Richard B Emlet

List of Publications by Year
in descending order

43 papers	1,979 citations	279798 23 h-index	254184 43 g-index
45 all docs	45 docs citations	45 times ranked	1330 citing authors

#	Article	IF	Citations
1	Swimming Kinematics of Cyprids of the Barnacle Balanus glandula. Integrative and Comparative Biology, 2021, , .	2.0	2
2	Marine heat waves, climate change, and failed spawning by coastal invertebrates. Limnology and Oceanography, 2020, 65, 627-636.	3.1	30
3	Natural radiole damage and regeneration in the feather duster worm Schizobranchia insignis. Invertebrate Biology, 2020, 139, e12307.	0.9	2
4	Gorgonocephalus eucnemis (Echinodermata: Ophiuroidea) and Bursal Ventilation. Biological Bulletin, 2020, 238, 193-205.	1.8	2
5	Direct Observation of the Setular Web That Fuses Thoracopodal Setae of a Calanoid Copepod into a Collapsible Fan. Biological Bulletin, 2020, 238, 73-79.	1.8	2
6	Permanently Fused Setules Create Unusual Folding Fans Used for Swimming in Cyprid Larvae of Barnacles. Biological Bulletin, 2018, 235, 185-194.	1.8	7
7	The nonfeeding auricularia of Holothuria mexicana (Echinodermata, Holothuroidea). Invertebrate Biology, 2016, 135, 245-251.	0.9	10
8	The parachute function of the hull in eggs of Mopalia kennerleyi (Chitonida: Mopaliidae), and swimming of its larvae through ontogeny. Invertebrate Biology, 2015, 134, 31-37.	0.9	1
9	Larval Development and Metamorphosis of the Deep-Sea Cidaroid Urchin Cidaris blakei. Biological Bulletin, 2012, 222, 105-117.	1.8	21
10	Dispersal of Deep-Sea Larvae from the Intra-American Seas: Simulations of Trajectories using Ocean Models. Integrative and Comparative Biology, 2012, 52, 483-496.	2.0	103
11	The Biogeography of Marine Invertebrate Life Histories. Annual Review of Ecology, Evolution, and Systematics, 2012, 43, 97-114.	8.3	133
12	LOW RATES OF BINDIN CODON EVOLUTION IN LECITHOTROPHIC HELIOCIDARIS SEA URCHINS. Evolution; International Journal of Organic Evolution, 2012, 66, 1709-1721.	2.3	7
13	Environmental cues and seasonal reproduction in a temperate estuary: a case study of Owenia collaris (Annelida: Polychaeta, Oweniidae). Marine Ecology, 2012, 33, 290-301.	1.1	7
14	Molecular phylogeny of echinometrid sea urchins: more species of Heliocidaris with derived modes of reproduction. Invertebrate Biology, 2011, 130, 175-185.	0.9	13
15	Morphological Evolution of Newly Metamorphosed Sea Urchinsâ€"A Phylogenetic and Functional Analysis. Integrative and Comparative Biology, 2010, 50, 571-588.	2.0	17
16	Biological Bulletin Virtual Symposium: Biology of Marine Invertebrate Larvae. Biological Bulletin, 2009, 216, 201-202.	1.8	3
17	The Bilaterally Asymmetrical Larval Form of Stomopneustes variolaris (Lamarck). Biological Bulletin, 2009, 216, 163-174.	1.8	5
18	OFFSPRING SIZE EFFECTS MEDIATE COMPETITIVE INTERACTIONS IN A COLONIAL MARINE INVERTEBRATE. Ecology, 2006, 87, 214-225.	3.2	118

