

Ruijia Wang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,428
citations

201385

27
h-index

301761

39
g-index

49
all docs

49
docs citations

49
times ranked

2826
citing authors

#	ARTICLE	IF	CITATIONS
1	Scallop genome provides insights into evolution of bilaterian karyotype and development. <i>Nature Ecology and Evolution</i> , 2017, 1, 120.	3.4	353
2	The channel catfish genome sequence provides insights into the evolution of scale formation in teleosts. <i>Nature Communications</i> , 2016, 7, 11757.	5.8	231
3	RNA-seq analysis of mucosal immune responses reveals signatures of intestinal barrier disruption and pathogen entry following <i>Edwardsiella ictaluri</i> infection in channel catfish, <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2012, 32, 816-827.	1.6	210
4	PolyA_DB 3 catalogs cleavage and polyadenylation sites identified by deep sequencing in multiple genomes. <i>Nucleic Acids Research</i> , 2018, 46, D315-D319.	6.5	172
5	A genome-wide association study in catfish reveals the presence of functional hubs of related genes within QTLs for columnaris disease resistance. <i>BMC Genomics</i> , 2015, 16, 196.	1.2	117
6	Cellular stress alters 3'UTR landscape through alternative polyadenylation and isoform-specific degradation. <i>Nature Communications</i> , 2018, 9, 2268.	5.8	104
7	Evasion of mucosal defenses during <i>Aeromonas hydrophila</i> infection of channel catfish (<i>Ictalurus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	95
8	Construction of a high-density, high-resolution genetic map and its integration with BAC-based physical map in channel catfish. <i>DNA Research</i> , 2015, 22, 39-52.	1.5	89
9	A compendium of conserved cleavage and polyadenylation events in mammalian genes. <i>Genome Research</i> , 2018, 28, 1427-1441.	2.4	81
10	Bulk segregant RNA-seq reveals expression and positional candidate genes and allele-specific expression for disease resistance against enteric septicemia of catfish. <i>BMC Genomics</i> , 2013, 14, 929.	1.2	79
11	Regulation of Intronic Polyadenylation by PCF11 Impacts mRNA Expression of Long Genes. <i>Cell Reports</i> , 2019, 26, 2766-2778.e6.	2.9	77
12	Sea cucumber genome provides insights into saponin biosynthesis and aestivation regulation. <i>Cell Discovery</i> , 2018, 4, 29.	3.1	71
13	A Genome-Wide Association Study Identifies Multiple Regions Associated with Head Size in Catfish. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3389-3398.	0.8	70
14	Identification and Analysis of Genome-Wide SNPs Provide Insight into Signatures of Selection and Domestication in Channel Catfish (<i>Ictalurus punctatus</i>). <i>PLoS ONE</i> , 2014, 9, e109666.	1.1	55
15	Construction of a High-Density Genetic Map and Quantitative Trait Locus Mapping in the Sea Cucumber <i>Apostichopus japonicus</i> . <i>Scientific Reports</i> , 2015, 5, 14852.	1.6	48
16	APalyzer: a bioinformatics package for analysis of alternative polyadenylation isoforms. <i>Bioinformatics</i> , 2020, 36, 3907-3909.	1.8	44
17	Characterizations and expression analyses of NF- κ B and Rel genes in the Yesso scallop (<i>Patinopecten</i>) Tj ETQq1 1 0.784314 rgBT /Overl <i>Shellfish Immunology</i> , 2015, 44, 611-621.	1.6	43
18	Genome-wide identification and characterization of five MyD88 duplication genes in Yesso scallop (<i>Patinopecten yessoensis</i>) and expression changes in response to bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2015, 46, 181-191.	1.6	42

