

Dustin J Marshall

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

10,068
citations

53939

47
h-index

49824

91
g-index

187
all docs

187
docs citations

187
times ranked

9617
citing authors

#	ARTICLE	IF	CITATIONS
1	Projecting Coral Reef Futures Under Global Warming and Ocean Acidification. <i>Science</i> , 2011, 333, 418-422.	6.0	1,001
2	When is a maternal effect adaptive?. <i>Oikos</i> , 2007, 116, 1957-1963.	1.2	692
3	Fish reproductive-energy output increases disproportionately with body size. <i>Science</i> , 2018, 360, 642-645.	6.0	397
4	Predicting evolutionary responses to climate change in the sea. <i>Ecology Letters</i> , 2013, 16, 1488-1500.	3.0	340
5	Adaptive parental effects: the importance of estimating environmental predictability and offspring fitness appropriately. <i>Oikos</i> , 2014, 123, 769-776.	1.2	245
6	Offspring Size Plasticity in Response to Intraspecific Competition: An Adaptive Maternal Effect across Life-History Stages. <i>American Naturalist</i> , 2008, 171, 225-237.	1.0	236
7	Phenotype-environment mismatches reduce connectivity in the sea. <i>Ecology Letters</i> , 2010, 13, 128-140.	3.0	234
8	Variation in the dispersal potential of non-feeding invertebrate larvae: the desperate larva hypothesis and larval size. <i>Marine Ecology - Progress Series</i> , 2003, 255, 145-153.	0.9	204
9	TRANSGENERATIONAL PLASTICITY IN THE SEA: CONTEXT-DEPENDENT MATERNAL EFFECTS ACROSS THE LIFE HISTORY. <i>Ecology</i> , 2008, 89, 418-427.	1.5	199
10	Coping with environmental uncertainty: dynamic bet hedging as a maternal effect. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1087-1096.	1.8	188
11	The Evolutionary Ecology of Offspring Size in Marine Invertebrates. <i>Advances in Marine Biology</i> , 2007, 53, 1-60.	0.7	173
12	OFFSPRING SIZE AFFECTS THE POST-METAMORPHIC PERFORMANCE OF A COLONIAL MARINE INVERTEBRATE. <i>Ecology</i> , 2003, 84, 3131-3137.	1.5	161
13	Ecological and Evolutionary Consequences of Linked Life-History Stages in the Sea. <i>Current Biology</i> , 2011, 21, R718-R725.	1.8	158
14	Understanding interactions between plasticity, adaptation and range shifts in response to marine environmental change. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180186.	1.8	145
15	OFFSPRING SIZE VARIATION WITHIN BROODS AS A BET-HEDGING STRATEGY IN UNPREDICTABLE ENVIRONMENTS. <i>Ecology</i> , 2008, 89, 2506-2517.	1.5	144
16	The Biogeography of Marine Invertebrate Life Histories. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 97-114.	3.8	133
17	MALE-BY-FEMALE INTERACTIONS INFLUENCE FERTILIZATION SUCCESS AND MEDIATE THE BENEFITS OF POLYANDRY IN THE SEA URCHIN <i>HELIODARIS ERYTHROGRAMMA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 106-112.	1.1	129
18	The relationship between maternal phenotype and offspring quality: Do older mothers really produce the best offspring?. <i>Ecology</i> , 2010, 91, 2862-2873.	1.5	128

