Thorsten B H Reusch

List of Publications by Year
in descending order

183 papers	14,321 citations	18482 62 h-index	24982 109 g-index
200 all docs	200 docs citations	200 times ranked	12464 citing authors

#	Article	IF	Citations
1	Ecosystem recovery after climatic extremes enhanced by genotypic diversity. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2826-2831.	7.1	957
2	The genome of the seagrass Zostera marina reveals angiosperm adaptation to the sea. Nature, 2016, 530, 331-335.	27.8	460
3	Adaptive evolution of a key phytoplankton species to ocean acidification. Nature Geoscience, 2012, 5, 346-351.	12.9	442
4	Female sticklebacks count alleles in a strategy of sexual selection explaining MHC polymorphism. Nature, 2001, 414, 300-302.	27.8	438
5	The Baltic Sea as a time machine for the future coastal ocean. Science Advances, 2018, 4, eaar8195.	10.3	339
6	Mate choice decisions of stickleback females predictably modified by MHC peptide ligands. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4414-4418.	7.1	324
7	Evolution in an acidifying ocean. Trends in Ecology and Evolution, 2014, 29, 117-125.	8.7	324
8	Parasite Selection for Immunogenetic Optimality. Science, 2003, 301, 1343-1343.	12.6	318
9	North Atlantic phylogeography and large-scale population differentiation of the seagrass Zostera marina L.. Molecular Ecology, 2004, 13, 1923-1941.	3.9	277
10	Climate change in the oceans: evolutionary versus phenotypically plastic responses of marine animals and plants. Evolutionary Applications, 2014, 7, 104-122.	3.1	276
11	Multiple parasites are driving major histocompatibility complex polymorphism in the wild. Journal of Evolutionary Biology, 2003, 16, 224-232.	1.7	271
12	Molecular ecology of global change. Molecular Ecology, 2007, 16, 3973-3992.	3.9	254
13	Importance of genetic diversity in eelgrass Zostera marina for its resilience to global warming. Marine Ecology - Progress Series, 2008, 355, 1-7.	1.9	250
14	Severe tissue damage in Atlantic cod larvae under increasing ocean acidification. Nature Climate Change, 2012, 2, 42-46.	18.8	231
15	Adaptation of a globally important coccolithophore to ocean warming andÂacidification. Nature Climate Change, 2014, 4, 1024-1030.	18.8	209
16	Female sticklebacks Gasterosteus aculeatus use self-reference to optimize MHC allele number during mate selection. Behavioral Ecology and Sociobiology, 2003, 54, 119-126.	1.4	208
17	Major histocompatibility complex diversity influences parasite resistance and innate immunity in sticklebacks. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 197-204.	2.6	194
18	Transcriptomic resilience to global warming in the seagrass <i>Zostera marina</i> , a marine foundation species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19276-19281.	7.1	184

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19	Microbial contributions to the persistence of coral reefs. ISME Journal, 2017, 11, 2167-2174.	9.8	173
20	A microsatellite-based estimation of clonal diversity and population subdivision in Zostera marina, a marine flowering plant. Molecular Ecology, 2000, 9, 127-140.	3.9	165
21	Contribution of genetics and genomics to seagrass biology and conservation. Journal of Experimental Marine Biology and Ecology, 2007, 350, 234-259.	1.5	165
22	Climate Change Impacts on Seagrass Meadows and Macroalgal Forests: An Integrative Perspective on Acclimation and Adaptation Potential. Frontiers in Marine Science, 2018, 5, .	2.5	149
23	Chlorobiphenyls: Model Compounds for Metabolism in Food Chain Organisms and Their Potential Use as Ecotoxicological Stress Indicators by Application of the Metabolic Slope Concept. Environmental Science & Technology, 1995, 29, 1851-1859.	10.0	145
24	Lifetime reproductive success is maximized with optimal major histocompatibility complex diversity. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 925-934.	2.6	144
