

Yniv Palti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4767159/publications.pdf>

Version: 2024-02-01

99
papers

6,968
citations

57719

44
h-index

66879

78
g-index

109
all docs

109
docs citations

109
times ranked

7462
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide mapping of quantitative trait loci that can be used in marker-assisted selection for resistance to bacterial cold water disease in two commercial rainbow trout breeding populations. <i>Aquaculture</i> , 2022, 560, 738574.	1.7	4
2	A long reads-based <i>de-novo</i> assembly of the genome of the Arlee homozygous line reveals chromosomal rearrangements in rainbow trout. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	40
3	Identification of High-Confidence Structural Variants in Domesticated Rainbow Trout Using Whole-Genome Sequencing. <i>Frontiers in Genetics</i> , 2021, 12, 639355.	1.1	11
4	Structure and regulation of the NK-lysin (1â€“4) and NK-lysin like (a and b) antimicrobial genes in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Developmental and Comparative Immunology</i> , 2021, 116, 103961.	1.0	8
5	Genomic analysis of a second rainbow trout line (Arlee) leads to an extended description of the IGH VDJ gene repertoire. <i>Developmental and Comparative Immunology</i> , 2021, 118, 103998.	1.0	7
6	The accuracy of genomic predictions for bacterial cold water disease resistance remains higher than the pedigree-based model one generation after model training in a commercial rainbow trout breeding population. <i>Aquaculture</i> , 2021, 545, 737164.	1.7	15
7	Assessing Accuracy of Genomic Predictions for Resistance to Infectious Hematopoietic Necrosis Virus With Progeny Testing of Selection Candidates in a Commercial Rainbow Trout Breeding Population. <i>Frontiers in Veterinary Science</i> , 2020, 7, 590048.	0.9	14
8	A New Single Nucleotide Polymorphism Database for North American Atlantic Salmon Generated Through Whole Genome Resequencing. <i>Frontiers in Genetics</i> , 2020, 11, 85.	1.1	8
9	Whole-genome mapping of quantitative trait loci and accuracy of genomic predictions for resistance to columnaris disease in two rainbow trout breeding populations. <i>Genetics Selection Evolution</i> , 2019, 51, 42.	1.2	39
10	Genome-wide association analysis and accuracy of genome-enabled breeding value predictions for resistance to infectious hematopoietic necrosis virus in a commercial rainbow trout breeding population. <i>Genetics Selection Evolution</i> , 2019, 51, 47.	1.2	53
11	Sex-dependent dominance maintains migration supergene in rainbow trout. <i>Nature Ecology and Evolution</i> , 2019, 3, 1731-1742.	3.4	188
12	Variance and covariance estimates for resistance to bacterial cold water disease and columnaris disease in two rainbow trout breeding populations. <i>Journal of Animal Science</i> , 2019, 97, 1124-1132.	0.2	12
13	Rapid discovery of SNPs that differentiate hatchery steelhead trout from ESA-listed natural-origin steelhead trout using a 57K SNP array. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1160-1168.	0.7	8
14	Genome-Wide Association Analysis With a 50K Transcribed Gene SNP-Chip Identifies QTL Affecting Muscle Yield in Rainbow Trout. <i>Frontiers in Genetics</i> , 2018, 9, 387.	1.1	39
15	Three generations of selective breeding improved rainbow trout (<i>Oncorhynchus mykiss</i>) disease resistance against natural challenge with <i>Flavobacterium psychrophilum</i> during early life-stage rearing. <i>Aquaculture</i> , 2018, 497, 414-421.	1.7	30
16	A New Single Nucleotide Polymorphism Database for Rainbow Trout Generated Through Whole Genome Resequencing. <i>Frontiers in Genetics</i> , 2018, 9, 147.	1.1	55
17	Retrospective Evaluation of Marker-Assisted Selection for Resistance to Bacterial Cold Water Disease in Three Generations of a Commercial Rainbow Trout Breeding Population. <i>Frontiers in Genetics</i> , 2018, 9, 286.	1.1	29
18	Accurate genomic predictions for BCWD resistance in rainbow trout are achieved using low-density SNP panels: Evidence that long-range LD is a major contributing factor. <i>Journal of Animal Breeding and Genetics</i> , 2018, 135, 263-274.	0.8	105

