

Jonathan M Wright

List of Publications by Year in descending order

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80
papers

3,789
citations

126907

33
h-index

133252

59
g-index

80
all docs

80
docs citations

80
times ranked

2674
citing authors

#	ARTICLE	IF	CITATIONS
1	Microsatellite DNA in fishes. <i>Reviews in Fish Biology and Fisheries</i> , 1997, 7, 331-363.	4.9	284
2	Birth weight and neonatal survival of harbour seal pups are positively correlated with genetic variation measured by microsatellites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 803-809.	2.6	266
3	Microsatellites: genetic markers for the future. <i>Reviews in Fish Biology and Fisheries</i> , 1994, 4, 384-388.	4.9	186
4	Polymorphic microsatellite loci from Atlantic salmon (<i>Salmo salar</i>): genetic differentiation of North American and European populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1995, 52, 1863-1872.	1.4	182
5	Organization of Microsatellites Differs between Mammals and Cold-water Teleost Fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1994, 51, 1959-1966.	1.4	181
6	Microsatellites from rainbow trout (<i>Oncorhynchus mykiss</i>) and their use for genetic study of salmonids. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1996, 53, 120-126.	1.4	165
7	DNA fingerprint based analysis of paternal and maternal effects on offspring growth and survival in communally reared rainbow trout. <i>Aquaculture</i> , 1995, 137, 245-256.	3.5	143
8	Geographic variation in multiple paternity within natural populations of the guppy (<i>Poecilia reticulata</i>). <i>Evolution</i> , 2000, 54, 462-470.	2.6	107
9	Molecular organization of 5S rDNA in fishes of the genus <i>Brycon</i> . <i>Genome</i> , 2001, 44, 893-902.	2.0	101
10	Early growth performance of Atlantic salmon full-sib families reared in single family tanks versus in mixed family tanks. <i>Aquaculture</i> , 1999, 173, 105-116.	3.5	100
11	Differentiation of rainbow trout (<i>Oncorhynchus mykiss</i>) populations in Lake Ontario and the evaluation of the stepwise mutation and infinite allele mutation models using microsatellite variability. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1997, 54, 1391-1399.	1.4	89
12	Expression of the cloned genes encoding the putrescine biosynthetic enzymes and methionine adenosyltransferase of <i>Escherichia coli</i> (<i>speA</i> , <i>speB</i> , <i>speC</i> and <i>metK</i>). <i>Gene</i> , 1984, 30, 129-136.	2.2	79
13	DNA fingerprinting of tilapia, <i>Oreochromis niloticus</i> , and its application to aquaculture genetics. <i>Aquaculture</i> , 1991, 92, 157-163.	3.5	78
14	Molecular organization of 5S rDNA in fishes of the genus <i>Brycon</i> . <i>Genome</i> , 2001, 44, 893-902.	2.0	66
15	Molecular and cytogenetic analysis of the telomeric (TTAGGG) _n repetitive sequences in the Nile tilapia, <i>Oreochromis niloticus</i> (Teleostei: Cichlidae). <i>Chromosoma</i> , 2002, 111, 45-52.	2.2	59
16	DNA fingerprinting of bluegill sunfish (<i>Lepomis macrochirus</i>) using (GT) _n microsatellites and its potential for assessment of mating success. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1996, 53, 342-349.	1.4	58
17	CanSINEs: a family of tRNA-derived retrotransposons specific to the superfamily Canoidea. <i>Nucleic Acids Research</i> , 1994, 22, 2726-2730.	14.5	57
18	Nucleotide Sequence of 5s rDNA and Localization of the Ribosomal RNA Genes to Metaphase Chromosomes of the Tilapiine Cichlid Fish, <i>Oreochromis Niloticus</i> . <i>Hereditas</i> , 2000, 133, 39-46.	1.4	57