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19	Understanding variation in metabolic rate. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	123
20	OFFSPRING SIZE EFFECTS MEDIATE COMPETITIVE INTERACTIONS IN A COLONIAL MARINE INVERTEBRATE. <i>Ecology</i> , 2006, 87, 214-225.	1.5	118
21	Temperature-induced maternal effects and environmental predictability. <i>Journal of Experimental Biology</i> , 2011, 214, 2329-2336.	0.8	113
22	Larval activity levels and delayed metamorphosis affect post-larval performance in the colonial ascidian <i>Diplosoma listerianum</i> . <i>Marine Ecology - Progress Series</i> , 2003, 246, 153-162.	0.9	105
23	Gamete plasticity in a broadcast spawning marine invertebrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13508-13513.	3.3	89
24	Transgenerational plasticity and environmental stress: do paternal effects act as a conduit or a buffer?. <i>Functional Ecology</i> , 2016, 30, 1175-1184.	1.7	88
25	Adaptive paternal effects? Experimental evidence that the paternal environment affects offspring performance. <i>Ecology</i> , 2013, 94, 2575-2582.	1.5	87
26	The origin and maintenance of metabolic allometry in animals. <i>Nature Ecology and Evolution</i> , 2019, 3, 598-603.	3.4	86
27	Environmental stress, facilitation, competition, and coexistence. <i>Ecology</i> , 2013, 94, 2719-2731.	1.5	84
28	Desperate larvae: influence of deferred costs and habitat requirements on habitat selection. <i>Marine Ecology - Progress Series</i> , 2007, 335, 143-153.	0.9	77
29	SOURCES OF GENETIC AND PHENOTYPIC VARIANCE IN FERTILIZATION RATES AND LARVAL TRAITS IN A SEA URCHIN. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2832-2838.	1.1	76
30	The Relationship between Offspring Size and Performance in the Sea. <i>American Naturalist</i> , 2008, 171, 214-224.	1.0	76
31	How do dispersal costs and habitat selection influence realized population connectivity?. <i>Ecology</i> , 2012, 93, 1378-1387.	1.5	75
32	Deconstructing environmental predictability: seasonality, environmental colour and the biogeography of marine life histories. <i>Ecology Letters</i> , 2015, 18, 174-181.	3.0	67
33	A Manipulative Test of Competing Theories for Metabolic Scaling. <i>American Naturalist</i> , 2011, 178, 746-754.	1.0	65
34	In situ measures of spawning synchrony and fertilization success in an intertidal, free-spawning invertebrate. <i>Marine Ecology - Progress Series</i> , 2002, 236, 113-119.	0.9	64
35	Adaptive maternal and paternal effects: gamete plasticity in response to parental stress. <i>Functional Ecology</i> , 2014, 28, 724-733.	1.7	63
36	Intraspecific co-variation between egg and body size affects fertilisation kinetics of free-spawning marine invertebrates. <i>Marine Ecology - Progress Series</i> , 2000, 195, 305-309.	0.9	63

