Jonathan M Wright

List of Publications by Year
in descending order

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	Fatty acid-binding protein genes of the ancient, air-breathing, ray-finned fish, spotted gar (Lepisosteus) Tj ETQq1 1 0.784314 rgBT /O	1.0	9
2	Evolution of the duplicated intracellular lipid-binding protein genes of teleost fishes. Molecular Genetics and Genomics, 2017, 292, 699-727.	2.1	21
3	Differential regulation of the duplicated fabp7 , fabp10 and fabp11 genes of zebrafish by peroxisome proliferator activated receptors. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 213, 81-90.	1.6	16
4	Subfunctionalization of peroxisome proliferator response elements accounts for retention of duplicated fabp1 genes in zebrafish. BMC Evolutionary Biology, 2016, 16, 147.	3.2	26
5	Divergent evolution of cis-acting peroxisome proliferator-activated receptor elements that differentially control the tandemly duplicated fatty acid-binding protein genes, fabp1b.1 and fabp1b.2, in zebrafish. Genome, 2016, 59, 403-412.	2.0	8
6	Divergent spatial regulation of duplicated fatty acid-binding protein (fabp) genes in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 14, 26-32.	1.0	27
7	Fatty acid-binding protein (fabp) genes of spotted green pufferfish (Tetraodon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 289-301.	2.0	18
8	Comparative genomic organization and tissue-specific transcription of the duplicated fabp7 and fabp10 genes in teleost fishes. Genome, 2013, 56, 691-701.	2.0	9
9	Comparative evolutionary genomics of medaka and three-spined sticklebackfabp2aandfabp2bgenes withfabp2of zebrafish. Genome, 2013, 56, 27-37.	2.0	8
10	Genomic organization and transcription of the medaka and zebrafish cellular retinol-binding protein (rbp) genes. Marine Genomics, 2013, 11, 1-10.	1.1	9
11	Tissue-specific transcriptional modulation of fatty acid-binding protein genes, fabp2, fabp3 and fabp6, by fatty acids and the peroxisome proliferator, clofibrate, in zebrafish (Danio rerio). Gene, 2013, 520, 14-21.	2.2	29
12	Duplicated crabp1 and crabp2 genes in medaka (Oryzias latipes): Gene structure, phylogenetic relationship and tissue-specific distribution of transcripts. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 165, 10-18.	1.6	7
13	Comparative genomics and evolutionary diversification of the duplicated fabp6a and fabp6b genes in medaka and three-spined stickleback. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2012, 7, 311-321.	1.0	7
14	Tissue-specific differential induction of duplicated fatty acid-binding protein genes by the peroxisome proliferator, clofibrate, in zebrafish (Danio rerio). BMC Evolutionary Biology, 2012, 12, 112.	3.2	32
15	The evolutionary relationship of the transcriptionally active fabp11a (intronless) and fabp11b genes of medaka with fabp11 genes of other teleost fishes. FEBS Journal, 2012, 279, 2310-2321.	4.7	25
16	The duplicated retinol-binding protein 7 (rbp7) genes are differentially transcribed in embryos and adult zebrafish (Danio rerio). Gene Expression Patterns, 2010, 10, 167-176.	0.8	6
17	Differential transcriptional modulation of duplicated fatty acid-binding protein genes by dietary fatty acids in zebrafish (Danio rerio): evidence for subfunctionalization or neofunctionalization of duplicated genes. BMC Evolutionary Biology, 2009, 9, 219.	3.2	33
18	Differential tissueâ€specific distribution of transcripts for the duplicated fatty acidâ€binding proteinâ€ƒ10 (fabp10) genes in embryos, larvae and adult zebrafish (Danioâ€ƒrerio). FEBS Journal, 2009, 276, 6787-6797.	4.7	32