25	Rapid genetic divergence in postglacial populations of threespine stickleback (Gasterosteus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2435-2445.	3.9	142
26	Comparative analysis of amplicon and metagenomic sequencing methods reveals key features in the evolution of animal metaorganisms. Microbiome, 2019, 7, 133.	11.1	141
27	Genomics of Divergence along a Continuum of Parapatric Population Differentiation. PLoS Genetics, 2015, 11, e1004966.	3.5	135
28	EXPERIMENTAL EVOLUTION MEETS MARINE PHYTOPLANKTON. Evolution; International Journal of Organic Evolution, 2013, 67, 1849-1859.	2.3	122
29	Effects of a simulated heat wave on photophysiology and gene expression of high- and low-latitude populations of Zostera marina. Marine Ecology - Progress Series, 2011, 435, 83-95.	1.9	120
30	How a complex life cycle can improve a parasite's sex life. Journal of Evolutionary Biology, 2005, 18, 1069-1075.	1.7	111
31	Ocean Acidification Effects on Atlantic Cod Larval Survival and Recruitment to the Fished Population. PLoS ONE, 2016, 11, e0155448.	2.5	104
32	Variable responses of native eelgrass Zostera marina to a non-indigenous bivalve Musculista senhousia. Oecologia, 1998, 113, 428-441.	2.0	101
33	Population-specificity of heat stress gene induction in northern and southern eelgrass Zostera marina populations under simulated global warming. Molecular Ecology, 2010, 19, 2870-2883.	3.9	101
34	The blue carbon wealth of nations. Nature Climate Change, 2021, 11, 704-709.	18.8	97
35	Mortality selection during the 2003 European heat wave in three-spined sticklebacks: effects of parasites and MHC genotype. BMC Evolutionary Biology, 2008, 8, 124.	3.2	96
36	Microsatellites reveal high population connectivity in eelgrass (Zostera marina) in two contrasting coastal areas. Limnology and Oceanography, 2002, 47, 78-85.	3.1	95

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37	Microsatellites reveal origin and genetic diversity of Eurasian invasions by one of the worldâ€™s most notorious marine invader, <i>Mnemiopsis leidyi</i> (Ctenophora). Molecular Ecology, 2010, 19, 2690-2699.	3.9	93
38	Evolution of male pregnancy associated with remodeling of canonical vertebrate immunity in seahorses and pipefishes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9431-9439.	7.1	93
39	Fitness-consequences of geitonogamous selfing in a clonal marine angiosperm (Zostera marina). Journal of Evolutionary Biology, 2001, 14, 129-138.	1.7	91
40	Does disturbance enhance genotypic diversity in clonal organisms? A field test in the marine angiosperm Zostera marina. Molecular Ecology, 2005, 15, 277-286.	3.9	91
41	Back to the sea twice: identifying candidate plant genes for molecular evolution to marine life. BMC Evolutionary Biology, 2011, 11, 8.	3.2	88
42	Microsatellite loci in eelgrass Zostera marina reveal marked polymorphism within and among populations. Molecular Ecology, 1999, 8, 317-321.	3.9	87
43	Habitat differentiation vs. isolation-by-distance: the genetic population structure of Elymus athericus in European salt marshes. Molecular Ecology, 2003, 12, 505-515.	3.9	87
44	Somatic genetic drift and multilevel selection in a clonal seagrass. Nature Ecology and Evolution, 2020, 4, 952-962.	7.8	86
45	The emerging role of genetic diversity for ecosystem functioning: Estuarine macrophytes as models. Estuaries and Coasts, 2006, 29, 159-164.	2.2	83
46	Two different epigenetic information channels in wild three-spined sticklebacks are involved in salinity adaptation. Science Advances, 2020, 6, eaaz1138.	10.3	83
47	Genomeâ€wide patterns of standing genetic variation in a marine population of threeâ€spined sticklebacks. Molecular Ecology, 2013, 22, 635-649.	3.9	78
48	Is asexual reproduction more important at geographical limits? A genetic study of the seagrass Zostera marina in the Ria Formosa, Portugal. Marine Ecology - Progress Series, 2003, 265, 77-83.	1.9	78
49	Inbreeding depression influences genet size distribution in a marine angiosperm. Molecular Ecology, 2003, 12, 619-629.	3.9	77