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37	Variable effects of larval size on post-metamorphic performance in the field. <i>Marine Ecology - Progress Series</i> , 2004, 279, 73-80.	0.9	63
38	Sperm environment affects offspring quality in broadcast spawning marine invertebrates. <i>Ecology Letters</i> , 2002, 5, 173-176.	3.0	62
39	Competition in benthic marine invertebrates: the unrecognized role of exploitative competition for oxygen. <i>Ecology</i> , 2013, 94, 126-135.	1.5	62
40	Complex life cycles and offspring provisioning in marine invertebrates. <i>Integrative and Comparative Biology</i> , 2006, 46, 643-651.	0.9	59
41	Fertilisation is not a new beginning: sperm environment affects offspring developmental success. <i>Journal of Experimental Biology</i> , 2013, 216, 3104-9.	0.8	58
42	Metabolic rate covaries with fitness and the pace of the life history in the field. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160323.	1.2	58
43	The benefits of polyandry in the free-spawning polychaete <i>Galeolaria caespitosa</i> . <i>Journal of Evolutionary Biology</i> , 2005, 18, 735-741.	0.8	57
44	Have We Outgrown the Existing Models of Growth?. <i>Trends in Ecology and Evolution</i> , 2019, 34, 102-111.	4.2	56
45	Are numbers enough? Colonizer phenotype and abundance interact to affect population dynamics. <i>Journal of Animal Ecology</i> , 2011, 80, 681-687.	1.3	55
46	Linking life history theory and metabolic theory explains the offspring size-temperature relationship. <i>Ecology Letters</i> , 2019, 22, 518-526.	3.0	54
47	Underestimating the benefits of marine protected areas for the replenishment of fished populations. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 407-413.	1.9	53
48	Global biogeography of marine dispersal potential. <i>Nature Ecology and Evolution</i> , 2020, 4, 1196-1203.	3.4	53
49	Effects of settler size and density on early post-settlement survival of <i>Ciona intestinalis</i> in the field. <i>Marine Ecology - Progress Series</i> , 2003, 259, 139-144.	0.9	52
50	FITNESS CONSEQUENCES OF LARVAL TRAITS PERSIST ACROSS THE METAMORPHIC BOUNDARY. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3079-3089.	1.1	51
51	A global synthesis of offspring size variation, its eco-evolutionary causes and consequences. <i>Functional Ecology</i> , 2018, 32, 1436-1446.	1.7	50
52	Effects of Egg Size on the Development Time of Non-feeding Larvae. <i>Biological Bulletin</i> , 2007, 212, 6-11.	0.7	49
53	Limiting resources in sessile systems: food enhances diversity and growth of suspension feeders despite available space. <i>Ecology</i> , 2015, 96, 819-827.	1.5	49
54	Spatial arrangement affects population dynamics and competition independent of community composition. <i>Ecology</i> , 2009, 90, 1485-1491.	1.5	48

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55	Cell size, photosynthesis and the package effect: an artificial selection approach. <i>New Phytologist</i> , 2018, 219, 449-461.	3.5	48
56	Why do colder mothers produce larger eggs? An optimality approach. <i>Journal of Experimental Biology</i> , 2010, 213, 3796-3801.	0.8	47
57	Reliably estimating the effect of toxicants on fertilization success in marine broadcast spawners. <i>Marine Pollution Bulletin</i> , 2006, 52, 734-738.	2.3	45
58	THE QUICK AND THE DEAD? SPERM COMPETITION AND SEXUAL CONFLICT IN SEA. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2693-2700.	1.1	44
59	Reevaluating suitable habitat for reintroductions: lessons learnt from the eastern barred bandicoot recovery program. <i>Animal Conservation</i> , 2010, 13, 184-195.	1.5	44
60	The genetic covariance between life cycle stages separated by metamorphosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141091.	1.2	44
61	Do Genetic Diversity Effects Drive the Benefits Associated with Multiple Mating? A Test in a Marine Invertebrate. <i>PLoS ONE</i> , 2009, 4, e6347.	1.1	43
62	Estimating physiological tolerances - a comparison of traditional approaches to nonlinear regression techniques. <i>Journal of Experimental Biology</i> , 2013, 216, 2176-82.	0.8	43
63	The relative energetic costs of the larval period, larval swimming and metamorphosis for the ascidian <i>Diplosoma listerianum</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2005, 38, 21-29.	0.4	41
64	Why does offspring size affect performance? Integrating metabolic scaling with life-history theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151946.	1.2	41
65	When the going gets rough: effect of maternal size manipulation on larval quality. <i>Marine Ecology - Progress Series</i> , 2004, 272, 301-305.	0.9	41
66	Developmental cost theory predicts thermal environment and vulnerability to global warming. <i>Nature Ecology and Evolution</i> , 2020, 4, 406-411.	3.4	40
67	Copper reduces fertilisation success and exacerbates Allee effects in the field. <i>Marine Ecology - Progress Series</i> , 2007, 333, 51-60.	0.9	40
68	GENETIC MECHANISMS OF POLLUTION RESISTANCE IN A MARINE INVERTEBRATE. <i>Ecological Applications</i> , 2007, 17, 2290-2297.	1.8	39
69	Genetic diversity increases population productivity in a sessile marine invertebrate. <i>Ecology</i> , 2012, 93, 1134-1142.	1.5	37
70	DOES GENETIC DIVERSITY REDUCE SIBLING COMPETITION?. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 94-102.	1.1	37
71	Global change, life-history complexity and the potential for evolutionary rescue. <i>Evolutionary Applications</i> , 2016, 9, 1189-1201.	1.5	37
72	Less inhibited with age? Larval age modifies responses to natural settlement inhibitors. <i>Biofouling</i> , 2006, 22, 101-106.	0.8	36