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19	Tandem duplication of thefabp1bgene and subsequent divergence of the tissue-specific distribution offabp1b.1andfabp1b.2transcripts in zebrafish (Danio rerio). Genome, 2009, 52, 985-992.	2.0	13
20	The evolutionary relationship between the duplicated copies of the zebrafish fabp11 gene and the tetrapod FABP4, FABP5, FABP8 and FABP9 genes. FEBS Journal, 2008, 275, 3031-3040.	4.7	36
21	Spatioâ€temporal distribution of fatty acidâ€binding proteinâ€ƒ6 (fabp6) gene transcripts in the developing and adult zebrafish (Danioâ€ƒrerio). FEBS Journal, 2008, 275, 3325-3334.	4.7	29
22	The fabp4 gene of zebrafish (Danio rerio)â€ƒâ^'â€ƒgenomic homology with the mammalian FABP4 and divergence from the zebrafish fabp3 in developmental expression. FEBS Journal, 2007, 274, 1621-1633.	4.7	28
23	Hierarchical subfunctionalization of fabp1a, fabp1b and fabp10 tissue-specific expression may account for retention of these duplicated genes in the zebrafish (Danio rerio) genome. FEBS Journal, 2006, 273, 3216-3229.	4.7	51
24	Retention of the duplicated cellular retinoic acid-binding protein 1 genes (crabp1a and crabp1b) in the zebrafish genome by subfunctionalization of tissue-specific expression. FEBS Journal, 2005, 272, 3561-3571.	4.7	34
25	Differential expression of the duplicated cellular retinoic acid-binding protein 2 genes (crabp2a and) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	33
26	Mitochondrial DNA Variation, Species Limits, and Rapid Evolution of Plumage Coloration and Size in the Savannah Sparrow. Condor, 2005, 107, 21-28.	1.6	35
27	MITOCHONDRIAL DNA VARIATION, SPECIES LIMITS, AND RAPID EVOLUTION OF PLUMAGE COLORATION AND SIZE IN THE SAVANNAH SPARROW. Condor, 2005, 107, 21.	1.6	39
28	The Cellular Retinol-Binding Protein Genes Are Duplicated and Differentially Transcribed in the Developing and Adult Zebrafish (Danio rerio). Molecular Biology and Evolution, 2005, 22, 469-477.	8.9	18
29	Differential expression of duplicated genes for brain-type fatty acid-binding proteins (fabp7a and) Tj ETQq1 1 0.784314 rgBT /Overloc 2004, 4, 379-387.	0.8	40
30	Spatio-temporal distribution of cellular retinol-binding protein gene transcripts (CRBPI and CRBPII) in the developing and adult zebrafish (Danio rerio). FEBS Journal, 2004, 271, 339-348.	0.2	25
31	Sequence, linkage mapping and early developmental expression of the intestinal-type fatty acid-binding protein gene (fabp2) from zebrafish (Danio rerio). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 138, 391-398.	1.6	38
32	Physical mapping of the Nile tilapia (Oreochromis niloticus) genome by fluorescent in situ hybridization of repetitive DNAs to metaphase chromosomesâ€"a review. Aquaculture, 2004, 231, 37-49.	3.5	34
33	Structure, mRNA expression and linkage mapping of the brain-type fatty acid-binding protein gene (fabp7) from zebrafish (Danio rerio). FEBS Journal, 2003, 270, 715-725.	0.2	39
34	Structure, linkage mapping and expression of the heart-type fatty acid-binding protein gene (fabp3) from zebrafish (Danio rerio). FEBS Journal, 2003, 270, 3223-3234.	0.2	46
35	A cellular retinoic acid-binding protein from zebrafish (Danio rerio): cDNA sequence, phylogenetic analysis, mRNA expression, and gene linkage mapping. Gene, 2003, 311, 119-128.	2.2	21
36	Short interspersed repetitive elements (SINEs) from the cichlid fish, Oreochromis niloticus, and their chromosomal localization by fluorescent in situ hybridization. Caryologia, 2003, 56, 181-189.	0.3	13

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37	Molecular and cytogenetic analysis of the telomeric (TTAGGG) n repetitive sequences in the Nile tilapia, Oreochromis niloticus (Teleostei: Cichlidae). Chromosoma, 2002, 111, 45-52.	2.2	59