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19	Direct development of the brittle star Amphiodia occidentalis (Ophiuroidea, Amphiuridae) from the northeastern Pacific Ocean. Invertebrate Biology, 2006, 125, 154-171.	0.9	8
20	Spatial and temporal variability of early post-settlement survivorship and growth in the barnacle Balanus glandula along an estuarine gradient. Journal of Experimental Marine Biology and Ecology, 2006, 336, 74-87.	1.5	22
21	Linking stages of life history: How larval quality translates into juvenile performance for an intertidal barnacle (Balanus glandula). Integrative and Comparative Biology, 2006, 46, 334-346.	2.0	87
22	Phylogeny and evolution of developmental mode in temnopleurid echinoids. Molecular Phylogenetics and Evolution, 2003, 28, 99-118.	2.7	62
23	MACROEVOLUTIONARY CONSEQUENCES OF DEVELOPMENTAL MODE IN TEMNOPLEURID ECHINOIDS FROM THE TERTIARY OF SOUTHERN AUSTRALIA. Evolution; International Journal of Organic Evolution, 2003, 57, 1031-1048.	2.3	69
24	MACROEVOLUTIONARY CONSEQUENCES OF DEVELOPMENTAL MODE IN TEMNOPLEURID ECHINOIDS FROM THE TERTIARY OF SOUTHERN AUSTRALIA. Evolution; International Journal of Organic Evolution, 2003, 57, 1031.	2.3	7
25	Sexually dimorphic sea urchins: identifying the sexes inPentechinus mirabilis. Alcheringa, 2003, 27, 117-123.	1.2	2
26	Laboratory spawning, larval development, and metamorphosis of the limpets Lottia digitalis and Lottia asmi (Patellogastropoda, Lottiidae). Invertebrate Biology, 2002, 121, 11-24.	0.9	40
27	METAMORPHOSIS OF BARNACLE NAUPLII: EFFECTS OF FOOD VARIABILITY AND A COMPARISON WITH AMPHIBIAN MODELS. Ecology, 2000, 81, 3495-3508.	3.2	76
28	Metamorphosis of Barnacle Nauplii: Effects of Food Variability and a Comparison with Amphibian Models. Ecology, 2000, 81, 3495.	3.2	2
29	What is a juvenile sea urchin? A comparative and phylogenetic survey of post-metamorphic juveniles. Zygote, 1999, 8, S44-S45.	1.1	1
30	Development of newly metamorphosed juvenile sea urchins (Strongylocentrotus franciscanus and S.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf determining age. Journal of Experimental Marine Biology and Ecology, 1999, 235, 67-90.	1.5	71
31	EFFECTS OF EGG SIZE ON POSTLARVAL PERFORMANCE: EXPERIMENTAL EVIDENCE FROM A SEA URCHIN. Evolution; International Journal of Organic Evolution, 1997, 51, 141-152.	2.3	136
32	Effects of Egg Size on Postlarval Performance: Experimental Evidence from a Sea Urchin. Evolution; International Journal of Organic Evolution, 1997, 51, 141.	2.3	50
33	DEVELOPMENTAL MODE AND SPECIES GEOGRAPHIC RANGE IN REGULAR SEA URCHINS (ECHINODERMATA:) Tj ETQq1 1 0.784314 rg	2.3	108
34	Developmental Mode and Species Geographic Range in Regular Sea Urchins (Echinodermata:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	2.3	48
35	Larval Spicules, Cilia, and Symmetry as Remnants of Indirect Development in the Direct Developing Sea Urchin Heliocidaris erythrogramma. Developmental Biology, 1995, 167, 405-415.	2.0	90
36	Body Form and Patterns of Ciliation in Nonfeeding Larvae of Echinoderms: Functional Solutions to Swimming in the Plankton?. American Zoologist, 1994, 34, 570-585.	0.7	72

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37	Functional Constraints on the Evolution of Larval Forms of Marine Invertebrates: Experimental and Comparative Evidence. American Zoologist, 1991, 31, 707-725.	0.7	78
38	Apical skeletons of sea urchins (Echinodermata: Echinoidea): two methods for inferring mode of larval development. Paleobiology, 1989, 15, 223-254.	2.0	35
39	Larval Form and Metamorphosis of a "Primitive" Sea Urchin, Eucidaris thouarsi (Echinodermata:) Tj ETQq1 1 0.784314 rgBT /Overlock 1C Bulletin, 1988, 174, 4-19.	1.8	68
40	Ontogenetic and diel vertical migration of a planktonic echinoid larva, Dendraster excentricus (Eschscholtz): Occurrence, causes, and probable consequences. Journal of Experimental Marine Biology and Ecology, 1986, 104, 69-95.	1.5	114
41	Facultative planktotrophy in the tropical echinoid Clypeaster rosaceus (Linnaeus) and a comparison with obligate planktotrophy in Clypeaster subdepressus (Gray) (Clypeasteroida: Echinoidea). Journal of Experimental Marine Biology and Ecology, 1986, 95, 183-202.	1.5	117
42	LOCOMOTION, DRAG, AND THE RIGID SKELETON OF LARVAL ECHINODERMS. Biological Bulletin, 1983, 164, 433-445.	1.8	44
43	ECHINODERM CALCITE: A MECHANICAL ANALYSIS FROM LARVAL SPICULES. Biological Bulletin, 1982, 163, 264-275.	1.8	88