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73	Non-lethal effects of an invasive species in the marine environment: the importance of early life-history stages. <i>Oecologia</i> , 2009, 159, 873-882.	0.9	34
74	Does interspecific competition affect offspring provisioning. <i>Ecology</i> , 2009, 90, 487-495.	1.5	34
75	Does the relationship between offspring size and performance change across the life-history?. <i>Oikos</i> , 2010, 119, 154-162.	1.2	34
76	Family conflicts in the sea. <i>Trends in Ecology and Evolution</i> , 2010, 25, 442-449.	4.2	34
77	Estimating monotonic rates from biological data using local linear regression. <i>Journal of Experimental Biology</i> , 2017, 220, 759-764.	0.8	34
78	How does parental environment influence the potential for adaptation to global change?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181374.	1.2	34
79	Male-by-female interactions influence fertilization success and mediate the benefits of polyandry in the sea urchin <i>Heliocidaris erythrogramma</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 106-12.	1.1	34
80	Environmentally induced (co)variance in sperm and offspring phenotypes as a source of epigenetic effects. <i>Journal of Experimental Biology</i> , 2015, 218, 107-113.	0.8	33
81	Consequences of spawning at low tide: limited gamete dispersal for a rockpool anemone. <i>Marine Ecology - Progress Series</i> , 2004, 266, 135-142.	0.9	33
82	Do invasive species live faster? Mass-specific metabolic rate depends on growth form and invasion status. <i>Functional Ecology</i> , 2017, 31, 2080-2086.	1.7	32
83	Fertilization Is Not a New Beginning: The Relationship between Sperm Longevity and Offspring Performance. <i>PLoS ONE</i> , 2012, 7, e49167.	1.1	31
84	Reproductive hyperallometry and managing the world's fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	31
85	Revealing hidden evolutionary capacity to cope with global change. <i>Global Change Biology</i> , 2015, 21, 3356-3366.	4.2	30
86	Do low oxygen environments facilitate marine invasions? Relative tolerance of native and invasive species to low oxygen conditions. <i>Global Change Biology</i> , 2017, 23, 2321-2330.	4.2	30
87	Context-dependent genetic benefits of polyandry in a marine hermaphrodite. <i>Biology Letters</i> , 2007, 3, 685-688.	1.0	29
88	Circulation constrains the evolution of larval development modes and life histories in the coastal ocean. <i>Ecology</i> , 2014, 95, 1022-1032.	1.5	29
89	Global environmental drivers of marine fish egg size. <i>Global Ecology and Biogeography</i> , 2018, 27, 890-898.	2.7	29
90	Pre-Settlement Behavior in Larval Bryozoans: The Roles of Larval Age and Size. <i>Biological Bulletin</i> , 2009, 216, 344-354.	0.7	28

