Baofeng Su

List of Publications by Year
in descending order

55 papers	1,068 citations	394286 19 h-index	454834 30 g-index
55 all docs	55 docs citations	55 times ranked	887 citing authors

#	Article	IF	Citations
1	Transcriptomic profiling revealed the signatures of intestinal barrier alteration and pathogen entry in turbot (Scophthalmus maximus) following Vibrio anguillarum challenge. Developmental and Comparative Immunology, 2016, 65, 159-168.	1.0	90
2	Editing of the Luteinizing Hormone Gene to Sterilize Channel Catfish, Ictalurus punctatus, Using a Modified Zinc Finger Nuclease Technology with Electroporation. Marine Biotechnology, 2016, 18, 255-263.	1.1	56
3	Identification and expression analysis of TLR2 in mucosal tissues of turbot (Scophthalmus maximus L.) following bacterial challenge. Fish and Shellfish Immunology, 2016, 55, 654-661.	1.6	45
4	Identification and expression analysis of toll-like receptor genes (TLR8 and TLR9) in mucosal tissues of turbot (Scophthalmus maximus L.) following bacterial challenge. Fish and Shellfish Immunology, 2016, 58, 309-317.	1.6	43
5	Early mucosal responses in blue catfish (Ictalurus furcatus) skin to Aeromonas hydrophila infection. Fish and Shellfish Immunology, 2013, 34, 920-928.	1.6	41
6	The mucosal expression signatures of g-type lysozyme in turbot (Scophthalmus maximus) following bacterial challenge. Fish and Shellfish Immunology, 2016, 54, 612-619.	1.6	41
7	Characterization and expression profiling of NOD-like receptor C3 (NLRC3) in mucosal tissues of turbot (Scophthalmus maximus L.) following bacterial challenge. Fish and Shellfish Immunology, 2017, 66, 231-239.	1.6	40
8	Characterization and expression analysis of a peptidoglycan recognition protein gene, SmPGRP2 in mucosal tissues of turbot (Scophthalmus maximus L.) following bacterial challenge. Fish and Shellfish Immunology, 2016, 56, 367-373.	1.6	36
9	Transcriptome Display During Testicular Differentiation of Channel Catfish (Ictalurus punctatus) as Revealed by RNA-Seq Analysis. Biology of Reproduction, 2016, 95, 19-19.	1.2	35
10	Sex-ratio-biasing constructs for the control of invasive lower vertebrates. Nature Biotechnology, 2014, 32, 424-427.	9.4	34
11	Identification, characterization and expression analysis of TLR5 in the mucosal tissues of turbot (Scophthalmus maximus L.) following bacterial challenge. Fish and Shellfish Immunology, 2017, 68, 272-279.	1.6	32
12	Galectins in channel catfish, Ictalurus punctatus: Characterization and expression profiling in mucosal tissues. Fish and Shellfish Immunology, 2016, 49, 324-335.	1.6	29
13	Relative effectiveness of carp pituitary extract, luteininzing hormone releasing hormone analog (LHRHa) injections and LHRHa implants for producing hybrid catfish fry. Aquaculture, 2013, 372-375, 133-136.	1.7	28
14	Genome-wide characterization of Toll-like receptors in black rockfish Sebastes schlegelii: Evolution and response mechanisms following Edwardsiella tarda infection. International Journal of Biological Macromolecules, 2020, 164, 949-962.	3.6	28
15	Expression profiling analysis of immune-related genes in channel catfish (Ictalurus punctatus) skin mucus following Flavobacterium columnare challenge. Fish and Shellfish Immunology, 2015, 46, 537-542.	1.6	27
16	The expression signatures of neuronal nitric oxide synthase (NOS1) in turbot (Scophthalmus maximus) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	26
17	Interaction of diet and the masou salmon Î”5-desaturase transgene on Î”6-desaturase and stearoyl-CoA desaturase gene expression and N-3 fatty acid level in common carp (Cyprinus carpio). Transgenic Research, 2014, 23, 729-742.	1.3	23
18	Identification and mucosal expression analysis of cathepsin B in channel catfish (Ictalurus punctatus) following bacterial challenge. Fish and Shellfish Immunology, 2015, 47, 751-757.	1.6	23

