

Elizabeth G Boulding

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/5675359/publications.pdf](https://exaly.com/author-pdf/5675359/publications.pdf)

Version: 2025-02-01

74
papers

2,976
citations

151366

29
h-index

143232

54
g-index

76
all docs

76
docs citations

76
times ranked

2697
citing authors

#	ARTICLE	IF	CITATIONS
1	Strike a pose: Does communication by a facultative cleaner fish, the cunner wrasse (<i>Tautoglabrus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Science, 2021, 236, 105275.	1.7	4
2	Genome wide analysis of infectious salmon anemia resistance in commercial Saint John River Atlantic salmon. Aquaculture, 2020, 514, 734514.	3.9	14
3	Mapping quantitative trait loci for infectious salmon anaemia resistance in a North American strain of Atlantic salmon. Aquaculture Research, 2020, 51, 80-90.	1.9	3
4	Periodic invasions during El Niño events by the predatory lined shore crab (<i>Pachygrapsus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 (<i>Littorina</i> spp.). Canadian Journal of Zoology, 2020, 98, 787-797.	1.5	4
5	Family-based genome wide association analysis for salmon lice (<i>Lepeophtheirus salmonis</i>) resistance in North American Atlantic salmon using a 50K SNP array. Aquaculture, 2019, 511, 734215.	3.9	12
6	Genome-wide association analyses reveal polygenic genomic architecture underlying divergent shell morphology in Spanish <i>Littorina saxatilis</i> ecotypes. Ecology and Evolution, 2019, 9, 9427-9441.	2.0	10
7	Differences in genetic architecture between continents at a major locus previously associated with sea age at sexual maturity in European Atlantic salmon. Aquaculture, 2019, 500, 670-678.	3.9	27
8	Gender differences for growth in North American Atlantic salmon. Journal of Animal Breeding and Genetics, 2018, 135, 132-137.	1.9	4
9	Genome-wide association analysis of salmon lice (<i>Lepeophtheirus salmonis</i>) resistance in a North American Atlantic salmon population. Aquaculture Research, 2018, 49, 1329-1338.	1.9	16
10	Mapping of quantitative trait loci associated with size, shape, and parr mark traits using first- and second-generation backcrosses between European and North American Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627	1.5	4
11	Effect of minor allele frequency on the number of single nucleotide polymorphisms needed for accurate parentage assignment: A methodology illustrated using Atlantic salmon. Aquaculture Research, 2018, 49, 1368-1372.	1.9	21
12	Genomic divergence between Spanish <i>Littorina saxatilis</i> ecotypes unravels limited admixture and extensive parallelism associated with population history. Ecology and Evolution, 2018, 8, 8311-8327.	2.0	23
13	Genome wide association analysis for bacterial kidney disease resistance in a commercial North American Atlantic salmon (<i>Salmo salar</i>) population using a 50K SNP panel. Aquaculture, 2018, 495, 465-471.	3.9	30
14	Genetic evaluation of Atlantic salmon for growth traits incorporating SNP markers. Journal of Animal Breeding and Genetics, 2018, 135, 349-356.	1.9	7
15	Size selection by a gape-limited predator of a marine snail: Insights into magic traits for speciation. Ecology and Evolution, 2017, 7, 674-688.	2.0	25
16	Polymorphic microsatellite loci for <i>Littorina</i> plenashow no population structure between the eastern and western coasts of Vancouver Island, Canada. Journal of Molluscan Studies, 2015, 81, 407-411.	1.2	1
17	Low-cost ddRAD method of SNP discovery and genotyping applied to the periwinkle <i>Littorina saxatilis</i> . Journal of Molluscan Studies, 2015, , eyv042.	1.2	12
18	Effects of temperature and humidity on activity and microhabitat selection by <i>Littorina subrotundata</i> . Marine Ecology - Progress Series, 2015, 537, 163-173.	1.9	9