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91	The early sperm gets the good egg: mating order effects in free spawners. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1585-1589.	1.2	27
92	Does egg competition occur in marine broadcast-spawners?. <i>Journal of Evolutionary Biology</i> , 2005, 18, 1244-1252.	0.8	27
93	THE MAINTENANCE OF SPERM VARIABILITY: CONTEXT-DEPENDENT SELECTION ON SPERM MORPHOLOGY IN A BROADCAST SPAWNING INVERTEBRATE. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 67, no-no.	1.1	27
94	Local Gamete Competition Explains Sex Allocation and Fertilization Strategies in the Sea. <i>American Naturalist</i> , 2014, 184, E32-E49.	1.0	27
95	Ecoenergetic consequences of evolutionary shifts in body size. <i>Ecology Letters</i> , 2018, 21, 54-62.	3.0	27
96	Metabolic rate, context-dependent selection, and the competition-colonization trade-off. <i>Evolution Letters</i> , 2020, 4, 333-344.	1.6	26
97	The larval legacy: cascading effects of recruit phenotype on post-recruitment interactions. <i>Oikos</i> , 2010, 119, 1977-1983.	1.2	25
98	Sizeabundance rules? Evolution changes scaling relationships between size, metabolism and demography. <i>Ecology Letters</i> , 2019, 22, 1407-1416.	3.0	25
99	Propagule size effects across multiple lifehistory stages in a marine invertebrate. <i>Functional Ecology</i> , 2010, 24, 685-693.	1.7	24
100	Larval desperation and histamine: how simple responses can lead to complex changes in larval behaviour. <i>Journal of Experimental Biology</i> , 2007, 210, 3228-3235.	0.8	23
101	Sources of variation in larval quality for free-spawning marine invertebrates: Egg size and the local sperm environment. <i>Invertebrate Reproduction and Development</i> , 2003, 44, 63-70.	0.3	22
102	Costs of dispersal alter optimal offspring size in patchy habitats: combining theory and data for a marine invertebrate. <i>Functional Ecology</i> , 2013, 27, 757-765.	1.7	22
103	Geographical bias in physiological data limits predictions of global change impacts. <i>Functional Ecology</i> , 2021, 35, 1572-1578.	1.7	22
104	Long-term experimental evolution decouples size and production costs in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	22
105	Latitudinal variability in spatial genetic structure in the invasive ascidian, <i>Styela plicata</i> . <i>Marine Biology</i> , 2010, 157, 1955-1965.	0.7	21
106	Minimal increase in genetic diversity enhances predation resistance. <i>Molecular Ecology</i> , 2012, 21, 1741-1753.	2.0	21
107	INTERSPECIFIC COMPETITION ALTERS NONLINEAR SELECTION ON OFFSPRING SIZE IN THE FIELD. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 328-337.	1.1	21
108	Phytoplankton size scaling of netenergy flux across light and biomass gradients. <i>Ecology</i> , 2017, 98, 3106-3115.	1.5	21

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109	The other 96%: Can neglected sources of fitness variation offer new insights into adaptation to global change?. <i>Evolutionary Applications</i> , 2017, 10, 267-275.	1.5	21
110	Advantages and disadvantages of interferenceâ€competitive ability and resourceâ€use efficiency when invading established communities. <i>Oikos</i> , 2012, 121, 396-402.	1.2	20
111	Ecologically relevant levels of multiple, common marine stressors suggest antagonistic effects. <i>Scientific Reports</i> , 2017, 7, 6281.	1.6	20
112	Physical and physiological impacts of ocean warming alter phenotypic selection on sperm morphology. <i>Functional Ecology</i> , 2020, 34, 646-657.	1.7	20
113	Geographical variation in offspring size effects across generations. <i>Oikos</i> , 2005, 108, 602-608.	1.2	19
114	Sperm release strategies in marine broadcast spawners: the costs of releasing sperm quickly. <i>Journal of Experimental Biology</i> , 2007, 210, 3720-3727.	0.8	19
115	Selection on offspring size among environments: the roles of environmental quality and variability. <i>Functional Ecology</i> , 2010, 24, 676-684.	1.7	19
116	The outsized trophic footprint of marine urbanization. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 400-406.	1.9	19
117	Aquatic Life History Trajectories Are Shaped by Selection, Not Oxygen Limitation. <i>Trends in Ecology and Evolution</i> , 2019, 34, 182-184.	4.2	19
118	Is what you see what you get? Visual vs. measured assessments of vegetation condition. <i>Journal of Applied Ecology</i> , 2010, 47, 650-661.	1.9	18
119	Phenotypic links among lifeâ€history stages are complex and contextâ€dependent in a marine invertebrate: interactions among offspring size, larval nutrition and postmetamorphic density. <i>Functional Ecology</i> , 2013, 27, 1358-1366.	1.7	18
120	Faster Is Not Always Better: Selection on Growth Rate Fluctuates across Life History and Environments. <i>American Naturalist</i> , 2014, 183, 798-809.	1.0	18
121	Why do larger mothers produce larger offspring? A test of classic theory. <i>Ecology</i> , 2016, 97, 3452-3459.	1.5	18
122	Geographical gradients in selection can reveal genetic constraints for evolutionary responses to ocean acidification. <i>Biology Letters</i> , 2017, 13, 20160784.	1.0	18
123	Temperature effects on massâ€scaling exponents in colonial animals: a manipulative test. <i>Ecology</i> , 2017, 98, 103-111.	1.5	18
124	Revisiting competition in a classic model system using formal links between theory and data. <i>Ecology</i> , 2012, 93, 2015-2022.	1.5	17
125	Egg Size Effects across Multiple Life-History Stages in the Marine Annelid <i>Hydroides diramphus</i> . <i>PLoS ONE</i> , 2014, 9, e102253.	1.1	17
126	The biogeography of fertilization mode in the sea. <i>Global Ecology and Biogeography</i> , 2015, 24, 1499-1509.	2.7	17