#	ARTICLE	IF	CITATIONS
19	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. <i>BMC Genomics</i> , 2017, 18, 191.	1.2	155
20	Genomic selection models double the accuracy of predicted breeding values for bacterial cold water disease resistance compared to a traditional pedigree-based model in rainbow trout aquaculture. <i>Genetics Selection Evolution</i> , 2017, 49, 17.	1.2	191
21	Functional Annotation of All Salmonid Genomes (FAASC): an international initiative supporting future salmonid research, conservation and aquaculture. <i>BMC Genomics</i> , 2017, 18, 484.	1.2	99
22	Assessment of genetic differentiation and genetic assignment of commercial rainbow trout strains using a SNP panel. <i>Aquaculture</i> , 2017, 468, 120-125.	1.7	11
23	Identification of SNPs associated with muscle yield and quality traits using allelic-imbalance analyses of pooled RNA-Seq samples in rainbow trout. <i>BMC Genomics</i> , 2017, 18, 582.	1.2	32
24	209 Prospecting genomic regions associated with columnaris disease in two rainbow trout breeding populations. <i>Journal of Animal Science</i> , 2017, 95, 103-104.	0.2	0
25	Similar Genetic Architecture with Shared and Unique Quantitative Trait Loci for Bacterial Cold Water Disease Resistance in Two Rainbow Trout Breeding Populations. <i>Frontiers in Genetics</i> , 2017, 8, 156.	1.1	80
26	Evaluation of Genome-Enabled Selection for Bacterial Cold Water Disease Resistance Using Progeny Performance Data in Rainbow Trout: Insights on Genotyping Methods and Genomic Prediction Models. <i>Frontiers in Genetics</i> , 2016, 7, 96.	1.1	118
27	Genome-Wide Association Study for Identifying Loci that Affect Fillet Yield, Carcass, and Body Weight Traits in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Frontiers in Genetics</i> , 2016, 7, 203.	1.1	124
28	Transcriptome profiling in fast versus slow-growing rainbow trout across seasonal gradients. <i>BMC Genomics</i> , 2016, 17, 60.	1.2	57
29	The Atlantic salmon genome provides insights into rediploidization. <i>Nature</i> , 2016, 533, 200-205.	13.7	1,021
30	Differential expression of long non-coding RNAs in three genetic lines of rainbow trout in response to infection with <i>Flavobacterium psychrophilum</i> . <i>Scientific Reports</i> , 2016, 6, 36032.	1.6	52
31	Development and validation of a SNP panel for parentage assignment in rainbow trout. <i>Aquaculture</i> , 2016, 452, 178-182.	1.7	43
32	Identification of single nucleotide polymorphism markers associated with bacterial cold water disease resistance and spleen size in rainbow trout. <i>Frontiers in Genetics</i> , 2015, 6, 298.	1.1	62
33	Detection and Validation of QTL Affecting Bacterial Cold Water Disease Resistance in Rainbow Trout Using Restriction-Site Associated DNA Sequencing. <i>PLoS ONE</i> , 2015, 10, e0138435.	1.1	94
34	Identification of Single-Nucleotide Polymorphism Markers Associated with Cortisol Response to Crowding in Rainbow Trout. <i>Marine Biotechnology</i> , 2015, 17, 328-337.	1.1	35
35	The development and characterization of a 57 single nucleotide polymorphism array for rainbow trout. <i>Molecular Ecology Resources</i> , 2015, 15, 662-672.	2.2	201
36	Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project. <i>Genome Biology</i> , 2015, 16, 57.	3.8	331