#	ARTICLE	IF	CITATIONS
19	Quantitative trait loci for precocious parr maturation, early smoltification, and adult maturation in double-backcrossed trans-Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture</i> , 2013, 410-411, 164-171.	3.9	21
20	Variation in temperature tolerance among families of Atlantic salmon (<i>Salmo salar</i>) is associated with hypoxia tolerance, ventricle size and myoglobin level. <i>Journal of Experimental Biology</i> , 2013, 216, 1183-1190.	1.7	164
21	Improving Outplanting Designs for Northern Abalone (<i>Haliotis kamtschatkana</i>): The Addition of Complex Substrate Increases Survival. <i>Journal of Shellfish Research</i> , 2013, 32, 171-180.	0.9	9
22	Chromosomal differences between European and North American Atlantic salmon discovered by linkage mapping and supported by fluorescence in situ hybridization analysis. <i>BMC Genomics</i> , 2012, 13, .	3.2	57
23	Using molecular pedigree reconstruction to evaluate the long-term survival of outplanted hatchery-reared larval and juvenile northern abalone (<i>Haliotis kamtschatkana</i>). <i>Conservation Genetics</i> , 2012, 13, 801-810.	1.1	15
24	Role of Phenotypically-Informative SNP Markers in Conservation Biology. <i>International Journal of Evolution</i> , 2012, 01, .	0.0	1
25	Aggregation of the Northern Abalone <i>Haliotis kamtschatkana</i> with Respect to Sex and Spawning Condition. <i>Journal of Shellfish Research</i> , 2011, 30, 881-888.	0.9	13
26	Outlier SNPs show more genetic structure between two Bay of Fundy metapopulations of Atlantic salmon than do neutral SNPs. <i>Molecular Ecology Resources</i> , 2011, 11, 254-267.	4.8	60
27	Experimental Evolution. Concepts, Methods, and Applications of Selection Experiments. Theodore Garland Jr and Michael R. Rose, editors.. <i>Integrative and Comparative Biology</i> , 2010, 50, 909-910.	2.0	2
28	Spatial and temporal population genetic structure of four northeastern Pacific littorinid gastropods: the effect of mode of larval development on variation at one mitochondrial and two nuclear DNA markers. <i>Molecular Ecology</i> , 2009, 18, 2165-2184.	3.9	88
29	Population genetic structure of the salmon louse, <i>Lepeophtheirus salmonis</i> (Kr�yer) on wild and farmed salmonids around the Pacific coast of Canada. <i>Aquaculture Research</i> , 2009, 40, 973-979.	1.9	9
30	Microsatellite pedigree analysis reveals high variance in reproductive success and reduced genetic diversity in hatchery-spawned northern abalone. <i>Aquaculture</i> , 2009, 295, 22-29.	3.9	20
31	Conservation genomics of Atlantic salmon: SNPs associated with QTLs for adaptive traits in parr from four trans-Atlantic backcrosses. <i>Heredity</i> , 2008, 101, 381-391.	3.1	57
32	Choosy males in a littorinid gastropod: male <i>Littorina subrotundata</i> prefer large and virgin females. <i>Journal of Molluscan Studies</i> , 2008, 74, 245-251.	1.2	35
33	Mitochondrial DNA variation in space and time in the northeastern Pacific gastropod, <i>Littorina keenae</i> . <i>Molecular Ecology</i> , 2007, 16, 3084-3103.	3.9	46
34	Estimating multivariate selection gradients in the fossil record: a naticid gastropod case study. <i>Paleobiology</i> , 2006, 32, 100-108.	2.4	15
35	Estimating multivariate selection gradients in the fossil record: a naticid gastropod case study. <i>Paleobiology</i> , 2006, 32, 100-108.	2.4	4
36	Water-borne cues from a shell-crushing predator induce a more massive shell in experimental populations of an intertidal snail. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 317, 25-35.	1.7	35