50	Inter- and Intralocus Recombination Drive MHC Class IIB Gene Diversification in a Teleost, the Three-Spined Stickleback Gasterosteus aculeatus. Journal of Molecular Evolution, 2005, 61, 531-541.	1.8	77
51	Native predators contribute to invasion resistance to the non-indigenous bivalve Musculista senhousia in southern California, USA. Marine Ecology - Progress Series, 1998, 170, 159-168.	1.9	77
52	Size and estimated age of genets in eelgrass, Zostera marina , assessed with microsatellite markers. Marine Biology, 1999, 133, 519-525.	1.5	75
53	Macrophyte Canopy Structure and the Success of an Invasive Marine Bivalve. Oikos, 1999, 84, 398.	2.7	75
54	One day is enough: rapid and specific hostâ€“parasite interactions in a stickleback-trematode system. Biology Letters, 2006, 2, 382-384.	2.3	72

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55	FUNCTIONAL GENETIC DIVERGENCE IN HIGH CO₂ADAPTED<i>EMILIANIA HUXLEYI</i>POPULATIONS. Evolution; International Journal of Organic Evolution, 2013, 67, 1892-1900.	2.3	71
56	Floral neighbourhoods in the sea: how floral density, opportunity for outcrossing and population fragmentation affect seed set in Zostera marina. Journal of Ecology, 2003, 91, 610-615.	4.0	70
57	Absence of major histocompatibility complex class II mediated immunity in pipefish, <i>Syngnathus typhle</i> : evidence from deep transcriptome sequencing. Biology Letters, 2013, 9, 20130044.	2.3	70
58	Extensive Copy-Number Variation of Young Genes across Stickleback Populations. PLoS Genetics, 2014, 10, e1004830.	3.5	70
59	Biophysical and Population Genetic Models Predict the Presence of â€œPhantomâ€• Stepping Stones Connecting Mid-Atlantic Ridge Vent Ecosystems. Current Biology, 2016, 26, 2257-2267.	3.9	69
60	New markers-old questions: population genetics of seagrasses. Marine Ecology - Progress Series, 2001, 211, 261-274.	1.9	69
61	Genome scans detect consistent divergent selection among subtidal vs. intertidal populations of the marine angiosperm <i>Zostera marina</i>. Molecular Ecology, 2007, 16, 5156-5157.	3.9	68
62	Salinity change impairs pipefish immune defence. Fish and Shellfish Immunology, 2012, 33, 1238-1248.	3.6	68
63	Genome-wide transcriptomic responses of the seagrasses Zostera marina and Nanozostera noltii under a simulated heatwave confirm functional types. Marine Genomics, 2014, 15, 65-73.	1.1	68
64	Dispersion patterns of parasites in 0+ year three-spined sticklebacks: a cross population comparison. Journal of Fish Biology, 2002, 60, 1529-1542.	1.6	66
65	Recent duplication and inter-locus gene conversion in major histocompatibility class II genes in a teleost, the three-spined stickleback. Immunogenetics, 2004, 56, 427-37.	2.4	65
66	Widespread genetic mosaicism in the marine angiosperm Zostera marina is correlated with clonal reproduction. Evolutionary Ecology, 2011, 25, 899-913.	1.2	65
67	Identifying core features of adaptive metabolic mechanisms for chronic heat stress attenuation contributing to systems robustness. Integrative Biology (United Kingdom), 2012, 4, 480.	1.3	65
68	Phylogeographic differentiation versus transcriptomic adaptation to warm temperatures in <i>Zostera marina</i>, a globally important seagrass. Molecular Ecology, 2016, 25, 5396-5411.	3.9	64
69	MHC genes and oxidative stress in sticklebacks: an immuno-ecological approach. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1407-1414.	2.6	63
70	Differentiating between clonal growth and limited gene flow using spatial autocorrelation of microsatellites. Heredity, 1999, 83, 120-126.	2.6	62
71	Gene expression changes in the coccolithophore<i>Emiliania huxleyi</i>after 500 generations of selection to ocean acidification. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140003.	2.6	62
72	Swift thermal reaction norm evolution in a key marine phytoplankton species. Evolutionary Applications, 2016, 9, 1156-1164.	3.1	62