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19	Molecular cytogenetic analysis of heterochromatin in the chromosomes of tilapia, <i>Oreochromis niloticus</i> (Teleostei: Cichlidae)., 1998, 6, 205-211.		56
20	Induction by torsional stress of an altered DNA conformation 5' upstream of the gene for a high mobility group protein from trout and specific binding to flanking sequences by the gene product HMG-T. <i>Biochemistry</i> , 1988, 27, 576-581.	2.5	55
21	Hierarchical subfunctionalization of <i>fabp1a</i> , <i>fabp1b</i> and <i>fabp10</i> tissue-specific expression may account for retention of these duplicated genes in the zebrafish (<i>Danio rerio</i>) genome. <i>FEBS Journal</i> , 2006, 273, 3216-3229.	4.7	51
22	Nucleotide sequence, genomic organization and evolution of a major repetitive DNA family in tilapia (<i>Oreochromis mossambicus</i> homorum). <i>Nucleic Acids Research</i> , 1989, 17, 5071-5081.	14.5	48
23	Structure, linkage mapping and expression of the heart-type fatty acid-binding protein gene (<i>fabp3</i>) from zebrafish (<i>Danio rerio</i>). <i>FEBS Journal</i> , 2003, 270, 3223-3234.	0.2	46
24	cDNA sequence and tissue-specific expression of a basic liver-type fatty acid binding protein in adult zebrafish (<i>Danio rerio</i>). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1492, 227-232.	2.4	43
25	Differential expression of duplicated genes for brain-type fatty acid-binding proteins (<i>fabp7a</i> and <i>fabp7b</i>) in zebrafish (<i>Danio rerio</i>). <i>Genomics</i> , 2004, 4, 379-387.	0.8	40
26	Nucleotide sequence and evolutionary conservation of a minisatellite variable number tandem repeat cloned from Atlantic salmon, <i>Salmo salar</i> . <i>Genome</i> , 1993, 36, 271-277.	2.0	39
27	A LINE2 repetitive DNA sequence from the cichlid fish, <i>Oreochromis niloticus</i> : sequence analysis and chromosomal distribution. <i>Chromosoma</i> , 1999, 108, 457-468.	2.2	39
28	Structure, mRNA expression and linkage mapping of the brain-type fatty acid-binding protein gene (<i>fabp7</i>) from zebrafish (<i>Danio rerio</i>). <i>FEBS Journal</i> , 2003, 270, 715-725.	0.2	39
29	MITOCHONDRIAL DNA VARIATION, SPECIES LIMITS, AND RAPID EVOLUTION OF PLUMAGE COLORATION AND SIZE IN THE SAVANNAH SPARROW. <i>Condor</i> , 2005, 107, 21.	1.6	39
30	Sequence, linkage mapping and early developmental expression of the intestinal-type fatty acid-binding protein gene (<i>fabp2</i>) from zebrafish (<i>Danio rerio</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 138, 391-398.	1.6	38
31	The evolutionary relationship between the duplicated copies of the zebrafish <i>fabp11</i> gene and the tetrapod <i>FABP4</i> , <i>FABP5</i> , <i>FABP8</i> and <i>FABP9</i> genes. <i>FEBS Journal</i> , 2008, 275, 3031-3040.	4.7	36
32	A satellite DNA family from pollock (<i>Pollachius virens</i>). <i>Gene</i> , 1990, 87, 279-283.	2.2	35
33	Mitochondrial DNA Variation, Species Limits, and Rapid Evolution of Plumage Coloration and Size in the Savannah Sparrow. <i>Condor</i> , 2005, 107, 21-28.	1.6	35
34	Physical mapping of the Nile tilapia (<i>Oreochromis niloticus</i>) genome by fluorescent in situ hybridization of repetitive DNAs to metaphase chromosomes—a review. <i>Aquaculture</i> , 2004, 231, 37-49.	3.5	34
35	Retention of the duplicated cellular retinoic acid-binding protein 1 genes (<i>crabp1a</i> and <i>crabp1b</i>) in the zebrafish genome by subfunctionalization of tissue-specific expression. <i>FEBS Journal</i> , 2005, 272, 3561-3571.	4.7	34
36	Differential expression of the duplicated cellular retinoic acid-binding protein 2 genes (<i>crabp2a</i> and <i>crabp2b</i>) in zebrafish (<i>Danio rerio</i>). <i>Genomics</i> , 2004, 4, 379-387.	0.8	33

