

Craig M Young

List of Publications by Year in descending order

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86
papers

3,135
citations

159585

30
h-index

175258

52
g-index

87
all docs

87
docs citations

87
times ranked

2733
citing authors

#	ARTICLE	IF	CITATIONS
1	Larval dispersal potential of the tubeworm <i>Riftia pachyptila</i> at deep-sea hydrothermal vents. <i>Nature</i> , 2001, 411, 77-80.	27.8	207
2	Siliceous sponges as a silicon sink: An overlooked aspect of benthopelagic coupling in the marine silicon cycle. <i>Limnology and Oceanography</i> , 2005, 50, 799-809.	3.1	140
3	Estimating dispersal distance in the deep sea: challenges and applications to marine reserves. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	127
4	Larval ecology of marine invertebrates: A sesquicentennial history. <i>Ophelia</i> , 1990, 32, 1-48.	0.3	114
5	Embryology of vestimentiferan tube worms from deep-sea methane/sulphide seeps. <i>Nature</i> , 1996, 381, 514-516.	27.8	108
6	Dispersal of Deep-Sea Larvae from the Intra-American Seas: Simulations of Trajectories using Ocean Models. <i>Integrative and Comparative Biology</i> , 2012, 52, 483-496.	2.0	103
7	Developmental arrest in vent worm embryos. <i>Nature</i> , 2001, 413, 698-699.	27.8	102
8	Fixed, free, and fixed: The fickle phylogeny of extant Crinoidea (Echinodermata) and their Permian–Triassic origin. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 161-181.	2.7	93
9	The natural diet of a hexactinellid sponge: Benthic–pelagic coupling in a deep-sea microbial food web. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1148-1156.	1.4	89
10	Spawning, Development, and the Duration of Larval Life in a Deep-Sea Cold-Seep Mussel. <i>Biological Bulletin</i> , 2009, 216, 149-162.	1.8	83
11	Vailulu'u Seamount, Samoa: Life and death on an active submarine volcano. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6448-6453.	7.1	81
12	LABORATORY EVIDENCE FOR DELAY OF LARVAL SETTLEMENT IN RESPONSE TO A DOMINANT COMPETITOR. <i>International Journal of Invertebrate Reproduction</i> , 1981, 3, 221-226.	0.6	79
13	Larvae from deep-sea methane seeps disperse in surface waters. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133276.	2.6	78
14	Effects of the duration of larval life on postlarval stages of the demosponge <i>Sigmadocia caerulea</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 232, 9-21.	1.5	72
15	Temperature limits to fertilization and early development in the tropical sea urchin <i>Echinometra lucunter</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 236, 291-305.	1.5	72
16	Sponge Grounds as Key Marine Habitats: A Synthetic Review of Types, Structure, Functional Roles, and Conservation Concerns. , 2017, , 145-183.		72
17	Temperature tolerance of the deep-sea coral <i>Lophelia pertusa</i> from the southeastern United States. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 240-248.	1.4	65
18	Larval Predation by Barnacles: Effects on Patch Colonization in a Shallow Subtidal Community. <i>Ecology</i> , 1988, 69, 624-634.	3.2	61