#	ARTICLE	IF	CITATIONS
37	A resource of single nucleotide polymorphisms for rainbow trout generated by restriction site associated DNA sequencing of doubled haploids. <i>Molecular Ecology Resources</i> , 2014, 14, 588-596.	2.2	64
38	Detection of QTL in Rainbow Trout Affecting Survival When Challenged with <i>Flavobacterium psychrophilum</i> . <i>Marine Biotechnology</i> , 2014, 16, 349-360.	1.1	79
39	Validation of linked QTL for bacterial cold water disease resistance and spleen size on rainbow trout chromosome Omy19. <i>Aquaculture</i> , 2014, 432, 139-143.	1.7	33
40	Whole-body transcriptome of selectively bred, resistant-, control-, and susceptible-line rainbow trout following experimental challenge with <i>Flavobacterium psychrophilum</i> . <i>Frontiers in Genetics</i> , 2014, 5, 453.	1.1	74
41	RNA-seq Analysis of Early Hepatic Response to Handling and Confinement Stress in Rainbow Trout. <i>PLoS ONE</i> , 2014, 9, e88492.	1.1	32
42	A deleterious effect associated with UNH159 is attenuated in twin embryos of an inbred line of blue tilapia <i>Oreochromis aureus</i> . <i>Journal of Fish Biology</i> , 2013, 82, 42-53.	0.7	7
43	Quantitative Trait Loci Affecting Response to Crowding Stress in an F2 Generation of Rainbow Trout Produced Through Phenotypic Selection. <i>Marine Biotechnology</i> , 2013, 15, 613-627.	1.1	13
44	Phenotypic and Genetic Variation in Two North American Arctic Charr, <i>Salvelinus alpinus</i> , Stocks Cultured in a Recirculating Aquaculture System. <i>Journal of the World Aquaculture Society</i> , 2013, 44, 473-485.	1.2	5
45	Assessment of Genetic Correlation between Bacterial Cold Water Disease Resistance and Spleen Index in a Domesticated Population of Rainbow Trout: Identification of QTL on Chromosome Omy19. <i>PLoS ONE</i> , 2013, 8, e75749.	1.1	68
46	QTL affecting stress response to crowding in a rainbow trout broodstock population. <i>BMC Genetics</i> , 2012, 13, 97.	2.7	31
47	RNA-Seq Identifies SNP Markers for Growth Traits in Rainbow Trout. <i>PLoS ONE</i> , 2012, 7, e36264.	1.1	138
48	A Second Generation Integrated Map of the Rainbow Trout (<i>Oncorhynchus mykiss</i>) Genome: Analysis of Conserved Synteny with Model Fish Genomes. <i>Marine Biotechnology</i> , 2012, 14, 343-357.	1.1	45
49	A conserved haplotype controls parallel adaptation in geographically distant salmonid populations. <i>Molecular Ecology</i> , 2012, 21, 237-249.	2.0	201
50	Microarray analysis of differential utilization of plant-based diets by rainbow trout. <i>Aquaculture International</i> , 2012, 20, 213-232.	1.1	5
51	Association between IL-10a single nucleotide polymorphisms and resistance to cyprinid herpesvirus-3 infection in common carp (<i>Cyprinus carpio</i>). <i>Aquaculture</i> , 2011, 315, 417-421.	1.7	58
52	Toll-like receptors in bony fish: From genomics to function. <i>Developmental and Comparative Immunology</i> , 2011, 35, 1263-1272.	1.0	462
53	Molecular cloning, characterization and expression analysis of TLR9, MyD88 and TRAF6 genes in common carp (<i>Cyprinus carpio</i>). <i>Fish and Shellfish Immunology</i> , 2011, 30, 361-371.	1.6	93
54	A first generation integrated map of the rainbow trout genome. <i>BMC Genomics</i> , 2011, 12, 180.	1.2	51

