

Jan A Pechenik

List of Publications by Year in descending order

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92
papers

4,511
citations

109137

35
h-index

106150

65
g-index

94
all docs

94
docs citations

94
times ranked

2085
citing authors

#	ARTICLE	IF	CITATIONS
1	Latent effects of intertidal encapsulated development on juvenile fitness of the marine snail <i>Acanthina monodon</i> . <i>Marine Biology</i> , 2022, 169, 1.	0.7	4
2	Capture of conspecific planktonic larvae by the suspension-feeding gastropod <i>Crepidula peruviana</i> : association between adult and larval size. <i>Journal of Molluscan Studies</i> , 2021, 87, .	0.4	1
3	Energetic trade-offs: Implications for selection between two bivalve prey species by a carnivorous muricid gastropod. <i>PLoS ONE</i> , 2021, 16, e0250937.	1.1	8
4	Relationship between over-crowding within egg capsules of the marine gastropod <i>Acanthina monodon</i> and prospects for juvenile success. <i>Marine Environmental Research</i> , 2021, 169, 105353.	1.1	5
5	The Marine Gastropod <i>Crepidula fornicata</i> Remains Resilient to Ocean Acidification Across Two Life History Stages. <i>Frontiers in Physiology</i> , 2021, 12, 702864.	1.3	5
6	Parents living in water, embryos developing in air: respiratory adaptations to use both environments in the freshwater gastropod <i>Pomacea figulina</i> (Gastropoda, Ampullariidae). <i>Journal of Molluscan Studies</i> , 2021, 87, .	0.4	0
7	The effects of changes in temperature and salinity on the quality of shells selected by the hermit crab <i>Pagurus longicarpus</i> . <i>Invertebrate Biology</i> , 2021, 140, e12345.	0.3	4
8	Examining the impact of a symbiotic lifestyle on the fecundity of the marine gastropod <i>Crepidula plana</i> . <i>Invertebrate Biology</i> , 2020, 139, e12294.	0.3	2
9	Impact of short-term elevated temperature stress on winter-acclimated individuals of the marine gastropod <i>Crepidula fornicata</i> . <i>Marine Environmental Research</i> , 2020, 162, 105180.	1.1	5
10	Respiratory and desiccation constraints during encapsulated intertidal development of the marine gastropod <i>Acanthina monodon</i> . <i>Marine Environmental Research</i> , 2020, 161, 105120.	1.1	6
11	Instant Ocean <i>Versus</i> Natural Seawater: Impacts on Aspects of Reproduction and Development in Three Marine Invertebrates. <i>Biological Bulletin</i> , 2019, 237, 16-25.	0.7	4
12	Impact of ocean acidification on growth, onset of competence, and perception of cues for metamorphosis in larvae of the slippershell snail, <i>Crepidula fornicata</i> . <i>Marine Biology</i> , 2019, 166, 1.	0.7	7
13	Legacy of Multiple Stressors: Responses of Gastropod Larvae and Juveniles to Ocean Acidification and Nutrition. <i>Biological Bulletin</i> , 2019, 236, 159-173.	0.7	11
14	Volcanic ash in the water column: Physiological impact on the suspension-feeding bivalve <i>Mytilus chilensis</i> . <i>Marine Pollution Bulletin</i> , 2018, 127, 342-351.	2.3	12
15	Resilience of Atlantic Slippershell <i>Crepidula fornicata</i> Larvae in the Face of Severe Coastal Acidification. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	21
16	Temperature and Salinity Effects on Shell Selection by the Hermit Crab <i>Pagurus longicarpus</i> . <i>Biological Bulletin</i> , 2018, 235, 178-184.	0.7	7
17	Pre-hatching development in the intertidal zone negatively affects juvenile survival and physiology in the muricid gastropod <i>Acanthina monodon</i> . <i>Marine Biology</i> , 2018, 165, 1.	0.7	10
18	The effect of age at metamorphosis on the transition from larval to adult suspension-feeding of the slipper limpet <i>Crepidula fornicata</i> . <i>Invertebrate Biology</i> , 2017, 136, 159-170.	0.3	3