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73	Do nutrient availability and plant density limit seagrass colonization in the Baltic Sea?. Marine Ecology - Progress Series, 2000, 200, 159-166.	1.9	59
74	Genetic variation in MHC class II expression and interactions with MHC sequence polymorphism in threeâ€spined sticklebacks. Molecular Ecology, 2006, 15, 1153-1164.	3.9	58
75	Comment on "Phytoplankton Calcification in a High-CO ₂ World". Science, 2008, 322, 1466-1466.	12.6	58
76	Dietary Î2-glucan (MacroGardÂ®) enhances survival of first feeding turbot (Scophthalmus maximus) larvae by altering immunity, metabolism and microbiota. Fish and Shellfish Immunology, 2016, 48, 94-104.	3.6	58
77	From ecosystems to socio-economic benefits: A systematic review of coastal ecosystem services in the Baltic Sea. Science of the Total Environment, 2021, 755, 142565.	8.0	58
78	Phenotypic plasticity under rapid global changes: The intrinsic force for future seagrasses survival. Evolutionary Applications, 2021, 14, 1181-1201.	3.1	58
79	Long-term dynamics of adaptive evolution in a globally important phytoplankton species to ocean acidification. Science Advances, 2016, 2, e1501660.	10.3	56
80	Genotype-specific responses to light stress in eelgrass Zostera marina, a marine foundation plant. Marine Ecology - Progress Series, 2015, 519, 129-140.	1.9	56
81	Comparative Analysis of Expressed Sequence Tag (EST) Libraries in the Seagrass Zostera marina Subjected to Temperature Stress. Marine Biotechnology, 2008, 10, 297-309.	2.4	55
82	Housekeeping gene selection for quantitative real-time PCR assays in the seagrassZostera marinasubjected to heat stress. Limnology and Oceanography: Methods, 2006, 4, 367-373.	2.0	54
83	Batemanâ€™s principle and immunity in a sexâ€role reversed pipefish. Journal of Evolutionary Biology, 2011, 24, 1410-1420.	1.7	54
84	Ctenophore population recruits entirely through larval reproduction in the central Baltic Sea. Biology Letters, 2012, 8, 809-812.	2.3	53
85	Current European Labyrinthula zosterae Are Not Virulent and Modulate Seagrass (Zostera marina) Defense Gene Expression. PLoS ONE, 2014, 9, e92448.	2.5	53
86	PERSISTENCE AND SPACE OCCUPANCY BY SUBTIDALBLUE MUSSEL PATCHES. Ecological Monographs, 1997, 67, 65-87.	5.4	52
87	Pollination in the marine realm: microsatellites reveal high outcrossing rates and multiple paternity in eelgrass Zostera marina. Heredity, 2000, 85, 459-464.	2.6	52
88	Male Pregnancy and Biparental Immune Priming. American Naturalist, 2012, 180, 802-814.	2.1	52
89	Local genetic structure in a clonal dioecious angiosperm. Molecular Ecology, 2005, 14, 957-967.	3.9	50
90	Abundant toxin-related genes in the genomes of beneficial symbionts from deep-sea hydrothermal vent mussels. ELife, 2015, 4, e07966.	6.0	50

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91	Differing effects of eelgrass Zostera marina on recruitment and growth of associated blue mussels Mytilus edulis. Marine Ecology - Progress Series, 1998, 167, 149-153.	1.9	50
92	Genetic neighbourhood of clone structures in eelgrass meadows quantified by spatial autocorrelation of microsatellite markers. Heredity, 2003, 91, 448-455.	2.6	49
93	Transcriptome profiling of immune tissues reveals habitatâ€specific gene expression between lake and river sticklebacks. Molecular Ecology, 2016, 25, 943-958.	3.9	49
94	Parasites and individual major histocompatibility complex diversityâ€"an optimal choice?. Microbes and Infection, 2004, 6, 1110-1116.	1.9	48
95	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2010 â€" 30 September 2010. Molecular Ecology Resources, 2011, 11, 219-222.	4.8	48
96	Storm effects on eelgrass (Zostera marina L.) and blue mussel (Mytilus edulis L.) beds. Journal of Experimental Marine Biology and Ecology, 1995, 192, 257-271.	1.5	47
97	Genetic analyses reveal complex dynamics within a marine fish management area. Evolutionary Applications, 2019, 12, 830-844.	3.1	46
