biogeography and Connectivity of the Clarion-Clipperton Zone. Research Ideas and Outcomes, 0, 2, .	1.0	9
79	ï»¿Benthic megafauna of the western Clarion-Clipperton Zone, Pacific Ocean. ZooKeys, 0, 1113, 1-110.	0.5	9
80	Molluscs from a shallow-water whale-fall and their affinities with adjacent benthic communities on the Swedish west coast. Marine Biology Research, 2014, 10, 3-16.	0.3	8
81	Body size response of abyssal polychaetes to different nutrient regimes. Scientia Marina, 2006, 70, 319-330.	0.3	8
82	Microbial-tubeworm associations in a 440 million year old hydrothermal vent community. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182004.	1.2	7
83	Biodiversity data and new species descriptions of polychaetes from offshore waters of the Falkland Islands, an area undergoing hydrocarbon exploration. ZooKeys, 2020, 938, 1-86.	0.5	7
84	Benthic carbon fixation and cycling in diffuse hydrothermal and background sediments in the Bransfield Strait, Antarctica. Biogeosciences, 2020, 17, 1-12.	1.3	6
85	Amundsen Sea Mollusca from the BIOPEARL II expedition. ZooKeys, 2013, 294, 1-8.	0.5	5
86	Macrofaunal nematodes of the deep Whittard Canyon (<scp>NE</scp> Atlantic): assemblage characteristics and comparison with polychaetes. Marine Ecology, 2017, 38, e12408.	0.4	4
87	Sulfur isotopes of hydrothermal vent fossils and insights into microbial sulfur cycling within a lower Paleozoic (Ordovicianâ€early Silurian) vent community. Geobiology, 2022, 20, 465-478.	1.1	4
88	Mitochondrial genome and polymorphic microsatellite markers from the abyssal sponge Plenaster craigi Lim & Wiklund, 2017: tools for understanding the impact of deep-sea mining. Marine Biodiversity, 2018, 48, 621-630.	0.3	3
89	Annelid Fauna of the Prince Gustav Channel, a Previously Ice-Covered Seaway on the Northeastern Antarctic Peninsula. Frontiers in Marine Science, 2021, 7, .	1.2	3
90	A Swedish subfossil find of a bowhead whale from the late Pleistocene: shore displacement, paleoecology in south-west Sweden and the identity of the Swedenborg whale (Balaena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (sv		

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91	School Administratorsâ€™ Attitudes Toward the School Breakfast Program. Journal of Hunger and Environmental Nutrition, 2020, 15, 210-219.	1.1	1
92	Correction for Higgs et al. , Bones as biofuel: a review of whale bone composition with implications for deep-sea biology and palaeoanthropology. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 960-960.	1.2	0
93	Carbon processing by the benthic ecosystem and benthic C fixation in methane-rich sediments on the South Georgia margin. Antarctic Science, 2019, 31, 59-68.	0.5	0