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19	Four lysozymes (one c-type and three g-type) in catfish are drastically but differentially induced after bacterial infection. <i>Fish and Shellfish Immunology</i> , 2013, 35, 136-145.	1.6	40
20	Expression of nitric oxide synthase (NOS) genes in channel catfish is highly regulated and time dependent after bacterial challenges. <i>Developmental and Comparative Immunology</i> , 2014, 45, 74-86.	1.0	40
21	Genome-wide identification and characterization of TRAF genes in the Yesso scallop (<i>Patinopecten</i>) Tj ETQq1 1 0.784314 rgBT /Overl Shellfish Immunology, 2015, 47, 545-555.	1.6	34
22	The mRNA Export Receptor NXF1 Coordinates Transcriptional Dynamics, Alternative Polyadenylation, and mRNA Export. <i>Molecular Cell</i> , 2019, 74, 118-131.e7.	4.5	34
23	The genome-wide identification of mitogen-activated protein kinase kinase (MKK) genes in Yesso scallop <i>Patinopecten yessoensis</i> and their expression responses to bacteria challenges. <i>Fish and Shellfish Immunology</i> , 2015, 45, 901-911.	1.6	32
24	Rapid development of molecular resources for a freshwater mussel, <i>Villosa lianosa</i> (Bivalvia:Unionidae), using an RNA-seq-based approach. <i>Freshwater Science</i> , 2012, 31, 695-708.	0.9	31
25	Pathogen recognition receptors in channel catfish: IV. Identification, phylogeny and expression analysis of peptidoglycan recognition proteins. <i>Developmental and Comparative Immunology</i> , 2014, 46, 291-299.	1.0	31
26	Analysis of 52 Rab GTPases from channel catfish and their involvement in immune responses after bacterial infections. <i>Developmental and Comparative Immunology</i> , 2014, 45, 21-34.	1.0	30
27	The cytochrome P450 genes of channel catfish: Their involvement in disease defense responses as revealed by meta-analysis of RNA-Seq data sets. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2813-2828.	1.1	30
28	Long Non-Coding RNAs (lncRNAs) of Sea Cucumber: Large-Scale Prediction, Expression Profiling, Non-Coding Network Construction, and lncRNA-microRNA-Gene Interaction Analysis of lncRNAs in <i>Apostichopus japonicus</i> and <i>Holothuria glaberrima</i> During LPS Challenge and Radial Organ Complex Regeneration. <i>Marine Biotechnology</i> , 2016, 18, 485-499.	1.1	30
29	Genome-wide identification, characterization and expression analyses of two TNFRs in Yesso scallop (<i>Patinopecten yessoensis</i>) provide insight into the disparity of responses to bacterial infections and heat stress in bivalves. <i>Fish and Shellfish Immunology</i> , 2016, 52, 44-56.	1.6	21
30	Identification, characterization and expression profiling of the <i>Tollip</i> gene in Yesso scallop (<i>Patinopecten yessoensis</i>). <i>Genes and Genetic Systems</i> , 2015, 90, 99-108.	0.2	18
31	Channel catfish hemoglobin genes: Identification, phylogenetic and syntenic analysis, and specific induction in response to heat stress. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2014, 9, 11-22.	0.4	12
32	MAAPER: model-based analysis of alternative polyadenylation using 3' end-linked reads. <i>Genome Biology</i> , 2021, 22, 222.	3.8	12
33	Alternative polyadenylation dysregulation contributes to the differentiation block of acute myeloid leukemia. <i>Blood</i> , 2022, 139, 424-438.	0.6	11
34	HD-Marker: a highly multiplexed and flexible approach for targeted genotyping of more than 10,000 genes in a single-tube assay. <i>Genome Research</i> , 2018, 28, 1919-1930.	2.4	9
35	The Rho GTPase Family Genes in Bivalvia Genomes: Sequence, Evolution and Expression Analysis. <i>PLoS ONE</i> , 2015, 10, e0143932.	1.1	8
36	Molecular characterization, phylogenetic analysis and expression profiling of myoglobin and cytoglobin genes in response to heat stress in channel catfish <i>Ictalurus punctatus</i> . <i>Journal of Fish Biology</i> , 2015, 86, 592-604.	0.7	6

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37	Ribosomal protein genes are highly enriched among genes with allele-specific expression in the interspecific F1 hybrid catfish. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1083-1093.	1.0	5
38	FIP1L1 Regulates Alternative Polyadenylation of Leukemia-Associated Genes in Acute Myeloid Leukemia. <i>Blood</i> , 2018, 132, 3882-3882.	0.6	3
39	Modulation of alternative cleavage and polyadenylation events by dCas9-mediated CRISPRpas. <i>Methods in Enzymology</i> , 2021, 655, 459-482.	0.4	2
40	Targeted Profiling of Rodent Unconjugated Bile Acids by GCâ€MS to Reveal the Influence of Highâ€Fat Diet. <i>Biomedical Chromatography</i> , 0, , .	0.8	1