98	HOSTS ARE AHEAD IN A MARINE HOST-PARASITE COEVOLUTIONARY ARMS RACE: INNATE IMMUNE SYSTEM ADAPTATION IN PIPEFISH SYNGNATHUS TYPHLE AGAINST VIBRIO PHYLOTYPES. Evolution; International Journal of Organic Evolution, 2012, 66, 2528-2539.	2.3	45
99	A summer heat wave decreases the immunocompetence of the mesograzer, Idotea baltica. Marine Biology, 2010, 157, 1605-1611.	1.5	44
100	Quantitative PCR Reveals Strong Spatial and Temporal Variation of the Wasting Disease Pathogen, Labyrinthula zosterae in Northern European Eelgrass (Zostera marina) Beds. PLoS ONE, 2013, 8, e62169.	2.5	44
101	Five microsatellite loci in eelgrass Zostera marina and a test of cross-species amplification in Z. noltii and Z. japonica. Molecular Ecology, 2000, 9, 371-373.	3.9	43
102	Local adaptation and transplant dominance in genets of the marine clonal plant Zostera marina. Marine Ecology - Progress Series, 2002, 242, 111-118.	1.9	40
103	RSCA genotyping of MHC for high-throughput evolutionary studies in the model organism three-spined stickleback Gasterosteus aculeatus. BMC Evolutionary Biology, 2009, 9, 57.	3.2	39
104	Carrying Capacity and Colonization Dynamics of Curvibacter in the Hydra Host Habitat. Frontiers in Microbiology, 2018, 9, 443.	3.5	39
105	Dr. Zompo: an online data repository for Zostera marina and Posidonia oceanica ESTs. Database: the Journal of Biological Databases and Curation, 2009, 2009, bap009-bap009.	3.0	38
106	Isotopic signatures of eelgrass (Zostera marina L.) as bioindicator of anthropogenic nutrient input in the western Baltic Sea. Marine Pollution Bulletin, 2013, 72, 64-70.	5.0	38
107	Ocean current connectivity propelling the secondary spread of a marine invasive comb jelly across western Eurasia. Global Ecology and Biogeography, 2018, 27, 814-827.	5.8	38
108	Host-Microbe Interactions in the Chemosynthetic <i>Riftia pachyptila</i> Symbiosis. MBio, 2019, 10, .	4.1	38

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109	Costly major histocompatibility complex signals produced only by reproductively active males, but not females, must be validated by a â€˜maleness signalâ€™ in three-spined sticklebacks. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 391-398.	2.6	37
110	Mating System and Clonal Architecture: A Comparative Study in Two Marine Angiosperms. Evolutionary Ecology, 2005, 19, 487-499.	1.2	36
111	Individual MHC class I and MHC class IIBdiversities are associated with male and female reproductive traits in the three-spined stickleback. Journal of Evolutionary Biology, 2007, 20, 2005-2015.	1.7	36
112	Genetic sub-structure and intermediate optimal outcrossing distance in the marine angiosperm Zostera marina. Marine Biology, 2007, 152, 793-801.	1.5	35
113	Innate versus adaptive immunity in sticklebacks: evidence for trade-offs from a selection experiment. Evolutionary Ecology, 2007, 21, 473-483.	1.2	35
114	Population genetics of the invasive ctenophore Mnemiopsis leidyi in Europe reveal sourceâ€“sink dynamics and secondary dispersal to the Mediterranean Sea. Marine Ecology - Progress Series, 2013, 485, 25-36.	1.9	35
115	Genotyping an <i>Emiliania huxleyi</i> (prymnesiophyceae) bloom event in the North Sea reveals evidence of asexual reproduction. Biogeosciences, 2014, 11, 5215-5234.	3.3	35
116	Betweenâ€•and withinâ€•population variations in thermal reaction norms of the coccolithophore <i>Emiliania huxleyi</i>. Limnology and Oceanography, 2014, 59, 1570-1580.	3.1	35
117	Mapping and modeling eelgrass Zostera marina distribution in the western Baltic Sea. Marine Ecology - Progress Series, 2015, 522, 79-95.	1.9	35
118	New evidence for habitat-specific selection in Wadden Sea Zostera marina populations revealed by genome scanning using SNP and microsatellite markers. Marine Biology, 2010, 157, 81-89.	1.5	34
119	Evolutionary divergence and possible incipient speciation in post-glacial populations of a cosmopolitan aquatic plant. Journal of Evolutionary Biology, 2005, 18, 19-26.	1.7	33