38	Cellular retinol-binding protein type II (CRBPII) in adult zebrafish (Danio rerio). FEBS Journal, 2002, 269, 4685-4692.	0.2	12
39	Chromosome Structure in Fishes. , 2002, , 103-108.		2
40	Molecular organization of 5S rDNA in fishes of the genusBrycon. Genome, 2001, 44, 893-902.	2.0	101
41	Molecular organization of 5S rDNA in fishes of the genus <i>Brycon</i>. Genome, 2001, 44, 893-902.	2.0	66
42	Nucleotide Sequence of 5s rDNA and Localization of the Ribosomal RNA Genes to Metaphase Chromosomes of the Tilapiine Cichlid Fish,Oreochromis Niloticus. Hereditas, 2000, 133, 39-46.	1.4	57
43	Nucleotide sequence of cDNA clones coding for a brain-type fatty acid binding protein and its tissue-specific expression in adult zebrafish (Danio rerio). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1492, 221-226.	2.4	26
44	cDNA sequence and tissue-specific expression of a basic liver-type fatty acid binding protein in adult zebrafish (Danio rerio). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1492, 227-232.	2.4	43
45	Nucleotide sequence of a cDNA clone coding for an intestinal-type fatty acid binding protein and its tissue-specific expression in zebrafish (Danio rerio). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1490, 175-183.	2.4	24
46	Geographic variation in multiple paternity within natural populations of the guppy (Poecilia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	2.6	107
47	Title is missing!. Euphytica, 1999, 105, 211-217.	1.2	7
48	Isolation of Complementary DNAs Coding for a Receptor for Activated C Kinase (RACK) from Zebrafish (Danio rerio) and Tilapia (Oreochromis niloticus): Constitutive Developmental and Tissue Expression. Marine Biotechnology, 1999, 1, 279-285.	2.4	6
49	A LINE2 repetitive DNA sequence from the cichlid fish, Oreochromis niloticus: sequence analysis and chromosomal distribution. Chromosoma, 1999, 108, 457-468.	2.2	39
50	Early growth performance of Atlantic salmon full-sib families reared in single family tanks versus in mixed family tanks. Aquaculture, 1999, 173, 105-116.	3.5	100
51	Molecular cytogenetic analysis of heterochromatin in the chromosomes of tilapia, Oreochromis niloticus (Teleostei: Cichlidae). , 1998, 6, 205-211.		56
52	Birth weight and neonatal survival of harbour seal pups are positively correlated with genetic variation measured by microsatellites. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 803-809.	2.6	266
53	Biogeographic Analysis of Pacific Trout (Oncorhynchus mykiss) in California and Mexico Based on Mitochondrial DNA and Nuclear Microsatellites. , 1997, , 53-73.		29
54	Differentiation of rainbow trout (Oncorhynchus mykiss) populations in Lake Ontario and the evaluation of the stepwise mutation and infinite allele mutation models using microsatellite variability. Canadian Journal of Fisheries and Aquatic Sciences, 1997, 54, 1391-1399.	1.4	89

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55	Microsatellite DNA in fishes. Reviews in Fish Biology and Fisheries, 1997, 7, 331-363.	4.9	284
56	DNA fingerprinting of bluegill sunfish (Lepomis macrochirus) using (GT)n microsatellites and its potential for assessment of mating success. Canadian Journal of Fisheries and Aquatic Sciences, 1996, 53, 342-349.	1.4	58
57	Microsatellites from rainbow trout (Oncorhynchus mykiss) and their use for genetic study of salmonids. Canadian Journal of Fisheries and Aquatic Sciences, 1996, 53, 120-126.	1.4	165
58	Microsatellites: genetic markers for the future. , 1995, , 117-121.		22