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19	Sperm Storage, Internal Fertilization, and Embryonic Dispersal in Vent and Seep Tubeworms (Polychaeta: Siboglinidae: Vestimentifera). <i>Biological Bulletin</i> , 2005, 208, 20-28.	1.8	59
20	Spawning and development in Osedax boneworms (Siboglinidae, Annelida). <i>Marine Biology</i> , 2009, 156, 395-405.	1.5	59
21	Plankton availability and retention efficiencies of cold-seep symbiotic mussels. <i>Limnology and Oceanography</i> , 1999, 44, 1833-1839.	3.1	58
22	Reproductive ecology of a deep-water scleractinian coral, <i>Oculina varicosa</i> , from the southeast Florida shelf. <i>Continental Shelf Research</i> , 2003, 23, 847-858.	1.8	57
23	Dispersal at hydrothermal vents: a summary of recent progress. <i>Hydrobiologia</i> , 2003, 503, 9-19.	2.0	56
24	Gametogenic periodicity in the chemosynthetic cold-seep mussel <i>Bathymodiolus childressi</i> . <i>Marine Biology</i> , 2007, 150, 829-840.	1.5	55
25	Sponge Grounds as Key Marine Habitats: A Synthetic Review of Types, Structure, Functional Roles, and Conservation Concerns. , 2015, , 1-39.		52
26	Bathymetric patterns of sponge distribution on the Bahamian slope. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1996, 43, 897-915.	1.4	47
27	Larval behavior and post-settling morphology in the ascidian, <i>Chelyosoma productum</i> Stimpson. <i>Journal of Experimental Marine Biology and Ecology</i> , 1980, 42, 157-169.	1.5	41
28	Title is missing!. <i>Biodiversity and Conservation</i> , 1997, 6, 1507-1522.	2.6	41
29	Advances in Vent, Seep, Whale- and Wood-Fall Biology. <i>Marine Ecology</i> , 2007, 28, 1-2.	1.1	39
30	Ascidian cannibalism correlates with larval behavior and adult distribution. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988, 117, 9-26.	1.5	37
31	Four genes, morphology and ecology: distinguishing a new species of <i>Acesta</i> (Mollusca; Bivalvia) from the Gulf of Mexico. <i>Marine Biology</i> , 2007, 152, 43-55.	1.5	36
32	ORIENTATION AND CURRENT-INDUCED FLOW IN THE STALKED ASCIDIAN <i>STYELA MONTEREYENSIS</i> . <i>Biological Bulletin</i> , 1980, 159, 428-440.	1.8	35
33	Influence of environmental conditions on early development of the hydrothermal vent polychaete <i>Alvinella pompejana</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 1551-1561.	1.7	33
34	SyPRID sampler: A large-volume, high-resolution, autonomous, deep-ocean precision plankton sampling system. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 297-306.	1.4	28
35	Smart collagen in sea lilies. <i>Nature</i> , 1993, 366, 519-520.	27.8	27
36	Sensory Structures in Tadpole Larvae of the Ascidiaceans <i>Microcosmus exasperatus</i> Heller and <i>Herdmania momus</i> (Savigny). <i>Acta Zoologica</i> , 1991, 72, 129-135.	0.8	25

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37	Deep Sequencing of <i>Myxilla</i> (<i>Ectyomyxilla</i>) <i>methanophila</i> , an Epibiotic Sponge on Cold-Seep Tubeworms, Reveals Methylophilic, Thiophilic, and Putative Hydrocarbon-Degrading Microbial Associations. <i>Microbial Ecology</i> , 2013, 65, 450-461.	2.8	25
38	Ovarian ultrastructure and vitellogenesis in ten species of shallow-water and bathyal sea cucumbers (Echinodermata: Holothuroidea). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1992, 72, 759-781.	0.8	24
39	Effects of low salinity on metamorphosis in estuarine colonial ascidians. <i>Invertebrate Biology</i> , 2000, 119, 433-444.	0.9	23
40	Reproduction of Gastropods from Vents on the East Pacific Rise and the Mid-Atlantic Ridge. <i>Journal of Shellfish Research</i> , 2008, 27, 107-118.	0.9	22
41	Megafauna of the UKSRL exploration contract area and eastern Clarion-Clipperton Zone in the Pacific Ocean: Annelida, Arthropoda, Bryozoa, Chordata, Ctenophora, Mollusca. <i>Biodiversity Data Journal</i> , 2017, 5, e14598.	0.8	22
42	Egg Predation Fuels Unique Species Association at Deep-Sea Hydrocarbon Seeps. <i>Biological Bulletin</i> , 2005, 209, 87-93.	1.8	21
43	Where do the embryos of <i>Riftia pachyptila</i> develop? Pressure tolerances, temperature tolerances, and buoyancy during prolonged embryonic dispersal. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1599-1606.	1.4	21
44	Larval Development and Metamorphosis of the Deep-Sea Cidaroid Urchin <i>Cidaris blakei</i> . <i>Biological Bulletin</i> , 2012, 222, 105-117.	1.8	21
45	Selection of predator-free settlement sites by larval ascidians. <i>Ophelia</i> , 1989, 30, 131-140.	0.3	20
46	Burrow forms, growth rates and feeding rates of wood-boring <i>Xylophagidae</i> bivalves revealed by micro-computed tomography. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	20
47	Environmental factors structuring Arctic megabenthos—A case study from a shelf and two fjords. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	20
48	Larval predation by epifauna on temperate reefs: scale, power and the scarcity of measurable effects. <i>Austral Ecology</i> , 1990, 15, 413-426.	1.5	19
49	Temperature and salinity tolerances of embryos and larvae of the deep-sea mytilid mussel <i>Bathymodiolus childressi</i> . <i>Marine Biology</i> , 2011, 158, 2481-2493.	1.5	19
50	The influence of larval migration and dispersal depth on potential larval trajectories of a deep-sea bivalve. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 127, 57-64.	1.4	19
51	Thermal tolerances of embryos and planktotrophic larvae of <i>Archaeopneustes hystrix</i> (A. Agassiz) (Spatangoidea) and <i>Stylocidaris lineata</i> (Mortensen) (Cidaroidea), bathyal echinoids from the Bahamian Slope. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 223, 65-76.	1.5	17
52	Ontogenetic changes in phototaxis during larval life of the Ascidian <i>Polyandrocarpa zorritensis</i> (). <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 231, 267-277.	1.5	16
53	New Molluscan Larval Form: Brooding and Development in a Hydrothermal Vent Gastropod, <i>Fremeria nautili</i> (Provannidae). <i>Biological Bulletin</i> , 2010, 219, 7-11.	1.8	16
54	<i>Hyalinoecia artifex</i> : Field notes on a charismatic and abundant epifaunal polychaete on the US Atlantic continental margin. <i>Invertebrate Biology</i> , 2016, 135, 211-224.	0.9	16