120	Widespread occurrence of endophytic Labyrinthula spp. in northern European eelgrass Zostera marina beds. Marine Ecology - Progress Series, 2012, 445, 109-116.	1.9	33
121	SSCP analysis of Mhc class IIB genes in the threespine stickleback. Journal of Fish Biology, 2001, 58, 887-890.	1.6	31
122	Transgenerational plasticity and selection shape the adaptive potential of sticklebacks to salinity change. Evolutionary Applications, 2018, 11, 1873-1885.	3.1	30
123	Currency, Exchange, and Inheritance in the Evolution of Symbiosis. Trends in Microbiology, 2019, 27, 836-849.	7.7	29
124	Deep-sea predator niche segregation revealed by combined cetacean biologging and eDNA analysis of cephalopod prey. Science Advances, 2021, 7, .	10.3	29
125	Seagrass Evolution, Ecology and Conservation: A Genetic Perspective. , 2007, , 25-50.		29
126	A comparative population genetic study on calanoid freshwater copepods: Investigation of isolation-by-distance in two <i>Eudiaptomus</i> species with a different potential for dispersal. Limnology and Oceanography, 2006, 51, 117-124.	3.1	28

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127	Consistent Pattern of Local Adaptation during an Experimental Heat Wave in a Pipefish-Trematode Host-Parasite System. PLoS ONE, 2012, 7, e30658.	2.5	28
128	Divergent responses of Atlantic cod to ocean acidification and food limitation. Global Change Biology, 2019, 25, 839-849.	9.5	28
129	Inter- and intraspecific phenotypic plasticity of three phytoplankton species in response to ocean acidification. Biology Letters, 2017, 13, 20160774.	2.3	27
130	InÂvitro leukocyte response of three-spined sticklebacks (Gasterosteus aculeatus) to helminth parasite antigens. Fish and Shellfish Immunology, 2014, 36, 130-140.	3.6	26
131	It is the economy, stupid! Projecting the fate of fish populations using ecologicalâ€“economic modeling. Global Change Biology, 2016, 22, 264-270.	9.5	26
132	Rapid evolution of highly variable competitive abilities in a key phytoplankton species. Nature Ecology and Evolution, 2018, 2, 611-613.	7.8	26
133	Ecological-economic sustainability of the Baltic cod fisheries under ocean warming and acidification. Journal of Environmental Management, 2019, 238, 110-118.	7.8	26
134	Improved chromosome-level genome assembly and annotation of the seagrass, Zostera marina (eelgrass). F1000Research, 2021, 10, 289.	1.6	26
135	Characterization of microsatellite loci in the dwarf eelgrass Zostera noltii (Zosteraceae) and cross-reactivity with Z. japonica. Molecular Ecology Notes, 2004, 4, 497-499.	1.7	25
136	Modulation of the Eelgrass â€“ Labyrinthula zosterae Interaction Under Predicted Ocean Warming, Salinity Change and Light Limitation. Frontiers in Marine Science, 2019, 6, .	2.5	25
137	The Native Microbiome is Crucial for Offspring Generation and Fitness of <i>Aurelia aurita</i>. MBio, 2020, 11, .	4.1	25
138	Evolution via somatic genetic variation in modular species. Trends in Ecology and Evolution, 2021, 36, 1083-1092.	8.7	25
139	Assessing SNP-markers to study population mixing and ecological adaptation in Baltic cod. PLoS ONE, 2019, 14, e0218127.	2.5	24
140	Specific Gene Expression Responses to Parasite Genotypes Reveal Redundancy of Innate Immunity in Vertebrates. PLoS ONE, 2014, 9, e108001.	2.5	23
141	Genetic diversity and evolution in eukaryotic phytoplankton: revelations from population genetic studies. Journal of Plankton Research, 0, , .	1.8	23
142	Isolation and characterization of microsatellite loci from the tapewormSchistocephalus solidus. Molecular Ecology, 2000, 9, 1926-1927.	3.9	22
143	Sibling species or poecilogony in the polychaete Scoloplos armiger?. Marine Biology, 2003, 142, 937-947.	1.5	22
144	Polymorphic microsatellite loci for the trematode Diplostomum pseudospathaceum. Molecular Ecology Notes, 2004, 4, 577-579.	1.7	22

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145	A quantitative realâ€time polymerase chain reaction assay for the seagrass pathogen <i>Labyrinthula zosterae</i>. Molecular Ecology Resources, 2011, 11, 1076-1081.	4.8	22