#	ARTICLE	IF	CITATIONS
55	Analysis of BAC-end sequences in rainbow trout: Content characterization and assessment of synteny between trout and other fish genomes. <i>BMC Genomics</i> , 2011, 12, 314.	1.2	23
56	Response to selection for bacterial cold water disease resistance in rainbow trout ^{1,2} . <i>Journal of Animal Science</i> , 2010, 88, 1936-1946.	0.2	114
57	Evidence of major genes affecting resistance to bacterial cold water disease in rainbow trout using Bayesian methods of segregation analysis ¹ . <i>Journal of Animal Science</i> , 2010, 88, 3814-3832.	0.2	21
58	Identification, characterization and genetic mapping of TLR1 loci in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Animal Science</i> , 2010, 88, 1010-1016.	1.6	54
59	SNP discovery and development of genetic markers for mapping innate immune response genes in common carp (<i>Cyprinus carpio</i>). <i>Fish and Shellfish Immunology</i> , 2010, 29, 356-361.	1.6	85
60	Identification, characterization and genetic mapping of TLR7, TLR8a1 and TLR8a2 genes in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Developmental and Comparative Immunology</i> , 2010, 34, 219-233.	1.0	95
61	Rainbow trout resistance to bacterial cold-water disease is moderately heritable and is not adversely correlated with growth ¹ . <i>Journal of Animal Science</i> , 2009, 87, 860-867.	0.2	120
62	A first generation BAC-based physical map of the rainbow trout genome. <i>BMC Genomics</i> , 2009, 10, 462.	1.2	41
63	Single nucleotide polymorphism identification, genetic mapping and tissue expression of the rainbow trout <i>TLR9</i> gene. <i>Animal Genetics</i> , 2009, 40, 1001-1001.	0.6	13
64	Suggestive Association of Major Histocompatibility IB Genetic Markers with Resistance to Bacterial Cold Water Disease in Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Marine Biotechnology</i> , 2008, 10, 429-437.	1.1	48
65	A second generation genetic map for rainbow trout (<i>Oncorhynchus mykiss</i>). <i>BMC Genetics</i> , 2008, 9, 74.	2.7	116
66	Family growth response to fishmeal and plant-based diets shows genotype×diet interaction in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2008, 278, 37-42.	1.7	80
67	Selective breeding and genetic mapping of disease resistance in rainbow trout. <i>Aquaculture</i> , 2007, 272, S298.	1.7	1
68	Evolutionary history of the ABCB2 genomic region in teleosts. <i>Developmental and Comparative Immunology</i> , 2007, 31, 483-498.	1.0	15
69	Development and evaluation of a new microsatellite multiplex system for parental allocation and management of rainbow trout (<i>Oncorhynchus mykiss</i>) broodstocks. <i>Aquaculture</i> , 2007, 266, 53-62.	1.7	29
70	Evaluation of family growth response to fishmeal and gluten-based diets in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2006, 255, 548-556.	1.7	62
71	Mapping of Toll-like receptor genes in rainbow trout. <i>Animal Genetics</i> , 2006, 37, 597-598.	0.6	21
72	Mapping of genes in a region associated with upper temperature tolerance in rainbow trout. <i>Animal Genetics</i> , 2006, 37, 598-599.	0.6	5