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37	Differential transcriptional modulation of duplicated fatty acid-binding protein genes by dietary fatty acids in zebrafish (<i>Danio rerio</i>): evidence for subfunctionalization or neofunctionalization of duplicated genes. <i>BMC Evolutionary Biology</i> , 2009, 9, 219.	3.2	33
38	Negative control of ornithine decarboxylase and arginine decarboxylase by adenosine-3'-5'-Cyclic monophosphate in <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1982, 186, 482-487.	2.4	32
39	Differential tissue-specific distribution of transcripts for the duplicated fatty acid-binding protein 10 (<i>fabp10</i>) genes in embryos, larvae and adult zebrafish (<i>Danio rerio</i>). <i>FEBS Journal</i> , 2009, 276, 6787-6797.	4.7	32
40	Tissue-specific differential induction of duplicated fatty acid-binding protein genes by the peroxisome proliferator, clofibrate, in zebrafish (<i>Danio rerio</i>). <i>BMC Evolutionary Biology</i> , 2012, 12, 112.	3.2	32
41	The Utility of SATA Satellite DNA Sequences for Inferring Phylogenetic Relationships among the Three Major Genera of Tilapia Cichlid Fishes. <i>Molecular Phylogenetics and Evolution</i> , 1994, 3, 10-16.	2.7	31
42	Mutation at VNTRs: Are minisatellites the evolutionary progeny of microsatellites?. <i>Genome</i> , 1994, 37, 345-347.	2.0	31
43	Biogeographic Analysis of Pacific Trout (<i>Oncorhynchus mykiss</i>) in California and Mexico Based on Mitochondrial DNA and Nuclear Microsatellites. , 1997, , 53-73.		29
44	Spatio-temporal distribution of fatty acid-binding protein 6 (<i>fabp6</i>) gene transcripts in the developing and adult zebrafish (<i>Danio rerio</i>). <i>FEBS Journal</i> , 2008, 275, 3325-3334.	4.7	29
45	Tissue-specific transcriptional modulation of fatty acid-binding protein genes, <i>fabp2</i> , <i>fabp3</i> and <i>fabp6</i> , by fatty acids and the peroxisome proliferator, clofibrate, in zebrafish (<i>Danio rerio</i>). <i>Gene</i> , 2013, 520, 14-21.	2.2	29
46	The <i>fabp4</i> gene of zebrafish (<i>Danio rerio</i>)'s genomic homology with the mammalian FABP4 and divergence from the zebrafish <i>fabp3</i> in developmental expression. <i>FEBS Journal</i> , 2007, 274, 1621-1633.	4.7	28
47	Divergent spatial regulation of duplicated fatty acid-binding protein (<i>fabp</i>) genes in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 14, 26-32.	1.0	27
48	Conservation of a satellite DNA sequence (SATB) in the tilapia and haplochromine genome (Pisces:). <i>Trends in Ecology & Evolution</i> , 2007, 22, 250-256.		26
49	Nucleotide sequence of cDNA clones coding for a brain-type fatty acid binding protein and its tissue-specific expression in adult zebrafish (<i>Danio rerio</i>). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1492, 221-226.	2.4	26
50	Subfunctionalization of peroxisome proliferator response elements accounts for retention of duplicated <i>fabp1</i> genes in zebrafish. <i>BMC Evolutionary Biology</i> , 2016, 16, 147.	3.2	26
51	Spatio-temporal distribution of cellular retinol-binding protein gene transcripts (CRBPI and CRBPII) in the developing and adult zebrafish (<i>Danio rerio</i>). <i>FEBS Journal</i> , 2004, 271, 339-348.	0.2	25
52	The evolutionary relationship of the transcriptionally active <i>fabp11a</i> (intronless) and <i>fabp11b</i> genes of medaka with <i>fabp11</i> genes of other teleost fishes. <i>FEBS Journal</i> , 2012, 279, 2310-2321.	4.7	25
53	Nucleotide sequence of a cDNA clone coding for an intestinal-type fatty acid binding protein and its tissue-specific expression in zebrafish (<i>Danio rerio</i>). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1490, 175-183.	2.4	24
54	Microsatellites: genetic markers for the future. , 1995, , 117-121.		22