146	Partitioning average competition and extremeâ€genotype effects in genetically diverse infections. Oikos, 2008, 117, 399-405.	2.7	21
147	Effects of dietary purified rapeseed protein concentrate on hepatic gene expression in juvenile turbot (<i>Psetta maxima</i>). Aquaculture Nutrition, 2016, 22, 170-180.	2.7	21
148	Formation and mosaicity of coccolith segment calcite of the marine algae <i>Emiliania huxleyi</i>. Journal of Phycology, 2018, 54, 85-104.	2.3	21
149	Lower Vibrio spp. abundances in Zostera marina leaf canopies suggest a novel ecosystem function for temperate seagrass beds. Marine Biology, 2021, 168, 1.	1.5	21
150	Comparative transcriptomics of stickleback immune gene responses upon infection by two helminth parasites, Diplostomum pseudospathaceum and Schistocephalus solidus. Zoology, 2016, 119, 307-313.	1.2	18
151	Flexible mating: cross-pollination affects sex-expression in a marine clonal plant. Journal of Evolutionary Biology, 2003, 16, 1096-1105.	1.7	17
152	Identification and characterization of 14 polymorphic EST-derived microsatellites in eelgrass (Zostera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	17
153	Effects of parental acclimation and energy limitation in response to high CO2 exposure in Atlantic cod. Scientific Reports, 2018, 8, 8348.	3.3	17
154	Salinity tolerance in Daphnia magna: characteristics of genotypes hatching from mixed sediments. Oecologia, 2005, 143, 509-516.	2.0	16
155	Hostâ€"parasite coevolutionâ€"rapid reciprocal adaptation and its genetic basis. Zoology, 2016, 119, 241-243.	1.2	16
156	Genome-Wide Genotype-Expression Relationships Reveal Both Copy Number and Single Nucleotide Differentiation Contribute to Differential Gene Expression between Stickleback Ecotypes. Genome Biology and Evolution, 2019, 11, 2344-2359.	2.5	16
157	Factors influencing depth distribution of soft bottom inhabiting Laminaria saccharina (L.) Lamour. in Kiel Bay, Western Baltic. Hydrobiologia, 1996, 326-327, 117-123.	2.0	15
158	Genetic compatibilities, outcrossing rates and fitness consequences across life stages of the trematode Diplostomum pseudospathaceum. International Journal for Parasitology, 2013, 43, 485-491.	3.1	15
159	Invasion genomics uncover contrasting scenarios of genetic diversity in a widespread marine invader. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
160	Polymorphic microsatellite loci for the marine angiosperm Cymodocea nodosa. Molecular Ecology Notes, 2004, 4, 512-514.	1.7	14
161	Nine polymorphic microsatellite loci for the fennel Pondweed Potamogeton pectinatus L.. Molecular Ecology Notes, 2004, 4, 563-565.	1.7	14
162	Specific immune priming in the invasive ctenophore Mnemiopsis leidyi. Biology Letters, 2013, 9, 20130864.	2.3	14

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163	Response to Comment on "Parasite Selection for Immunogenetic Optimality". Science, 2004, 303, 957b-957.	12.6	13
164	Population genetic structure after 125Âyears of stocking in sea trout (Salmo trutta L.). Conservation Genetics, 2018, 19, 1123-1136.	1.5	13
165	Immunity comes first: The effect of parasite genotypes on adaptive immunity and immunization in three-spined sticklebacks. Developmental and Comparative Immunology, 2016, 54, 137-144.	2.3	12
166	A novel metabarcoding primer pair for environmental DNA analysis of Cephalopoda (Mollusca) targeting the nuclear 18S rRNA region. Royal Society Open Science, 2021, 8, 201388.	2.4	12
167	Modeling eelgrass spatial response to nutrient abatement measures in a changing climate. Ambio, 2021, 50, 400-412.	5.5	11
168	Population genetic dynamics of threeâ€spined sticklebacks (<i>Gasterosteus aculeatus</i>) in anthropogenic altered habitats. Ecology and Evolution, 2012, 2, 1122-1143.	1.9	10
169	Widespread introgression in deep-sea hydrothermal vent mussels. BMC Evolutionary Biology, 2017, 17, 13.	3.2	10
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