#	ARTICLE	IF	CITATIONS
73	A Polymerase Chain Reaction Screening Method for Rapid Detection of Microsatellites in Bacterial Artificial Chromosomes. <i>Marine Biotechnology</i> , 2006, 8, 346-350.	1.1	11
74	Identification and regulatory analysis of rainbow trout tapasin and tapasin-related genes. <i>Immunogenetics</i> , 2006, 58, 56-69.	1.2	33
75	Towards the definition of pathogenic microbe. <i>International Journal of Food Microbiology</i> , 2006, 112, 236-243.	2.1	11
76	Genomic structure and expression of uncoupling protein 2 genes in rainbow trout (<i>Oncorhynchus Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>)	1.2	30
77	Sequence of the canine major histocompatibility complex region containing non-classical class I genes. <i>Tissue Antigens</i> , 2005, 65, 549-555.	1.0	10
78	Comparative mapping of expressed sequence tags containing microsatellites in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>BMC Genomics</i> , 2005, 6, 54.	1.2	54
79	Characterization of Toll-like receptor 3 gene in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Immunogenetics</i> , 2005, 57, 510-519.	1.2	163
80	Amplified Intergenic Locus Polymorphism as a Basis for Bacterial Typing of <i>Listeria</i> spp. and <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 3144-3152.	1.4	9
81	Phylogeny and Strain Typing of <i>Escherichiacoli</i> , Inferred from Variation at Mononucleotide RepeatLoci. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2464-2473.	1.4	25
82	Characterization of a new BAC library for rainbow trout: evidence for multi-locus duplication. <i>Animal Genetics</i> , 2004, 35, 130-133.	0.6	66
83	Genomic characterization of a novel pair ofIDgenes in the rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Animal Genetics</i> , 2004, 35, 317-320.	0.6	10
84	Physical and genetic mapping of the rainbow trout major histocompatibility regions: evidence for duplication of the class I region. <i>Immunogenetics</i> , 2003, 55, 561-569.	1.2	77
85	Characterization of twenty-four microsatellite markers for rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Molecular Ecology Notes</i> , 2003, 3, 619-622.	1.7	21
86	Characterization and mapping of 19 polymorphic microsatellite markers for rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Animal Genetics</i> , 2003, 34, 153-156.	0.6	14
87	Sequence analysis of a rainbow trout cDNA library and creation of a gene index. <i>Cytogenetic and Genome Research</i> , 2003, 102, 347-354.	0.6	97
88	Development of Ninety-Seven Polymorphic Microsatellite Markers for Rainbow Trout. <i>Transactions of the American Fisheries Society</i> , 2003, 132, 1214-1221.	0.6	22
89	Association Between Loci With Deleterious Alleles and Distorted Sex Ratios in an Inbred Line of Tilapia (<i>Oreochromis aureus</i>). , 2002, 93, 270-276.		43
90	Detection of genes with deleterious alleles in an inbred line of tilapia (<i>Oreochromis aureus</i>). <i>Aquaculture</i> , 2002, 206, 151-164.	1.7	38

#	ARTICLE	IF	CITATIONS
91	Status and opportunities for genomics research with rainbow trout. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 133, 609-646.	0.7	206
92	Characterization of 38 polymorphic microsatellite markers for rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Heredity</i> , 2000, 91, 50-70.	1.7	34
93	Association between DNA polymorphisms tightly linked to MHC class II genes and IHN virus resistance in backcrosses of rainbow and cutthroat trout. <i>Aquaculture</i> , 2001, 194, 283-289.	1.7	75
94	A microsatellite locus has more than one copy in the genome of two tilapia species (<i>Oreochromis niloticus</i> and <i>O. mossambicus</i>). <i>Journal of Heredity</i> , 2000, 91, 10-14.	0.6	4
95	Identification of candidate DNA markers associated with IHN virus resistance in backcrosses of rainbow (<i>Oncorhynchus mykiss</i>) and cutthroat trout (<i>O. clarki</i>). <i>Aquaculture</i> , 1999, 173, 81-94.	1.7	50
96	Improved Efficiency of Heat and Pressure Shocks for Producing Gynogenetic Rainbow Trout. <i>Progressive Fish-Culturist</i> , 1997, 59, 1-13.	0.6	26
97	Assessment of genetic variability among strains of rainbow and cutthroat trout using multilocus DNA fingerprints. <i>Aquaculture</i> , 1997, 149, 47-56.	1.7	4
98	Identification of Haplotypes Associated With Resistance to Bacterial Cold Water Disease in Rainbow Trout Using Whole-Genome Resequencing. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
99	Development of a High-Density 665 K SNP Array for Rainbow Trout Genome-Wide Genotyping. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	5