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55	Feeding habits and phenotypic changes in proboscis length in the southern oyster drill, <i>Stramonita haemastoma</i> (Gastropoda: Muricidae), on Florida sabellariid worm reefs. <i>Marine Biology</i> , 2006, 148, 1021-1029.	1.5	15
56	Recruitment of benthic invertebrates in high Arctic fjords: Relation to temperature, depth, and season. <i>Limnology and Oceanography</i> , 2017, 62, 2732-2744.	3.1	15
57	Methane Seeps on the US Atlantic Margin and Their Potential Importance to Populations of the Commercially Valuable Deep-Sea Red Crab, <i>Chaceon quinque-dens</i> . <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	15
58	A New Species of Poecilosclerid Sponge (Porifera) from Bathyal Methane Seeps in the Gulf Of Mexico. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 1998, 78, 795-806.	0.8	12
59	Physiological and behavioral responses of <i>Bathynnerita naticoidea</i> (Gastropoda: Neritidae) and <i>Methanoaricia dendrobranchiata</i> (Polychaeta: Orbiniidae) to hypersaline conditions at a brine pool cold seep. <i>Marine Ecology</i> , 2007, 28, 199-207.	1.1	11
60	A paradoxical mismatch of fecundity and recruitment in deep-sea opportunists: Cocculinid and pseudococculinid limpets colonizing vascular plant remains on the Bahamian Slope. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 36-45.	1.4	11
61	Distributions of microplastics and larger anthropogenic debris in Norfolk Canyon, Baltimore Canyon, and the adjacent continental slope (Western North Atlantic Margin, U.S.A.). <i>Marine Pollution Bulletin</i> , 2022, 174, 113047.	5.0	11
62	Sperm Morphology and Spermiogenesis in the Methane-Seep Mollusc <i>Bathynnerita naticoidea</i> (Gastropoda: Neritacea) from the Louisiana Slope. <i>Invertebrate Biology</i> , 1998, 117, 199.	0.9	10
63	Complete Development of the Northeast Pacific Arminacean Nudibranch <i>Janolus fuscus</i> . <i>Biological Bulletin</i> , 2012, 222, 137-149.	1.8	10
64	Physiological response of the cold-seep mussel <i>Bathymodiolus childressi</i> to acutely elevated temperature. <i>Marine Biology</i> , 2006, 149, 1397-1402.	1.5	9
65	Similar reproductive cycles and life-history traits in congeneric limid bivalves with different modes of nutrition. <i>Marine Ecology</i> , 2007, 28, 183-192.	1.1	9
66	Communities on Deep-Sea Hard Bottoms. <i>Ecological Studies</i> , 2009, , 39-60.	1.2	9
67	Reproduction, development, growth, and the length of larval life of <i>Hascolosoma turnerae</i> , a wood-dwelling deep-sea sipunculan. <i>Invertebrate Biology</i> , 2012, 131, 204-215.	0.9	8
68	Dispersal at hydrothermal vents: a summary of recent progress. , 2003, , 9-19.		8
69	Environmental cues and seasonal reproduction in a temperate estuary: a case study of <i>Owenia collaris</i> (Annelida: Polychaeta, Oweniidae). <i>Marine Ecology</i> , 2012, 33, 290-301.	1.1	7
70	Invertebrate Reproduction and Development Reproduction and Development of Marine Invertebrates W. Herbert Wilson, Jr. Stephen A. Stricker George L. Shinn. <i>BioScience</i> , 1996, 46, 460-461.	4.9	6
71	Finding refuge: The estuarine distribution of the nemertean egg predator <i>Carcinonemertes errans</i> on the Dungeness crab, <i>Cancer magister</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2013, 135, 201-208.	2.1	6
72	Larval settlement of the nemertean egg predator <i>Carcinonemertes errans</i> on the Dungeness crab, <i>Metacarcinus magister</i> . <i>Invertebrate Biology</i> , 2014, 133, 201-212.	0.9	6