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19	Fecundity of the invasive marine gastropod <i>Crepidula fornicata</i> near the current northern extreme of its range. <i>Invertebrate Biology</i> , 2017, 136, 394-402.	0.3	25
20	Transcriptomic Basis of Metamorphic Competence in the Salt-Marsh-Dwelling Polychaete <i>Capitella teleta</i> . <i>Biological Bulletin</i> , 2017, 232, 158-170.	0.7	6
21	Effects of Embryonic Exposure to Salinity Stress or Hypoxia on Post-metamorphic Growth and Survival of the Polychaete <i>Capitella teleta</i> . <i>Biological Bulletin</i> , 2016, 231, 103-112.	0.7	9
22	Post-metamorphic impact of brief hyposaline stress on recently hatched veligers of the gastropod <i>Crepidatella peruviana</i> (Calypttraeidae). <i>Marine Biology</i> , 2016, 163, 1.	0.7	12
23	Role of the Substrate in Feeding and Growth of the Marine Suspension-Feeding Gastropods <i>Crepidula fornicata</i> and <i>Crepidatella peruviana</i> . <i>Biological Bulletin</i> , 2015, 229, 289-298.	0.7	9
24	Larval diet alters larval growth rates and post-metamorphic performance in the marine gastropod <i>Crepidula fornicata</i> . <i>Marine Biology</i> , 2015, 162, 1597-1610.	0.7	37
25	The interactive influence of temperature and salinity on larval and juvenile growth in the gastropod <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 470, 78-91.	0.7	38
26	Differences in feeding adaptations in intertidal and subtidal suspension-feeding gastropods: studies on <i>Crepidula fornicata</i> and <i>Crepidatella peruviana</i> . <i>Marine Biology</i> , 2015, 162, 1047-1059.	0.7	10
27	Influence of the commensal gastropod <i>Crepidula plana</i> on shell choice by the marine hermit crab <i>Pagurus longicarpus</i> , with an assessment of the degree of stress caused by different eviction techniques. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 469, 18-26.	0.7	9
28	Brooding in the Chilean Oyster <i>Ostrea chilensis</i> : Unexpected Complexity in the Movements of Brooded Offspring within the Mantle Cavity. <i>PLoS ONE</i> , 2015, 10, e0122859.	1.1	16
29	Effects of Low Salinity on Adult Behavior and Larval Performance in the Intertidal Gastropod <i>Crepidatella peruviana</i> (Calypttraeidae). <i>PLoS ONE</i> , 2014, 9, e103820.	1.1	22
30	The B Vitamins Nicotinamide (B3) and Riboflavin (B2) Stimulate Metamorphosis in Larvae of the Deposit-Feeding Polychaete <i>Capitella teleta</i> : Implications for a Sensory Ligand-Gated Ion Channel. <i>PLoS ONE</i> , 2014, 9, e109535.	1.1	11
31	Consequences of maternal isolation from salinity stress for brooded embryos and future juveniles in the estuarine direct-developing gastropod <i>Crepidatella dilatata</i> . <i>Marine Biology</i> , 2014, 161, 619-629.	0.7	10
32	The Marine Gastropods <i>Crepidula plana</i> and <i>Crepidula convexa</i> Do Not Serve as First Intermediate Hosts for Larval Trematode Development. <i>Comparative Parasitology</i> , 2012, 79, 5-8.	0.0	5
33	Inhibitors of nitric oxide synthase induce larval settlement and metamorphosis of the polychaete annelid <i>Capitella teleta</i> . <i>Invertebrate Reproduction and Development</i> , 2012, 56, 1-13.	0.3	30
34	Comparing biochemical changes and energetic costs in gastropods with different developmental modes: <i>Crepidatella dilatata</i> and <i>C. fecunda</i> . <i>Marine Biology</i> , 2012, 159, 45-56.	0.7	17
35	Low salinity stress experienced by larvae does not affect post-metamorphic growth or survival in three calypttraeid gastropods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 397, 94-105.	0.7	30
36	Understanding the Effects of Low Salinity on Fertilization Success and Early Development in the Sand Dollar <i>Echinarachnius parma</i> . <i>Biological Bulletin</i> , 2010, 218, 189-199.	0.7	41

