

# Richard B Emlet

## List of Publications by Year in descending order

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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	EFFECTS OF EGG SIZE ON POSTLARVAL PERFORMANCE: EXPERIMENTAL EVIDENCE FROM A SEA URCHIN. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 141-152.	2.3	136
2	The Biogeography of Marine Invertebrate Life Histories. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 97-114.	8.3	133
3	OFFSPRING SIZE EFFECTS MEDIATE COMPETITIVE INTERACTIONS IN A COLONIAL MARINE INVERTEBRATE. <i>Ecology</i> , 2006, 87, 214-225.	3.2	118
4	Facultative planktotrophy in the tropical echinoid <i>Clypeaster rosaceus</i> (Linnaeus) and a comparison with obligate planktotrophy in <i>Clypeaster subdepressus</i> (Gray) (Clypeasteroidea: Echinoidea). <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 95, 183-202.	1.5	117
5	Ontogenetic and diel vertical migration of a planktonic echinoid larva, <i>Dendraster excentricus</i> (Eschscholtz): Occurrence, causes, and probable consequences. <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 104, 69-95.	1.5	114
6	DEVELOPMENTAL MODE AND SPECIES GEOGRAPHIC RANGE IN REGULAR SEA URCHINS (ECHINODERMATA:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14</i>	2.3	108
7	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
8	Larval Spicules, Cilia, and Symmetry as Remnants of Indirect Development in the Direct Developing Sea Urchin <i>Heliocidaris erythrogramma</i> . <i>Developmental Biology</i> , 1995, 167, 405-415.	2.0	90
9	ECHINODERM CALCITE: A MECHANICAL ANALYSIS FROM LARVAL SPICULES. <i>Biological Bulletin</i> , 1982, 163, 264-275.	1.8	88
10	Linking stages of life history: How larval quality translates into juvenile performance for an intertidal barnacle ( <i>Balanus glandula</i> ). <i>Integrative and Comparative Biology</i> , 2006, 46, 334-346.	2.0	87
11	Functional Constraints on the Evolution of Larval Forms of Marine Invertebrates: Experimental and Comparative Evidence. <i>American Zoologist</i> , 1991, 31, 707-725.	0.7	78
12	METAMORPHOSIS OF BARNACLE NAUPLII: EFFECTS OF FOOD VARIABILITY AND A COMPARISON WITH AMPHIBIAN MODELS. <i>Ecology</i> , 2000, 81, 3495-3508.	3.2	76
13	Body Form and Patterns of Ciliation in Nonfeeding Larvae of Echinoderms: Functional Solutions to Swimming in the Plankton?. <i>American Zoologist</i> , 1994, 34, 570-585.	0.7	72
14	Development of newly metamorphosed juvenile sea urchins ( <i>Strongylocentrotus franciscanus</i> and S.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 determining age. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 235, 67-90.	1.5	71
15	MACROEVOLUTIONARY CONSEQUENCES OF DEVELOPMENTAL MODE IN TEMNOLEURID ECHINOIDS FROM THE TERTIARY OF SOUTHERN AUSTRALIA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1031-1048.	2.3	69
16	Larval Form and Metamorphosis of a "Primitive" Sea Urchin, <i>Eucidaris thouarsi</i> (Echinodermata:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Bulletin</i> , 1988, 174, 4-19.	1.8	68
17	Phylogeny and evolution of developmental mode in temnoleucid echinoids. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 99-118.	2.7	62
18	Effects of Egg Size on Postlarval Performance: Experimental Evidence from a Sea Urchin. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 141.	2.3	50