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73	Oceanographic and biological influences on recruitment of benthic invertebrates to hard substrata on the Oregon shelf. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 1-8.	2.1	6
74	Consumption of terrestrial organic matter in the rocky intertidal zone along the central Oregon coast. <i>Ecosphere</i> , 2018, 9, e02138.	2.2	5
75	Foresight Workshop on Advances in Ocean Biological Observations: a sustained system for deep-ocean meroplankton. <i>Research Ideas and Outcomes</i> , 0, 6, .	1.0	5
76	Consumption of bacteria by larvae of a deep-sea polychaete. <i>Marine Ecology</i> , 2006, 27, 15-19.	1.1	4
77	Impacts of an endoparasitic copepod, <i>Ismaila belciki</i> , on the reproduction, growth and survivorship of its nudibranch host, <i>Janolus fuscus</i> . <i>International Journal for Parasitology</i> , 2014, 44, 391-401.	3.1	4
78	Biological Bulletin Virtual Symposium: Biology of Marine Invertebrate Larvae. <i>Biological Bulletin</i> , 2009, 216, 201-202.	1.8	3
79	Sperm ultrastructure and spermatogenesis in the hydrothermal vent gastropod <i>Rhynchopelta concentrica</i> (Peltospiridae). <i>Journal of Molluscan Studies</i> , 2009, 75, 159-165.	1.2	3
80	Salinity and Temperature Tolerance of the Nemertean Worm <i>Carcinonemertes errans</i> , an Egg Predator of the Dungeness Crab. <i>Biological Bulletin</i> , 2015, 228, 163-169.	1.8	2
81	Dominance of <i>Sulfurospirillum</i> in Metagenomes Associated with the Methane Ice Worm (<i>Sirsoe</i>) Tj ETQq1 1,0,784314,rgBT /O	3.1	2
82	Spotlight: <i>Vailuluia</i> Seamount. <i>Oceanography</i> , 2010, 23, 164-165.	1.0	1
83	Spermatozoon structure of <i>Acesta oophaga</i> (Limidae), a cold-seep bivalve. <i>Invertebrate Reproduction and Development</i> , 2013, 57, 70-73.	0.8	1
84	Novelty of "Supply-Side Ecology". <i>Science</i> , 1987, 235, 415-416.	12.6	1
85	Effects of the oophagous bivalve <i>Acesta oophaga</i> on the morphology and fecundity of its deep-sea tubeworm host, <i>Lamellibrachia luymesii</i> . <i>Marine Ecology</i> , 2014, 35, 106-111.	1.1	0
86	A report on two large collections of the squat lobster <i>Munidopsis platirostris</i> (Decapoda, Anomura,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Journal of Natural History</i> , 2019, 53, 159-169.	0.5	0