

# Adrian G Glover

## List of Publications by Year in descending order

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93  
papers

3,702  
citations

117453

34  
h-index

155451

55  
g-index

101  
all docs

101  
docs citations

101  
times ranked

3007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur isotopes of hydrothermal vent fossils and insights into microbial sulfur cycling within a lower Paleozoic (Ordovician–early Silurian) vent community. <i>Geobiology</i> , 2022, 20, 465-478.	1.1	4
2	Annelid Fauna of the Prince Gustav Channel, a Previously Ice-Covered Seaway on the Northeastern Antarctic Peninsula. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	3
3	Patterns of Macrofaunal Biodiversity Across the Clarion-Clipperton Zone: An Area Targeted for Seabed Mining. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	33
4	The history of life at hydrothermal vents. <i>Earth-Science Reviews</i> , 2021, 217, 103602.	4.0	20
5	Biogeography and Connectivity Across Habitat Types and Geographical Scales in Pacific Abyssal Scavenging Amphipods. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	12
6	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
7	School Administratorsâ€™ Attitudes Toward the School Breakfast Program. <i>Journal of Hunger and Environmental Nutrition</i> , 2020, 15, 210-219.	1.1	1
8	Evidence of Vent-Adaptation in Sponges Living at the Periphery of Hydrothermal Vent Environments: Ecological and Evolutionary Implications. <i>Frontiers in Microbiology</i> , 2020, 11, 1636.	1.5	15
9	Significant taxon sampling gaps in DNA databases limit the operational use of marine macrofauna metabarcoding. <i>Marine Biodiversity</i> , 2020, 50, 1.	0.3	38
10	Using Habitat Classification to Assess Representativity of a Protected Area Network in a Large, Data-Poor Area Targeted for Deep-Sea Mining. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	30
11	Chiridota hehevaâ€”the cosmopolitan holothurian. <i>Marine Biodiversity</i> , 2020, 50, 1.	0.3	13
12	Benthic carbon fixation and cycling in diffuse hydrothermal and background sediments in the Bransfield Strait, Antarctica. <i>Biogeosciences</i> , 2020, 17, 1-12.	1.3	6
13	Biodiversity data and new species descriptions of polychaetes from offshore waters of the Falkland Islands, an area undergoing hydrocarbon exploration. <i>ZooKeys</i> , 2020, 938, 1-86.	0.5	7
14	Access to Marine Genetic Resources (MGR): Raising Awareness of Best-Practice Through a New Agreement for Biodiversity Beyond National Jurisdiction (BBNJ). <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	40
15	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. <i>Marine Biodiversity</i> , 2019, 49, 2659-2697.	0.3	14
16	Carbon processing by the benthic ecosystem and benthic C fixation in methane-rich sediments on the South Georgia margin. <i>Antarctic Science</i> , 2019, 31, 59-68.	0.5	0
17	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
18	Identification of fossil worm tubes from Phanerozoic hydrothermal vents and cold seeps. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 287-329.	0.6	30