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55	A cellular retinoic acid-binding protein from zebrafish (<i>Danio rerio</i>): cDNA sequence, phylogenetic analysis, mRNA expression, and gene linkage mapping. <i>Gene</i> , 2003, 311, 119-128.	2.2	21
56	Evolution of the duplicated intracellular lipid-binding protein genes of teleost fishes. <i>Molecular Genetics and Genomics</i> , 2017, 292, 699-727.	2.1	21
57	DNA fingerprinting of harbour seals (<i>Phoca vitulina concolor</i>): male mating behaviour may not be a reliable indicator of reproductive success. <i>Canadian Journal of Zoology</i> , 1991, 69, 1862-1866.	1.0	19
58	The Cellular Retinol-Binding Protein Genes Are Duplicated and Differentially Transcribed in the Developing and Adult Zebrafish (<i>Danio rerio</i>). <i>Molecular Biology and Evolution</i> , 2005, 22, 469-477.	8.9	18
59	Fatty acid-binding protein (<i>fabp</i>) genes of spotted green pufferfish (<i>Tetraodon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 289-301.	2.0	18
60	Nucleotide sequence and genomic organization of cichlid fish minisatellites. <i>Genome</i> , 1995, 38, 177-184.	2.0	17
61	Differential regulation of the duplicated <i>fabp7</i> , <i>fabp10</i> and <i>fabp11</i> genes of zebrafish by peroxisome proliferator activated receptors. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 213, 81-90.	1.6	16
62	DNA fingerprinting of red clover (<i>Trifolium pratense</i> L.) with Jeffrey's probes: detection of somaclonal variation and other applications. <i>Plant Cell Reports</i> , 1993, 13, 72-78.	5.6	13
63	Short interspersed repetitive elements (SINEs) from the cichlid fish, <i>Oreochromis niloticus</i> , and their chromosomal localization by fluorescent in situ hybridization. <i>Caryologia</i> , 2003, 56, 181-189.	0.3	13
64	Tandem duplication of the <i>fabp1b</i> gene and subsequent divergence of the tissue-specific distribution of <i>fabp1b.1</i> and <i>fabp1b.2</i> transcripts in zebrafish (<i>Danio rerio</i>). <i>Genome</i> , 2009, 52, 985-992.	2.0	13
65	Cellular retinol-binding protein type II (CRBP II) in adult zebrafish (<i>Danio rerio</i>). <i>FEBS Journal</i> , 2002, 269, 4685-4692.	0.2	12
66	Use of protein blotting to study the DNA-binding properties of histone H1 and H1 variants. <i>FEBS Journal</i> , 1987, 168, 281-285.	0.2	11
67	Primary structure of the <i>speC</i> gene encoding biosynthetic ornithine decarboxylase in <i>Escherichia coli</i> . <i>Gene</i> , 1994, 151, 157-160.	2.2	10
68	Comparative genomic organization and tissue-specific transcription of the duplicated <i>fabp7</i> and <i>fabp10</i> genes in teleost fishes. <i>Genome</i> , 2013, 56, 691-701.	2.0	9
69	Genomic organization and transcription of the medaka and zebrafish cellular retinol-binding protein (<i>rbp</i>) genes. <i>Marine Genomics</i> , 2013, 11, 1-10.	1.1	9
70	Fatty acid-binding protein genes of the ancient, air-breathing, ray-finned fish, spotted gar (<i>Lepisosteus</i>) Tj ETQq0 0,0 rgBT /Oyerlock 10 1,0	1.0	9
71	Comparative evolutionary genomics of medaka and three-spined stickleback <i>fabp2a</i> and <i>fabp2b</i> genes with <i>fabp2</i> of zebrafish. <i>Genome</i> , 2013, 56, 27-37.	2.0	8
72	Divergent evolution of cis-acting peroxisome proliferator-activated receptor elements that differentially control the tandemly duplicated fatty acid-binding protein genes, <i>fabp1b.1</i> and <i>fabp1b.2</i> , in zebrafish. <i>Genome</i> , 2016, 59, 403-412.	2.0	8

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73	Title is missing!. <i>Euphytica</i> , 1999, 105, 211-217.	1.2	7
74	Comparative genomics and evolutionary diversification of the duplicated fabp6a and fabp6b genes in medaka and three-spined stickleback. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2012, 7, 311-321.	1.0	7
75	Duplicated crabp1 and crabp2 genes in medaka (<i>Oryzias latipes</i>): Gene structure, phylogenetic relationship and tissue-specific distribution of transcripts. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2013, 165, 10-18.	1.6	7
76	Isolation of Complementary DNAs Coding for a Receptor for Activated C Kinase (RACK) from Zebrafish (<i>Danio rerio</i>) and Tilapia (<i>Oreochromis niloticus</i>): Constitutive Developmental and Tissue Expression. <i>Marine Biotechnology</i> , 1999, 1, 279-285.	2.4	6
77	The duplicated retinol-binding protein 7 (rbp7) genes are differentially transcribed in embryos and adult zebrafish (<i>Danio rerio</i>). <i>Gene Expression Patterns</i> , 2010, 10, 167-176.	0.8	6
78	Immunologically-related nucleic acid-binding proteins associated with the nuclear matrix of <i>Physarum polycephalum</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1088, 25-30.	2.4	4
79	Chromosome Structure in Fishes. , 2002, , 103-108.		2
80	Chromosomal proteins of <i>Physarum polycephalum</i> with preferential affinity for the sequence, poly d(A-T). poly d(A-T). <i>Molecular Biology Reports</i> , 1992, 16, 105-115.	2.3	0