

Michael R Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/418696/publications.pdf>

Version: 2024-02-01

22
papers

2,710
citations

623734

14
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

4251
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and cost-effective polymorphism identification and genotyping using restriction site associated DNA (RAD) markers. <i>Genome Research</i> , 2007, 17, 240-248.	5.5	931
2	Genotyping-by-sequencing in ecological and conservation genomics. <i>Molecular Ecology</i> , 2013, 22, 2841-2847.	3.9	469
3	RAD Capture (Rapture): Flexible and Efficient Sequence-Based Genotyping. <i>Genetics</i> , 2016, 202, 389-400.	2.9	366
4	A conserved haplotype controls parallel adaptation in geographically distant salmonid populations. <i>Molecular Ecology</i> , 2012, 21, 237-249.	3.9	201
5	The evolutionary basis of premature migration in Pacific salmon highlights the utility of genomics for informing conservation. <i>Science Advances</i> , 2017, 3, e1603198.	10.3	188
6	Rapid parallel evolution of standing variation in a single, complex, genomic region is associated with life history in steelhead/rainbow trout. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140012.	2.6	140
7	Anthropogenic habitat alteration leads to rapid loss of adaptive variation and restoration potential in wild salmon populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 177-186.	7.1	88
8	RAD marker microarrays enable rapid mapping of zebrafish mutations. <i>Genome Biology</i> , 2007, 8, R105.	9.6	62
9	Tradeoffs and utility of alternative RADseq methods: Reply to Puritz et al. <i>Molecular Ecology</i> , 2014, 23, 5943-5946.	3.9	55
10	Applying thiouracil tagging to mouse transcriptome analysis. <i>Nature Protocols</i> , 2014, 9, 410-420.	12.0	47
11	A versatile Rapture (RAD-Capture) platform for genotyping marine turtles. <i>Molecular Ecology Resources</i> , 2019, 19, 497-511.	4.8	26
12	Implications of Large-Effect Loci for Conservation: A Review and Case Study with Pacific Salmon. <i>Journal of Heredity</i> , 2022, 113, 121-144.	2.4	25
13	Wildfire reveals transient changes to individual traits and population responses of a native bumble bee <i>Bombus vosnesenskii</i> . <i>Journal of Animal Ecology</i> , 2020, 89, 1799-1810.	2.8	19
14	Forests do not limit bumble bee foraging movements in a montane meadow complex. <i>Ecological Entomology</i> , 2020, 45, 955-965.	2.2	18
15	Parallel evolution of the summer steelhead ecotype in multiple populations from Oregon and Northern California. <i>Conservation Genetics</i> , 2016, 17, 165-175.	1.5	17
16	Hybridization between two parapatric ranid frog species in the northern Sierra Nevada, California, USA. <i>Molecular Ecology</i> , 2019, 28, 4636-4647.	3.9	15
17	Flow modification associated with reduced genetic health of a river-breeding frog, <i>Rana boylei</i> . <i>Ecosphere</i> , 2021, 12, e03496.	2.2	12
18	Failure to differentiate between divergence of species and their genes can result in over-estimation of mutation rates in recently diverged species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170021.	2.6	10

#	ARTICLE	IF	CITATIONS
19	On the Ecology and Distribution of Steelhead (<i>Oncorhynchus mykiss</i>) in California's Eel River. <i>Journal of Heredity</i> , 2020, 111, 548-563.	2.4	6
20	Rapture facilitates inexpensive and high-throughput parent-based tagging in salmonids. <i>PLoS ONE</i> , 2020, 15, e0239221.	2.5	6
21	Best available science still supports an ancient common origin of Devils Hole and Devils Hole pupfish. <i>Molecular Ecology</i> , 2018, 27, 839-842.	3.9	3
22	Phylo-comparative analyses reveal the dual role of drift and selection in reproductive character displacement. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106597.	2.7	1