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127	Field manipulations of resources mediate the transition from intraspecific competition to facilitation. <i>Journal of Animal Ecology</i> , 2017, 86, 654-661.	1.3	17
128	Relatedness affects the density, distribution and phenotype of colonisers in four sessile marine invertebrates. <i>Oikos</i> , 2013, 122, 881-888.	1.2	16
129	Does the cost of development scale allometrically with offspring size?. <i>Functional Ecology</i> , 2018, 32, 762-772.	1.7	16
130	Do larger individuals cope with resource fluctuations better? An artificial selection approach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181347.	1.2	16
131	Should We Care If Models Are Phenomenological or Mechanistic?. <i>Trends in Ecology and Evolution</i> , 2019, 34, 276-278.	4.2	16
132	Propagule size and dispersal costs mediate establishment success of an invasive species. <i>Ecology</i> , 2016, 97, 569-575.	1.5	15
133	Unravelling anisogamy: egg size and ejaculate size mediate selection on morphology in free-swimming sperm. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160671.	1.2	15
134	Spatial pattern of distribution of marine invertebrates within a subtidal community: do communities vary more among patches or plots?. <i>Ecology and Evolution</i> , 2016, 6, 8330-8337.	0.8	15
135	Does energy flux predict density dependence? An empirical field test. <i>Ecology</i> , 2017, 98, 3116-3126.	1.5	15
136	Size and density mediate transitions between competition and facilitation. <i>Ecology Letters</i> , 2019, 22, 1879-1888.	3.0	15
137	Influence of food, body size, and fragmentation on metabolic rate in a sessile marine invertebrate. <i>Invertebrate Biology</i> , 2019, 138, 55-66.	0.3	14
138	Testing the drivers of the temperature-size covariance using artificial selection. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 169-178.	1.1	14
139	Genome Size Affects Fitness in the Eukaryotic Alga <i>Dunaliella tertiolecta</i> . <i>Current Biology</i> , 2020, 30, 3450-3456.e3.	1.8	14
140	Cell size influences inorganic carbon acquisition in artificially selected phytoplankton. <i>New Phytologist</i> , 2021, 229, 2647-2659.	3.5	14
141	Change in the rate of shell deposition and shell microstructure in response to shell borers in the abalone <i>Haliotis rubra</i> . <i>Marine and Freshwater Behaviour and Physiology</i> , 2001, 34, 189-195.	0.4	13
142	Associated costs and benefits of a defended phenotype across multiple environments. <i>Functional Ecology</i> , 2010, 24, 1299-1305.	1.7	13
143	Biofilm history and oxygen availability interact to affect habitat selection in a marine invertebrate. <i>Biofouling</i> , 2016, 32, 645-655.	0.8	13
144	Metabolic scaling across succession: Do individual rates predict community-level energy use?. <i>Functional Ecology</i> , 2018, 32, 1447-1456.	1.7	13