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19	Abyssal fauna of polymetallic nodule exploration areas, eastern Clarion-Clipperton Zone, central Pacific Ocean: Annelida: Capitellidae, Opheliidae, Scalibregmatidae, and Traviidae. <i>ZooKeys</i> , 2019, 883, 1-82.	0.5	29
20	Mitochondrial genome and polymorphic microsatellite markers from the abyssal sponge <i>Plenaster craigi</i> Lim & Wiklund, 2017: tools for understanding the impact of deep-sea mining. <i>Marine Biodiversity</i> , 2018, 48, 621-630.	0.3	3
21	Genetic connectivity from the Arctic to the Antarctic: <i>Sclerolinum contortum</i> and <i>Nicomache lokii</i> (Annelida) are both widespread in reducing environments. <i>Scientific Reports</i> , 2018, 8, 4810.	1.6	33
22	Comparative marine biodiversity and depth zonation in the Southern Ocean: evidence from a new large polychaete dataset from Scotia and Amundsen seas. <i>Marine Biodiversity</i> , 2018, 48, 581-601.	0.3	19
23	Managing a sustainable deep-sea "blue economy" requires knowledge of what actually lives there. <i>ELife</i> , 2018, 7, .	2.8	58
24	Microbial-tubeworm associations in a 440 million year old hydrothermal vent community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182004.	1.2	7
25	Implications of population connectivity studies for the design of marine protected areas in the deep sea: An example of a demosponge from the Clarion-Clipperton Zone. <i>Molecular Ecology</i> , 2018, 27, 4657-4679.	2.0	37
26	Micro-CT 3D imaging reveals the internal structure of three abyssal xenophyophore species (Protista.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.8	18
27	Observations of fauna attending wood and bone deployments from two seamounts on the Southwest Indian Ridge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 136, 122-132.	0.6	15
28	Macrofaunal nematodes of the deep Whittard Canyon (<sc>NE</sc> Atlantic): assemblage characteristics and comparison with polychaetes. <i>Marine Ecology</i> , 2017, 38, e12408.	0.4	4
29	A new genus and species of abyssal sponge commonly encrusting polymetallic nodules in the Clarion-Clipperton Zone, East Pacific Ocean. <i>Systematics and Biodiversity</i> , 2017, 15, 507-519.	0.5	40
30	Data are inadequate to test whale falls as chemosynthetic stepping-stones using network analysis: faunal overlaps do support a stepping-stone role. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171281.	1.2	17
31	Distributional Patterns of Polychaetes Across the West Antarctic Based on DNA Barcoding and Particle Tracking Analyses. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	16
32	Hydrothermal activity lowers trophic diversity in Antarctic hydrothermal sediments. <i>Biogeosciences</i> , 2017, 14, 5705-5725.	1.3	10
33	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Mollusca. <i>ZooKeys</i> , 2017, 707, 1-46.	0.5	23
34	Macrofaunal Ecology of Sedimented Hydrothermal Vents in the Bransfield Strait, Antarctica. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	11
35	An End-to-End DNA Taxonomy Methodology for Benthic Biodiversity Survey in the Clarion-Clipperton Zone, Central Pacific Abyss. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 2.	1.2	81
36	DNA barcoding uncovers cryptic diversity in 50% of deep-sea Antarctic polychaetes. <i>Royal Society Open Science</i> , 2016, 3, 160432.	1.1	76

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37	Geochemistry, faunal composition and trophic structure in reducing sediments on the southwest South Georgia margin. <i>Royal Society Open Science</i> , 2016, 3, 160284.	1.1	13
38	<strong>New <em>Prionospio</em> and <em>Aurospio</em> Species from the Deep Sea (Annelida: Polychaeta)</strong>. <i>Zootaxa</i> , 2016, 4092, 1.	0.2	20
39	Insights into the abundance and diversity of abyssal megafauna in a polymetallic-nodule region in the eastern Clarion-Clipperton Zone. <i>Scientific Reports</i> , 2016, 6, 30492.	1.6	173
40	Perspectives In Visual Imaging for Marine Biology and Ecology: From Acquisition to Understanding. <i>Oceanography and Marine Biology</i> , 2016, , 1-73.	1.0	21
41	Abyssal fauna of the UK-1 polymetallic nodule exploration claim, Clarion-Clipperton Zone, central Pacific Ocean: Echinodermata. <i>Biodiversity Data Journal</i> , 2016, 4, e7251.	0.4	38
42	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Cnidaria. <i>Biodiversity Data Journal</i> , 2016, 4, e9277.	0.4	46
43	A chemosynthetic weed: the tubeworm <i>Sclerolinum contortum</i> is a bipolar, cosmopolitan species. <i>BMC Evolutionary Biology</i> , 2015, 15, 280.	3.2	54
44	Burrow forms, growth rates and feeding rates of wood-boring Xylophagaidae bivalves revealed by micro-computed tomography. <i>Frontiers in Marine Science</i> , 2015, 2, .	1.2	20
45	Whale-Fall Ecosystems: Recent Insights into Ecology, Paleoecology, and Evolution. <i>Annual Review of Marine Science</i> , 2015, 7, 571-596.	5.1	174
46	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). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 97, 29-39.	0.6	26
47	Benthic polychaete diversity patterns and community structure in the Whittard Canyon system and adjacent slope (NE Atlantic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 106, 42-54.	0.6	14
48	Molecular taxonomy of <i>Osedax</i> (Annelida: Siboglinidae) in the Southern Ocean. <i>Zoologica Scripta</i> , 2014, 43, 405-417.	0.7	19
49	The morphological diversity of <i>Osedax</i> worm borings (Annelida: Siboglinidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 1429-1439.	0.4	13
50	Molluscs from a shallow-water whale-fall and their affinities with adjacent benthic communities on the Swedish west coast. <i>Marine Biology Research</i> , 2014, 10, 3-16.	0.3	8
51	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 ( <i>Balaena</i> ) <i>Tj ETQq1 1 0.784314 rgB0/Overlock 10 Tf 50</i>	0.7	10
52	The identity of juvenile Polynoidae (Annelida) in the Southern Ocean revealed by DNA taxonomy, with notes on the status of <i>Herdmanella gracilis</i> Ehlers sensu Augener. <i>Memoirs of Museum Victoria</i> , 2014, 71, 203-216.	0.6	14
53	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. <i>Marine Biology</i> , 2013, 160, 2295-2317.	0.7	79
54	The macro- and megabenthic fauna on the continental shelf of the eastern Amundsen Sea, Antarctica. <i>Continental Shelf Research</i> , 2013, 68, 80-90.	0.9	34

