Martin Ian Taylor

List of Publications by Year
in descending order

53	2,069	346980 22	274796 44
papers	citations	h-index	g-index

54	54	54	3924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transposable element annotation in nonâ€model species: The benefits of speciesâ€specific repeat libraries using semiâ€automated EDTA and DeepTE de novo pipelines. Molecular Ecology Resources, 2022, 22, 823-833.	2.2	10
2	Satyrization in Drosophila fruitflies. Journal of Evolutionary Biology, 2021, 34, 319-330.	0.8	3
3	No severe genetic bottleneck in a rapidly range-expanding bumblebee pollinator. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202639.	1.2	4
4	Contemporary evolution of the innate immune receptor gene TLR3 in an isolated vertebrate population. Molecular Ecology, 2021, 30, 2528-2542.	2.0	15
5	Ageing European lobsters (Homarus gammarus) using DNA methylation of evolutionarily conserved ribosomal DNA. Evolutionary Applications, 2021, 14, 2305-2318.	1.5	11
6	Domesticationâ€induced reduction in eye size revealed in multiple common garden experiments: The case of Atlantic salmon (Salmo salarL.). Evolutionary Applications, 2021, 14, 2319-2332.	1.5	4
7	Hematocrit, age, and survival in a wild vertebrate population. Ecology and Evolution, 2021, 11, 214-226.	0.8	12
8	Comparative genetic stock structure in three species of commercially exploited Indoâ€Malay Carangidae (Teleosteii, Perciformes). Journal of Fish Biology, 2020, 96, 337-349.	0.7	15
9	Disentangling the effects of sex, life history and genetic background in Atlantic salmon: growth, heart and liver under common garden conditions. Royal Society Open Science, 2020, 7, 200811.	1.1	4
10	Help or hindrance? The evolutionary impact of wholeâ€genome duplication on immunogenetic diversity and parasite load. Ecology and Evolution, 2020, 10, 13949-13956.	0.8	0
11	Pollution control can help mitigate future climate change impact on European grayling in the UK. Diversity and Distributions, 2020, 26, 517-532.	1.9	4
12	The sustainable use and exploitation of fishes. Journal of Fish Biology, 2019, 94, 833-836.	0.7	2
13	Inclusion of jellyfish in 30+ years of Ecopath with Ecosim models. ICES Journal of Marine Science, 2019, 76, 1941-1950.	1.2	19
14	OSF-Builder: A New Tool for Constructing and Representing Evolutionary Histories Involving Introgression. Systematic Biology, 2019, 68, 717-729.	2.7	2
15	Evolutionary drivers of kype size in Atlantic salmon (Salmo salar): domestication, age and genetics. Royal Society Open Science, 2019, 6, 190021.	1.1	16
16	Where are they all from? â€“ sources and sustainability in the ornamental freshwater fish trade. Journal of Fish Biology, 2019, 94, 909-916.	0.7	75
17	Cryptic diets of forage fish: jellyfish consumption observed in the Celtic Sea and western English Channel. Journal of Fish Biology, 2019, 94, 1026-1032.	0.7	6
18	How quantitative is metabarcoding: A metaâ€analytical approach. Molecular Ecology, 2019, 28, 420-430.	2.0	274

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19	Whole genome duplication and transposable element proliferation drive genome expansion in Corydoradinae catfishes. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172732.	1.2	32
20	Neutral variation does not predict immunogenetic variation in the European grayling (Thymallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	3
21	The oddity effect drives prey choice but not necessarily attack time. Ethology, 2018, 124, 496-503.	0.5	15
22	Evolution: Fangtastic Venoms Underpin Parasitic Mimicry. Current Biology, 2017, 27, R295-R298.	1.8	2
23	Jellyfish on the menu: mtDNA assay reveals scyphozoan predation in the Irish Sea. Royal Society Open Science, 2017, 4, 171421.	1.1	25
24	A common garden design reveals populationâ€specific variability in potential impacts of hybridization between populations of farmed and wild Atlantic salmon, Salmo salar L.. Evolutionary Applications, 2016, 9, 435-449.	1.5	23
25	Does density influence relative growth performance of farm, wild and F ₁ hybrid Atlantic salmon in semi-natural and hatchery common garden conditions?. Royal Society Open Science, 2016, 3, 160152.	1.1	10
26	Plasticity in growth of farmed and wild Atlantic salmon: is the increased growth rate of farmed salmon caused by evolutionary adaptations to the commercial diet?. BMC Evolutionary Biology, 2016, 16, 264.	3.2	34
27	Combination of genetics and spatial modelling highlights the sensitivity of cod (Gadus morhua) population diversity in the North Sea to distributions of fishing. ICES Journal of Marine Science, 2014, 71, 794-807.	1.2	45
28	Development of microsatellite markers from 454 transcriptome derived sequences for the scallop Pecten maximus. Conservation Genetics Resources, 2013, 5, 663-666.	0.4	5
29	Potential effects of stock enhancement with hatchery-reared seed on genetic diversity and effective population size. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 330-338.	0.7	17
30	Genomics in marine monitoring: New opportunities for assessing marine health status. Marine Pollution Bulletin, 2013, 74, 19-31.	2.3	196
31	Experimental harvesting of fish populations drives genetically based shifts in body size and maturation. Frontiers in Ecology and the Environment, 2013, 11, 181-187.	1.9	93
32	A genomic island linked to ecotype divergence in <scp>A</scp>tlantic cod. Molecular Ecology, 2013, 22, 2653-2667.	2.0	137
33	Spawning of Kattegat cod (Gadus morhua)â€"Mapping spatial distribution by egg surveys. Fisheries Research, 2013, 147, 63-71.	0.9	10
34	Can Long-Range PCR Be Used to Amplify Genetically Divergent Mitochondrial Genomes for Comparative Phylogenetics? A Case Study within Spiders (Arthropoda: Araneae). PLoS ONE, 2013, 8, e62404.	1.1	14
35	DNA Barcoding Reveals Cryptic Diversity within Commercially Exploited Indo-Malay Carangidae (Teleosteii: Perciformes). PLoS ONE, 2012, 7, e49623.	1.1	74
36	Environmental selection on transcriptomeâ€derived SNPs in a high gene flow marine fish, the Atlantic herring (Clupea harengus). Molecular Ecology, 2012, 21, 3686-3703.	2.0	205