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37	Predation on juveniles of <i>Crepidula fornicata</i> by two crustaceans and two gastropods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 384, 91-98.	0.7	16
38	Experimental induction of larval metamorphosis by a naturally-produced halogenated compound (dibromomethane) in the invasive mollusc <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 393, 71-77.	0.7	25
39	Do sex-changing male snails use mate choice to get a jump on their "size advantage"? <i>Marine Biology</i> , 2009, 156, 2173-2180.	0.7	5
40	When is a male not a male? Sex recognition and choice in two sex-changing species. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1779-1786.	0.6	13
41	Competition for food in the larvae of two marine molluscs, <i>Crepidula fornicata</i> and <i>Crassostrea gigas</i> . <i>Aquatic Living Resources</i> , 2008, 21, 197-205.	0.5	28
42	Effects of Salinity on Spawning and Early Development of the Tube-Building Polychaete <i>Hydroides elegans</i> in Hong Kong: Not Just the Sperm's Fault?. <i>Biological Bulletin</i> , 2007, 212, 151-160.	0.7	26
43	Nitric Oxide Inhibits Metamorphosis in Larvae of <i>Crepidula fornicata</i> , the Slippershell Snail. <i>Biological Bulletin</i> , 2007, 213, 160-171.	0.7	60
44	Influence of bacteria and diatoms in biofilms on metamorphosis of the marine slipper limpet <i>Crepidula onyx</i> . <i>Marine Biology</i> , 2007, 151, 1417-1431.	0.7	43
45	Larval experience and latent effects—metamorphosis is not a new beginning. <i>Integrative and Comparative Biology</i> , 2006, 46, 323-333.	0.9	465
46	Susceptibility of larval <i>Crepidula fornicata</i> to predation by suspension-feeding adults. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 306, 75-94.	0.7	24
47	A forced association between the slipper snail <i>Crepidula convexa</i> and the hermit crab <i>Pagurus longicarpus</i> —possible influence from a third party. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 311, 339-354.	0.7	9
48	Effects of temperature, salinity, and air exposure on development of the estuarine pulmonate gastropod <i>Amphibola crenata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 292, 159-176.	0.7	32
49	Timing Is Everything: The Effects of Putative Dopamine Antagonists on Metamorphosis Vary With Larval Age and Experimental Duration in the Prosobranch Gastropod <i>Crepidula fornicata</i> . <i>Biological Bulletin</i> , 2002, 202, 137-147.	0.7	60
50	Relationships between larval nutritional experience, larval growth rates, juvenile growth rates, and juvenile feeding rates in the prosobranch gastropod <i>Crepidula fornicata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2002, 280, 63-78.	0.7	78
51	Influence of lowered salinity and elevated cadmium on the survival and metamorphosis of trochophores in <i>Capitella</i> sp. I. <i>Invertebrate Biology</i> , 2001, 120, 142-148.	0.3	16
52	<i>Crepidula fornicata</i> is not a first intermediate host for trematodes: who is?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 261, 211-224.	0.7	32
53	Factors selecting for avoidance of drilled shells by the hermit crab <i>Pagurus longicarpus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 262, 75-89.	0.7	34
54	Influence of larval exposure to salinity and cadmium stress on juvenile performance of two marine invertebrates (<i>Capitella</i> sp. I and <i>Crepidula fornicata</i>). <i>Journal of Experimental Marine Biology and Ecology</i> , 2001, 264, 101-114.	0.7	32