#	ARTICLE	IF	CITATIONS
37	SHAPE DIFFERENCES AMONG BOREHOLES DRILLED BY THREE SPECIES OF NATICID GASTROPODS. <i>Journal of Molluscan Studies</i> , 2005, 71, 253-256.	1.2	31
38	Genetic structure and phylogeography of the lined shore crab, <i>Pachygrapsus crassipes</i> , along the northeastern and western Pacific coasts. <i>Marine Biology</i> , 2005, 149, 213-226.	1.6	85
39	LENGTH POLYMORPHISMS IN AN INTRON OF AMINOPEPTIDASE N PROVIDE A USEFUL NUCLEAR DNA MARKER FOR LITTORINA SPECIES (CAENOGASTROPODA). <i>Journal of Molluscan Studies</i> , 2004, 70, 165-172.	1.2	11
40	Nonallopatric and parallel origin of local reproductive barriers between two snail ecotypes. <i>Molecular Ecology</i> , 2004, 13, 3415-3424.	3.9	96
41	A neutral DNA marker suggests that parallel physiological adaptations to open shore and salt marsh habitats have evolved more than once within two different species of gastropods. <i>Marine Biology</i> , 2004, 145, .	1.6	18
42	Associations between single nucleotide polymorphisms in candidate genes and growth rate in Arctic charr (<i>Salvelinus alpinus</i> L.). <i>Heredity</i> , 2003, 91, 60-69.	3.1	107
43	Trinucleotide microsatellite loci for the zebra mussel <i>Dreissena polymorpha</i> , an invasive species in Europe and North America. <i>Molecular Ecology Notes</i> , 2001, 1, 286-288.	2.3	13
44	Genetic and demographic parameters determining population persistence after a discrete change in the environment. <i>Heredity</i> , 2001, 86, 313-324.	3.1	157
45	Comparative population genetic structure of marine gastropods (<i>Littorina</i> spp.) with and without pelagic larval dispersal. <i>Marine Biology</i> , 2000, 137, 835-845.	1.6	184
46	Multiple dispersal strategies of the invasive quagga mussel (<i>Dreissena bugensis</i>) as revealed by microsatellite analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 2248-2261.	2.1	64
47	State-dependent habitat selection by an intertidal snail: the costs of selecting a physically stressful microhabitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 242, 149-177.	1.7	87
48	Changes in selection on gastropod shell size and thickness with wave-exposure on northeastern pacific shores.. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 232, 217-239.	1.7	79
49	Multiple dispersal strategies of the invasive quagga mussel (<i>Dreissena bugensis&/i>) as revealed by microsatellite analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 2248-2261.	2.1	18
50	Title is missing!. <i>Hydrobiologia</i> , 1998, 378, 105-114.	2.0	10
51	Claw morphology, prey size selection and foraging efficiency in generalist and specialist shell-breaking crabs. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 220, 191-211.	1.7	166
52	A genetic and morphological comparison of shallow- and deep-water populations of the introduced dreissenid bivalve <i>Dreissena bugensis</i> . <i>Canadian Journal of Zoology</i> , 1998, 76, 1269-1276.	1.5	73
53	A new molecular technique for identifying field collections of zebra mussel (<i>Dreissena polymorpha</i>) and quagga mussel (<i>Dreissena bugensis</i>) veliger larvae applied to eastern Lake Erie, Lake Ontario, and Lake Simcoe. <i>Canadian Journal of Zoology</i> , 1998, 76, 194-198.	1.5	26
54	Molecular genetic evidence for parallel evolution in a marine gastropod, <i>Littorina subrotundata</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 303-308.	2.6	30