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145	Metabolism drives demography in an experimental field test. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	13
146	Genetic Compatibility Underlies Benefits of Mate Choice in an External Fertilizer. <i>American Naturalist</i> , 2016, 187, 647-657.	1.0	12
147	Larger cells have relatively smaller nuclei across the Tree of Life. <i>Evolution Letters</i> , 2021, 5, 306-314.	1.6	12
148	Larval size and age affect colonization in a marine invertebrate. <i>Journal of Experimental Biology</i> , 2014, 217, 3981-7.	0.8	11
149	Offspring size in a resident species affects community assembly. <i>Journal of Animal Ecology</i> , 2014, 83, 322-331.	1.3	11
150	How does spawning frequency scale with body size in marine fishes?. <i>Fish and Fisheries</i> , 2022, 23, 316-323.	2.7	11
151	Phytoplankton diversity affects biomass and energy production differently during community development. <i>Functional Ecology</i> , 2022, 36, 446-457.	1.7	9
152	The Future of Coral Reefsâ€™ Response. <i>Science</i> , 2011, 334, 1495-1496.	6.0	8
153	Should mothers provision their offspring equally? A manipulative field test. <i>Ecology Letters</i> , 2017, 20, 1025-1033.	3.0	8
154	Testing MacArthur's minimisation principle: do communities minimise energy wastage during succession?. <i>Ecology Letters</i> , 2018, 21, 1182-1190.	3.0	8
155	Eggs with larger accessory structures are more likely to be fertilized in both low and high sperm concentrations in <i>Styela plicata</i> (Ascidiaceae). <i>Marine Biology</i> , 2015, 162, 2251-2256.	0.7	7
156	Quantifying the role of colonization history and biotic interactions in shaping communities â€™a community transplant approach. <i>Oikos</i> , 2017, 126, .	1.2	7
157	Plastic but not adaptive: habitatâ€™driven differences in metabolic rate despite no differences in selection between habitats. <i>Oikos</i> , 2021, 130, 931-942.	1.2	7
158	Predicting the response of disease vectors to global change: The importance of allometric scaling. <i>Global Change Biology</i> , 2022, 28, 390-402.	4.2	7
159	Environmentâ€™dependent variation in selection on life history across small spatial scales. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2404-2410.	1.1	6
160	The Evolution of Reproductive Phenology in Broadcast Spawners and the Maintenance of Sexually Antagonistic Polymorphism. <i>American Naturalist</i> , 2017, 189, 153-169.	1.0	6
161	Beneficial Mutations from Evolution Experiments Increase Rates of Growth and Fermentation. <i>Journal of Molecular Evolution</i> , 2018, 86, 111-117.	0.8	6
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164	Relative contributions of offspring quality and environmental quality to adult field performance. <i>Oikos</i> , 2016, 125, 210-217.	1.2	5
165	Temperatureâ€•mediated variation in selection on offspring size: A multiâ€•cohort field study. <i>Functional Ecology</i> , 2021, 35, 2219-2228.	1.7	5
166	Dispersal duration mediates selection on offspring size. <i>Oikos</i> , 2017, 126, 480-487.	1.2	4
167	Biochemical evolution in response to intensive harvesting in algae: Evolution of quality and quantity. <i>Evolutionary Applications</i> , 2018, 11, 1389-1400.	1.5	4
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182	Two sexes, one body: intra- and intersex covariation of gamete phenotypes in simultaneous hermaphrodites. <i>Ecology and Evolution</i> , 2014, 4, 1340-1346.	0.8	1
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