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55	Influence of delayed metamorphosis on postsettlement survival and growth in the sipunculan <i>Apionsoma misakianum</i> . <i>Invertebrate Biology</i> , 2001, 120, 50-57.	0.3	22
56	Avoidance of drilled gastropod shells by the hermit crab <i>Pagurus longicarpus</i> at Nahant, Massachusetts. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 253, 17-32.	0.7	51
57	Evaluating whether velar lobe size indicates food limitation among larvae of the marine gastropod <i>Crepidula fornicata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 252, 255-279.	0.7	43
58	Effects of reduced salinity on survival, growth, reproductive success, and energetics of the euryhaline polychaete <i>Capitella</i> sp. I. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 254, 19-35.	0.7	37
59	Relationship between sediment organic content, metamorphosis, and postlarval performance in the deposit-feeding polychaete <i>Capitella</i> sp. I. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 240, 1-18.	0.7	31
60	Onset and maintenance of metamorphic competence in the marine polychaete <i>Hydroides elegans</i> Haswell in response to three chemical cues. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 226, 51-74.	0.7	68
61	Effects of larval starvation and delayed metamorphosis on juvenile survival and growth of the tube-dwelling polychaete <i>Hydroides elegans</i> (Haswell). <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 227, 169-185.	0.7	93
62	Metamorphosis Is Not a New Beginning. <i>BioScience</i> , 1998, 48, 901-910.	2.2	309
63	TEMPORAL VARIATION IN CYPRID QUALITY AND JUVENILE GROWTH CAPACITY FOR AN INTERTIDAL BARNACLE. <i>Ecology</i> , 1997, 78, 1262-1265.	1.5	80
64	Food limitation stimulates metamorphosis of competent larvae and alters postmetamorphic growth rate in the marine prosobranch gastropod <i>Crepidula fornicata</i> . <i>Marine Biology</i> , 1996, 127, 267-275.	0.7	96
65	The effect of starvation on acquisition of competence and post-metamorphic performance in the marine prosobranch gastropod <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 199, 137-152.	0.7	105
66	Relationship between larval and juvenile growth rates in two marine gastropods, <i>Crepidula plana</i> and <i>C. fornicata</i> . <i>Marine Biology</i> , 1996, 125, 119-127.	0.7	37
67	Assessing whether larvae of the opisthobranch gastropod <i>Phestilla sibogae</i> Bergh become responsive to three chemical cues at the same age. <i>Journal of Experimental Marine Biology and Ecology</i> , 1995, 191, 1-17.	0.7	33
68	Effect of temperature on survival and infectivity of <i>Echinostoma trivolvis</i> cercariae: a test of the energy limitation hypothesis. <i>Parasitology</i> , 1995, 111, 373-378.	0.7	104
69	Influence of delayed metamorphosis on survival and growth of juvenile barnacles <i>Balanus amphitrite</i> . <i>Marine Biology</i> , 1993, 115, 287-294.	0.7	156
70	Onset of metamorphic competence in larvae of the gastropod <i>Crepidula fornicata</i> (L.), judged by a natural and an artificial cue. <i>Journal of Experimental Marine Biology and Ecology</i> , 1993, 167, 59-72.	0.7	94
71	Influence of delayed metamorphosis on survival, growth, and reproduction of the marine polychaete <i>Capitella</i> sp. I. <i>Journal of Experimental Marine Biology and Ecology</i> , 1991, 151, 17-27.	0.7	95
72	How Do Temperature and Salinity Affect Relative Rates of Growth, Morphological Differentiation, and Time to Metamorphic Competence in Larvae of the Marine Gastropod <i>Crepidula plana</i> ?. <i>Biological Bulletin</i> , 1991, 180, 372-386.	0.7	66