#	ARTICLE	IF	CITATIONS
55	Molecular evidence against phylogenetically distinct host races of the pea aphid (<i>Acyrtosiphon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.0	28
56	Increasing precision in randomised field experiments: barnacle microtopography as a predictor of <i>Littorina</i> abundance. , 1998, , 105-114.		3
57	A genetic and morphological comparison of shallow- and deep-water populations of the introduced dreissenid bivalve <i>Dreissena bugensis</i> . Canadian Journal of Zoology, 1998, 76, 1269-1276.	1.5	23
58	Molecular evidence against phylogenetically distinct host races of the pea aphid (<i>Acyrtosiphon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	4
59	A new molecular technique for identifying field collections of zebra mussel (<i>Dreissena</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Erie, Lake Ontario, and Lake Simcoe. Canadian Journal of Zoology, 1998, 76, 194-198.	1.5	5
60	Discrimination of field-collected juveniles of two introduced dreissenids (<i>Dreissena polymorpha</i> and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 and Aquatic Sciences, 1997, 54, 1280-1288.	2.1	29
61	Discrimination of field-collected juveniles of two introduced dreissenids (<i>Dreissena polymorpha</i> and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 and Aquatic Sciences, 1997, 54, 1280-1288.	2.1	12
62	The role of highly mobile crab predators in the intertidal zonation of their gastropod prey. Journal of Experimental Marine Biology and Ecology, 1996, 204, 59-83.	1.7	96
63	Mitochondrial DNA Variation in Introduced Populations of Pacific Oyster, <i>Crassostrea gigas</i> , in British Columbia. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 1608-1614.	2.1	40
64	Mechanisms of differential survival and growth of two species of <i>Littorina</i> on wave-exposed and on protected shores. Journal of Experimental Marine Biology and Ecology, 1993, 169, 139-166.	1.7	91
65	Quantitative Genetics of Shell Form of an Intertidal Snail: Constraints on Short-Term Response to Selection. Evolution; International Journal of Organic Evolution, 1993, 47, 576.	2.0	52
66	Genetic Variation in One Bottlenecked and Two Wild Populations of the Japanese Scallop (<i>Patinopecten yessoensis</i>): Empirical Parameter Estimates from Coding Regions of Mitochondrial DNA. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 1147-1157.	2.1	23
67	QUANTITATIVE GENETICS OF SHELL FORM OF AN INTERTIDAL SNAIL: CONSTRAINTS ON SHORT-TERM RESPONSE TO SELECTION. Evolution; International Journal of Organic Evolution, 1993, 47, 576-592.	2.0	71
68	Are the opposing selection pressures on exposed and protected shores sufficient to maintain genetic differentiation between gastropod populations with high intermigration rates?. Hydrobiologia, 1990, 193, 41-52.	2.0	40
69	Are the opposing selection pressures on exposed and protected shores sufficient to maintain genetic differentiation between gastropod populations with high intermigration rates?. , 1990, , 41-52.		5
70	Variation in photosynthetic rates among individual cells of a marine dinoflagellate. Marine Ecology - Progress Series, 1986, 29, 199-203.	1.9	5
71	Crab Response to Prey Density Can Result in Density-Dependent Mortality of Clams. Canadian Journal of Fisheries and Aquatic Sciences, 1984, 41, 521-525.	2.1	58
72	Crab-resistant features of shells of burrowing bivalves: Decreasing vulnerability by increasing handling time. Journal of Experimental Marine Biology and Ecology, 1984, 76, 201-223.	1.7	160

#	ARTICLE	IF	CITATIONS
73	Latitudinal clines in body size, but not in thermal tolerance or heat-shock cognate 70 (HSC70), in the highly-dispersing intertidal gastropod <i>Littorina keenae</i> (Gastropoda: Littorinidae). <i>Biological Journal of the Linnean Society</i> , 0, 100, 494-505.	1.5	24
74	High-density linkage maps detail sex-specific regions of suppressed recombination near fusions of polymorphic chromosomes in purebred and hybrid North American Atlantic salmon (<i>Salmo) Tj ETQq0 0 0 rgBT /Ove rlock 10 Tf 50 69		