59	DNA fingerprint based analysis of paternal and maternal effects on offspring growth and survival in communally reared rainbow trout. Aquaculture, 1995, 137, 245-256.	3.5	143
60	Polymorphic microsatellite loci from Atlantic salmon (Salmo salar): genetic differentiation of North American and European populations. Canadian Journal of Fisheries and Aquatic Sciences, 1995, 52, 1863-1872.	1.4	182
61	Nucleotide sequence and genomic organization of cichlid fish minisatellites. Genome, 1995, 38, 177-184.	2.0	17
62	CanSINEs: a family of tRNA-derived retroposons specific to the superfamily Canoidea. Nucleic Acids Research, 1994, 22, 2726-2730.	14.5	57
63	Microsatellites: genetic markers for the future. Reviews in Fish Biology and Fisheries, 1994, 4, 384-388.	4.9	186
64	The Utility of SATA Satellite DNA Sequences for Inferring Phylogenetic Relationships among the Three Major Genera of Tilapiine Cichlid Fishes. Molecular Phylogenetics and Evolution, 1994, 3, 10-16.	2.7	31
65	Organization of Microsatellites Differs between Mammals and Cold-water Teleost Fishes. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 1959-1966.	1.4	181
66	Primary structure of the speC gene encoding biosynthetic ornithine decarboxylase in Escherichia coli. Gene, 1994, 151, 157-160.	2.2	10
67	Mutation at VNTRs: Are minisatellites the evolutionary progeny of microsatellites?. Genome, 1994, 37, 345-347.	2.0	31
68	DNA fingerprinting of red clover (Trifolium pratense L.) with Jeffrey's probes: detection of somaclonal variation and other applications. Plant Cell Reports, 1993, 13, 72-78.	5.6	13
69	Conservation of a satellite DNA sequence (SATB) in the tilapiine and haplochromine genome (Pisces:) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	26
70	Nucleotide sequence and evolutionary conservation of a minisatellite variable number tandem repeat cloned from Atlantic salmon, Salmo salar. Genome, 1993, 36, 271-277.	2.0	39
71	Chromosomal proteins of Physarum polycephalum with preferential affinity for the sequence, poly d(A-T). poly d(A-T). Molecular Biology Reports, 1992, 16, 105-115.	2.3	0
72	DNA fingerprinting of tilapia, Oreochromis niloticus, and its application to aquaculture genetics. Aquaculture, 1991, 92, 157-163.	3.5	78

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73	DNA fingerprinting of harbour seals (Phoca vitulina concolor): male mating behaviour may not be a reliable indicator of reproductive success. Canadian Journal of Zoology, 1991, 69, 1862-1866.	1.0	19
74	Immunologically-related nucleic acid-binding proteins associated with the nuclear matrix of Physarum polycephalum. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1088, 25-30.	2.4	4
75	A satellite DNA family from pollock (Pollachius virens). Gene, 1990, 87, 279-283.	2.2	35
76	Nucleotide sequence, genomic organization and evolution of a major repetitive DNA family in tilapia(Oreochromis mossambicuslhomorum). Nucleic Acids Research, 1989, 17, 5071-5081.	14.5	48
77	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. Biochemistry, 1988, 27, 576-581.	2.5	55
78	Use of protein blotting to study the DNA-binding properties of histone H1 and H1 variants. FEBS Journal, 1987, 168, 281-285.	0.2	11
79	Expression of the cloned genes encoding the putrescine biosynthetic enzymes and methionine adenosyltransferase of Escherichia coli (speA, speB, speC and metK). Gene, 1984, 30, 129-136.	2.2	79
80	Negative control of orinithine decarboxylase and arginine decarboxylase by adenosine-3â€²:5â€²-Cyclic monophosphate in Escherichia coli. Molecular Genetics and Genomics, 1982, 186, 482-487.	2.4	32