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37	Novel Tools for Conservation Genomics: Comparing Two High-Throughput Approaches for SNP Discovery in the Transcriptome of the European Hake. PLoS ONE, 2011, 6, e28008.	1.1	59
38	Competition and phylogeny determine community structure in MÃ¼llerian co-mimics. Nature, 2011, 469, 84-88.	13.7	105
39	Substantial genetic structure among stocked and native populations of the European grayling (Thymallus thymallus, Salmonidae) in the United Kingdom. Conservation Genetics, 2011, 12, 731-744.	0.8	19
40	A TaqMan real-time PCR based assay targeting plaice (Pleuronectes platessa L.) DNA to detect predation by the brown shrimp (Crangon crangon L.) and the shore crab (Carcinus maenas L.)â€"Assay development and validation. Journal of Experimental Marine Biology and Ecology, 2010, 391, 178-189.	0.7	33
41	Development and Application of Microsatellites in Carcinus maenas: Genetic Differentiation between Northern and Central Portuguese Populations. PLoS ONE, 2009, 4, e7268.	1.1	20
42	Development of 30 microsatellite markers for dab (Limanda limanda L.): a key UK marine biomonitoring species. Molecular Ecology Resources, 2009, 9, 951-955.	2.2	6
43	Isolation and characterization of 28 new microsatellite markers for European flounder (Platichthys flesus L.). Molecular Ecology Resources, 2009, 9, 1065-1068.	2.2	2
44	Mapping the spawning grounds of North Sea cod (Gadus morhua) by direct and indirect means. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1543-1548.	1.2	66
45	Isolation and characterization of polymorphic microsatellite loci in the gudgeon, Gobio gobio (Cyprinidae). Molecular Ecology Notes, 2006, 6, 387-389.	1.7	3
46	Characterization of microsatellite loci in Brachyderes rugatus, the Canary Islands pine weevil (Coleoptera: Curculionidae). Molecular Ecology Notes, 2006, 6, 820-822.	1.7	4
47	Benefits and costs to mussels from ejecting bitterling embryos: a test of the evolutionary equilibrium hypothesis. Animal Behaviour, 2005, 70, 31-37.	0.8	31
48	Variation in habitat preference and population structure among three species of the Lake Malawi cichlid genus Protomelas. Molecular Ecology, 2004, 13, 2691-2697.	2.0	26
49	Title is missing!. Conservation Genetics, 2003, 4, 129-140.	0.8	29
50	Evidence for genetic monogamy and femaleâ€biased dispersal in the biparental mouthbrooding cichlid Eretmodus cyanostictus from Lake Tanganyika. Molecular Ecology, 2003, 12, 3173-3177.	2.0	53
51	Species-specific TaqMan probes for simultaneous identification of (Gadus morhua L.), haddock (Melanogrammus aeglefinus L.) and whiting (Merlangius merlangus L.).. Molecular Ecology Notes, 2002, 2, 599-601.	1.7	98
52	Characterization of tetranucleotide microsatellite loci in a Lake Victorian, haplochromine cichlid fish: a Pundamilia pundamilia x Pundamilia nyererei hybrid. Molecular Ecology Notes, 2002, 2, 443-445.	1.7	42
53	Sexual selection, parasites and bower height skew in a bower-building cichlid fish. Animal Behaviour, 1998, 56, 379-384.	0.8	57