#	ARTICLE	IF	CITATIONS
19	Developmental Mode and Species Geographic Range in Regular Sea Urchins (Echinodermata: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.9	48
20	LOCOMOTION, DRAG, AND THE RIGID SKELETON OF LARVAL ECHINODERMS. Biological Bulletin, 1983, 164, 433-445.	1.8	44
21	Laboratory spawning, larval development, and metamorphosis of the limpets <i>Lottia digitalis</i> and <i>Lottia asmi</i> (Patellogastropoda, Lottiidae). Invertebrate Biology, 2002, 121, 11-24.	0.9	40
22	Apical skeletons of sea urchins (Echinodermata: Echinoidea): two methods for inferring mode of larval development. Paleobiology, 1989, 15, 223-254.	2.0	35
23	Marine heat waves, climate change, and failed spawning by coastal invertebrates. Limnology and Oceanography, 2020, 65, 627-636.	3.1	30
24	Spatial and temporal variability of early post-settlement survivorship and growth in the barnacle <i>Balanus glandula</i> along an estuarine gradient. Journal of Experimental Marine Biology and Ecology, 2006, 336, 74-87.	1.5	22
25	Larval Development and Metamorphosis of the Deep-Sea Cidaroid Urchin <i>Cidaris blakei</i> . Biological Bulletin, 2012, 222, 105-117.	1.8	21
26	Morphological Evolution of Newly Metamorphosed Sea Urchins—A Phylogenetic and Functional Analysis. Integrative and Comparative Biology, 2010, 50, 571-588.	2.0	17
27	Molecular phylogeny of echinometrid sea urchins: more species of <i>Heliocidaridaris</i> with derived modes of reproduction. Invertebrate Biology, 2011, 130, 175-185.	0.9	13
28	The nonfeeding auricularia of <i>Holothuria mexicana</i> (Echinodermata, Holothuroidea). Invertebrate Biology, 2016, 135, 245-251.	0.9	10
29	Direct development of the brittle star <i>Amphiodia occidentalis</i> (Ophiuroidea, Amphiuroidae) from the northeastern Pacific Ocean. Invertebrate Biology, 2006, 125, 154-171.	0.9	8
30	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
31	LOW RATES OF BINDIN CODON EVOLUTION IN LECITHOTROPHIC HELIOCIDARIS SEA URCHINS. Evolution; International Journal of Organic Evolution, 2012, 66, 1709-1721.	2.3	7
32	Environmental cues and seasonal reproduction in a temperate estuary: a case study of <i>Owenia collaris</i> (Annelida: Polychaeta, Oweniidae). Marine Ecology, 2012, 33, 290-301.	1.1	7
33	Permanently Fused Setules Create Unusual Folding Fans Used for Swimming in Cyprid Larvae of Barnacles. Biological Bulletin, 2018, 235, 185-194.	1.8	7
34	The Bilaterally Asymmetrical Larval Form of <i>Stomopneustes variolaris</i> (Lamarck). Biological Bulletin, 2009, 216, 163-174.	1.8	5
35	Biological Bulletin Virtual Symposium: Biology of Marine Invertebrate Larvae. Biological Bulletin, 2009, 216, 201-202.	1.8	3
36	Sexually dimorphic sea urchins: identifying the sexes in <i>Pentechinus mirabilis</i>. Alcheringa, 2003, 27, 117-123.	1.2	2

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37	Natural radiolabel damage and regeneration in the feather duster worm <i>Schizobranchia insignis</i> . <i>Invertebrate Biology</i> , 2020, 139, e12307.	0.9	2
38	<i>Gorgonocephalus eucnemis</i> (Echinodermata: Ophiuroidea) and Bursal Ventilation. <i>Biological Bulletin</i> , 2020, 238, 193-205.	1.8	2
39	Swimming Kinematics of Cyprids of the Barnacle <i>Balanus glandula</i> . <i>Integrative and Comparative Biology</i> , 2021, , .	2.0	2
40	Direct Observation of the Setular Web That Fuses Thoracopodal Setae of a Calanoid Copepod into a Collapsible Fan. <i>Biological Bulletin</i> , 2020, 238, 73-79.	1.8	2
41	Metamorphosis of Barnacle Nauplii: Effects of Food Variability and a Comparison with Amphibian Models. <i>Ecology</i> , 2000, 81, 3495.	3.2	2
42	What is a juvenile sea urchin? A comparative and phylogenetic survey of post-metamorphic juveniles. <i>Zygote</i> , 1999, 8, S44-S45.	1.1	1
43	The parachute function of the hull in eggs of <i>Mopalia kennerleyi</i> (Chitonida: Mopaliidae), and swimming of its larvae through ontogeny. <i>Invertebrate Biology</i> , 2015, 134, 31-37.	0.9	1