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73	Delayed metamorphosis by larvae of benthic marine invertebrates: Does it occur? Is there a price to pay?. <i>Ophelia</i> , 1990, 32, 63-94.	0.3	291
74	The influence of food concentration and temperature on growth and morphological differentiation of blue mussel <i>Mytilus edulis</i> L. larvae. <i>Journal of Experimental Marine Biology and Ecology</i> , 1990, 136, 47-64.	0.7	85
75	Influence of Delayed Metamorphosis on the Growth and Metabolism of Young <i>Crepidula fornicata</i> (Gastropoda) Juveniles. <i>Biological Bulletin</i> , 1989, 176, 14-24.	0.7	78
76	Effects of duration of larval swimming period on early colony development in <i>Bugula stolonifera</i> (Bryozoa: Cheilostomata). <i>Marine Biology</i> , 1989, 102, 57-63.	0.7	77
77	Comparison of growth, respiration and feeding of juvenile <i>Crepidula fornicata</i> (L.) following natural or KCl-triggered metamorphosis. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988, 118, 269-279.	0.7	43
78	Comparison of larval bioenergetics of two marine gastropods with widely differing lengths of planktonic life, <i>Thais haemastoma canaliculata</i> (Gray) and <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1987, 109, 173-191.	0.7	21
79	Using KCl to determine size at competence for larvae of the marine gastropod <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1987, 112, 27-38.	0.7	121
80	Field evidence for delayed metamorphosis of larval gastropods: <i>Crepidula plana</i> Say, <i>C. fornicata</i> (L.), and <i>Bittium alternatum</i> (Say). <i>Journal of Experimental Marine Biology and Ecology</i> , 1986, 97, 313-319.	0.7	29
81	The influence of temperature on growth rate and length of larval life of the gastropod, <i>Crepidula plana</i> Say. <i>Journal of Experimental Marine Biology and Ecology</i> , 1985, 90, 55-71.	0.7	50
82	Influence of temperature and temperature shifts on the development of chiton larvae, <i>Mopalia muscosa</i> . <i>International Journal of Invertebrate Reproduction and Development</i> , 1984, 7, 3-12.	0.8	12
83	RELATIONSHIP BETWEEN GROWTH, DIFFERENTIATION, AND LENGTH OF LARVAL LIFE FOR INDIVIDUALLY REARED LARVAE OF THE MARINE GASTROPOD, <i>CREPIDULA FORNICATA</i> . <i>Biological Bulletin</i> , 1984, 166, 537-549.	0.7	75
84	The relationship between temperature, growth rate, and duration of planktonic life for larvae of the gastropod <i>Crepidula fornicata</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1984, 74, 241-257.	0.7	125
85	Increased Susceptibility to No. 2 Fuel Oil Coincident with Initiation of Particle Feeding in Developing Mud Snails, <i>Ilyanassa obsoleta</i> . <i>Estuaries and Coasts</i> , 1983, 6, 237.	1.7	6
86	Egg capsules of <i>nucella lapillus</i> (L.) Protect against low-salinity stress. <i>Journal of Experimental Marine Biology and Ecology</i> , 1983, 71, 165-179.	0.7	68
87	Ability of some gastropod egg capsules to protect against low-salinity stress. <i>Journal of Experimental Marine Biology and Ecology</i> , 1982, 63, 195-208.	0.7	56
88	Growth and energy balance during the larval lives of three prosobranch gastropods. <i>Journal of Experimental Marine Biology and Ecology</i> , 1980, 44, 1-28.	0.7	131
89	Feeding, assimilation, and growth of mud snail larvae, <i>Nassarius obsoleyus</i> (Say), on three different algal diets. <i>Journal of Experimental Marine Biology and Ecology</i> , 1979, 38, 57-80.	0.7	38
90	Role of Encapsulation in Invertebrate Life Histories. <i>American Naturalist</i> , 1979, 114, 859-870.	1.0	154

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91	ADAPTATIONS TO INTERTIDAL DEVELOPMENT : STUDIES ON NASSARIUS OBSOLETUS. Biological Bulletin, 1978, 154, 282-291.	0.7	43
92	THE ESCAPE OF VELIGERS FROM THE EGG CAPSULES OF NASSARIUS OBSOLETUS AND NASSARIUS TRIVITTATUS (GASTROPODA, PROSOBRANCHIA). Biological Bulletin, 1975, 149, 580-589.	0.7	38