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55	The discovery of a natural whale fall in the Antarctic deep sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 87-96.	0.6	54
56	Polynoid polychaetes of the Mid-Atlantic Ridge and a new holothurian association. <i>Marine Biology Research</i> , 2013, 9, 547-553.	0.3	14
57	Two new Antarctic <i>Ophryotrocha</i> (Annelida: Dorvilleidae) described from shallow-water whale bones. <i>Polar Biology</i> , 2013, 36, 1031-1045.	0.5	29
58	Amundsen Sea Mollusca from the BIOPEARL II expedition. <i>ZooKeys</i> , 2013, 294, 1-8.	0.5	5
59	Bone-eating worms from the Antarctic: the contrasting fate of whale and wood remains on the Southern Ocean seafloor. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131390.	1.2	48
60	Systematics and biodiversity of <i>Ophryotrocha</i> (Annelida, Dorvilleidae) with descriptions of six new species from deep-sea whale-fall and wood-fall habitats in the north-east Pacific. <i>Systematics and Biodiversity</i> , 2012, 10, 243-259.	0.5	44
61	The Potent Respiratory System of <i>Osedax mucofloris</i> (Siboglinidae, Annelida) - A Prerequisite for the Origin of Bone-Eating <i>Osedax</i> ?. <i>PLoS ONE</i> , 2012, 7, e35975.	1.1	17
62	Climate Change and Biosphere Response: Unlocking the Collections Vault. <i>BioScience</i> , 2011, 61, 147-153.	2.2	111
63	Biodiversity of macrofaunal assemblages from three Portuguese submarine canyons (NE Atlantic). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2433-2447.	0.6	92
64	Disturbance, productivity and diversity in deep-sea canyons: A worm's eye view. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2448-2460.	0.6	44
65	Evidence of <i>Osedax</i> worm borings in Pliocene (~4.3 Ma) whale bone from the Mediterranean. <i>Historical Biology</i> , 2011, , 1-9.	0.7	11
66	Bone-Boring Worms: Characterizing the Morphology, Rate, and Method of Bioerosion by <i>Osedax mucofloris</i> (Annelida, Siboglinidae). <i>Biological Bulletin</i> , 2011, 221, 307-316.	0.7	40
67	Hydrothermal faunal assemblages and habitat characterisation at the Eiffel Tower edifice (Lucky) Tj ETQq1 1 0.784314 rgBT /Overlock 65	0.4	65
68	Correction for Higgs <i>et al.</i> , Bones as biofuel: a review of whale bone composition with implications for deep-sea biology and palaeoanthropology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 960-960.	1.2	0
69	Bones as biofuel: a review of whale bone composition with implications for deep-sea biology and palaeoanthropology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 9-17.	1.2	50
70	Community dynamics over 14 years at the Eiffel Tower hydrothermal edifice on the Mid-Atlantic Ridge. <i>Limnology and Oceanography</i> , 2011, 56, 1624-1640.	1.6	64
71	New Perspectives on the Ecology and Evolution of Siboglinid Tubeworms. <i>PLoS ONE</i> , 2011, 6, e16309.	1.1	137
72	Polychaete species diversity on the West Antarctic Peninsula deep continental shelf. <i>Marine Ecology - Progress Series</i> , 2011, 428, 119-134.	0.9	15

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73	High symbiont diversity in the bone-eating worm <i>Osedax mucofloris</i> from shallow whale-falls in the North Atlantic. <i>Environmental Microbiology</i> , 2010, 12, 2355-2370.	1.8	47
74	Three new species of <i>Ophryotrocha</i> (Annelida: Dorvilleidae) from a whale-fall in the North-East Atlantic. <i>Zootaxa</i> , 2009, 2228, 43-56.	0.2	65
75	Cryptic speciation at organic-rich marine habitats: a new bacterivore annelid from whale-fall and fish farms in the North-East Atlantic. <i>Zoological Journal of the Linnean Society</i> , 2009, 155, 774-785.	1.0	47
76	A new species of <i>Aurospio</i> (Polychaeta, Spionidae) from the Antarctic shelf, with analysis of its ecology, reproductive biology and evolutionary history. <i>Marine Ecology</i> , 2009, 30, 181-197.	0.4	27
77	Distribution and spatial variation of hydrothermal faunal assemblages at Lucky Strike (Mid-Atlantic) Tj ETQq1 1 0.784314 rgBT /Overl Research Papers, 2009, 56, 2026-2040.	0.6	83
78	A census of abyssal polychaetes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1739-1746.	0.6	42
79	Temporal changes in benthic megafaunal abundance and composition across the West Antarctic Peninsula shelf: Results from video surveys. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2465-2477.	0.6	40
80	Macrofaunal abundance and composition on the West Antarctic Peninsula continental shelf: Evidence for a sediment "food bank" and similarities to deep-sea habitats. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 2491-2501.	0.6	42
81	On the role of bone-eating worms in the degradation of marine vertebrate remains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1959-1961.	1.2	27
82	The near future of the deep-sea floor ecosystems. , 2008, , 334-350.		45
83	Body size response of abyssal polychaetes to different nutrient regimes. <i>Scientia Marina</i> , 2006, 70, 319-330.	0.3	8
84	Morphology, reproductive biology and genetic structure of the whale-fall and hydrothermal vent specialist, <i>Bathypolochus guaymasensis</i> Pettibone, 1989 (Annelida: Polynoidae). <i>Marine Ecology</i> , 2005, 26, 223-234.	0.4	58
85	World-wide whale worms? A new species of <i>Osedax</i> from the shallow north Atlantic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2587-2592.	1.2	145
86	Fauna of whale falls: systematics and ecology of a new polychaete (Annelida: Chrysopetalidae) from the deep Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 1873-1887.	0.6	39
87	The deep-sea floor ecosystem: current status and prospects of anthropogenic change by the year 2025. <i>Environmental Conservation</i> , 2003, 30, 219-241.	0.7	249
88	Polychaete species diversity in the central Pacific abyss: local and regional patterns, and relationships with productivity. <i>Marine Ecology - Progress Series</i> , 2002, 240, 157-170.	0.9	151
89	Patterns in polychaete abundance and diversity from the Madeira Abyssal Plain, northeast Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2001, 48, 217-236.	0.6	68
90	Impact of large-scale natural physical disturbance on the diversity of deep-sea North Atlantic nematodes. <i>Marine Ecology - Progress Series</i> , 2001, 214, 121-126.	0.9	49

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91	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
92	The London Workshop on the Biogeography and Connectivity of the Clarion-Clipperton Zone. Research Ideas and Outcomes, 0, 2, .	1.0	9
93	ï»¿Benthic megafauna of the western Clarion-Clipperton Zone, Pacific Ocean. ZooKeys, 0, 1113, 1-110.	0.5	9