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19	Characterization of the immune roles of cathepsin L in turbot (Scophthalmus maximus L.) mucosal immunity. Fish and Shellfish Immunology, 2020, 97, 322-335.	1.6	22
20	Expression and knockdown of primordial germ cell genes, vasa, nanos and dead end in common carp (Cyprinus carpio) embryos for transgenic sterilization and reduced sexual maturity. Aquaculture, 2014, 420-421, S72-S84.	1.7	21
21	Mucosal expression signatures of two Cathepsin L in channel catfish (Ictalurus punctatus) following bacterial challenge. Fish and Shellfish Immunology, 2015, 47, 582-589.	1.6	19
22	Genotypeâ€“environment interactions for survival at low and sub-zero temperatures at varying salinity for channel catfish, hybrid catfish and transgenic channel catfish. Aquaculture, 2016, 458, 140-148.	1.7	19
23	Characterization and expression analysis of chitinase genes (CHIT1, CHIT2 and CHIT3) in turbot (Scophthalmus maximus L.) following bacterial challenge. Fish and Shellfish Immunology, 2017, 64, 357-366.	1.6	19
24	Identification and expression analysis of fetuin B (FETUB) in turbot (Scophthalmus maximus L.) mucosal barriers following bacterial challenge. Fish and Shellfish Immunology, 2017, 68, 386-394.	1.6	19
25	Integrated Analysis of circRNA-miRNA-mRNA Regulatory Networks in the Intestine of Sebastes schlegelii Following Edwardsiella tarda Challenge. Frontiers in Immunology, 2020, 11, 618687.	2.2	19
26	Expression profile analysis of two cathepsin S in channel catfish (Ictalurus punctatus) mucosal tissues following bacterial challenge. Fish and Shellfish Immunology, 2016, 48, 112-118.	1.6	18
27	The involvement of cathepsin F gene (CTSF) in turbot (Scophthalmus maximus L.) mucosal immunity. Fish and Shellfish Immunology, 2017, 66, 270-279.	1.6	18
28	Suppression and restoration of primordial germ cell marker gene expression in channel catfish, Ictalurus punctatus, using knockdown constructs regulated by copper transport protein gene promoters: Potential for reversible transgenic sterilization. Theriogenology, 2015, 84, 1499-1512.	0.9	17
29	Xenogenesisâ€Production of Channel Catfish Ã— Blue Catfish Hybrid Progeny by Fertilization of Channel Catfish Eggs with Sperm from Triploid Channel Catfish Males with Transplanted Blue Catfish Germ Cells. North American Journal of Aquaculture, 2017, 79, 61-74.	0.7	17
30	Expression profiling and microbial ligand binding analysis of high-mobility group box-1 (HMGB1) in turbot (Scophthalmus maximus L.). Fish and Shellfish Immunology, 2018, 78, 100-108.	1.6	15
31	l -rhamnose-binding lectins (RBLs) in turbot (Scophthalmus maximus L.): Characterization and expression profiling in mucosal tissues. Fish and Shellfish Immunology, 2018, 80, 264-273.	1.6	15
32	Identification of Antimicrobial Peptide Genes in Black Rockfish Sebastes schlegelii and Their Responsive Mechanisms to Edwardsiella tarda Infection. Biology, 2021, 10, 1015.	1.3	14
33	Effect of Sodium Chloride on Hatching Rate on Channel Catfish,<i>Ictalurus punctatus</i>, Embryos. Journal of Applied Aquaculture, 2013, 25, 283-292.	0.7	13
34	Genomeâ€wide identification of catfish antimicrobial peptides: A new perspective to enhance fish disease resistance. Reviews in Aquaculture, 2022, 14, 2002-2022.	4.6	13
35	Characterization of toll-like receptor 1 (TLR1) in turbot (Scophthalmus maximus L.). Fish and Shellfish Immunology, 2021, 115, 27-34.	1.6	11
36	Genome-wide identification, characterization, and expression of the Toll-like receptors in Japanese flounder (Paralichthys olivaceus). Aquaculture, 2021, 545, 737127.	1.7	11

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37	Genome-wide identification of NOD-like receptors and their expression profiling in mucosal tissues of turbot (Scophthalmus maximus L.) upon bacteria challenge. Molecular Immunology, 2021, 134, 48-61.	1.0	10
38	Repressible Transgenic Sterilization in Channel Catfish, Ictalurus punctatus, by Knockdown of Primordial Germ Cell Genes with Copper-Sensitive Constructs. Marine Biotechnology, 2018, 20, 324-342.	1.1	9
39	Effects of Cecropin Transgenesis and Interspecific Hybridization on the Resistance to <i>Ichthyophthirius multifiliis</i> in Channel Catfish and Female Channel Catfish Ã— Male Blue Catfish Hybrids. North American Journal of Aquaculture, 2019, 81, 242-252.	0.7	9
40	Characterization of class B scavenger receptor type 1 (SRB1) in turbot (Scophthalmus maximus L.). Fish and Shellfish Immunology, 2020, 100, 358-367.	1.6	9
41	Salt Sensitive Tet-Off-Like Systems to Knockdown Primordial Germ Cell Genes for Repressible Transgenic Sterilization in Channel Catfish, Ictalurus punctatus. Marine Drugs, 2017, 15, 155.	2.2	8
42	Chromosome-level assembly and annotation of the blue catfish<i>Ictalurus furcatus</i>, an aquaculture species for hybrid catfish reproduction, epigenetics, and heterosis studies. GigaScience, 2022, 11, .	3.3	8
43	Gene Editing of the Catfish Gonadotropin-Releasing Hormone Gene and Hormone Therapy to Control the Reproduction in Channel Catfish, Ictalurus punctatus. Biology, 2022, 11, 649.	1.3	7
44	Effects of transgenic sterilization constructs and their repressor compounds on hatch, developmental rate and early survival of electroporated channel catfish embryos and fry. Transgenic Research, 2015, 24, 333-352.	1.3	5
45	Characterization and initial functional analysis of cathepsin K in turbot (Scophthalmus maximus L.). Fish and Shellfish Immunology, 2019, 93, 153-160.	1.6	5
46	Deep Transcriptomic Analysis Reveals the Dynamic Developmental Progression during Early Development of Channel Catfish (Ictalurus punctatus). International Journal of Molecular Sciences, 2020, 21, 5535.	1.8	4
47	Environment-Dependent Heterosis and Transgressive Gene Expression in Reciprocal Hybrids between the Channel Catfish Ictalurus punctatus and the Blue Catfish Ictalurus furcatus. Biology, 2022, 11, 117.	1.3	4
48	Effects of multiple handstrippings of channel catfish <i>(Ictalurus punctatus</i>) females induced to ovulate with carp pituitary extract on production of channel catfish female x blue catfish (<i>I.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29	0.7	3
49	Genetically Engineered Fish: Potential Impacts on Aquaculture, Biodiversity, and the Environment. Topics in Biodiversity and Conservation, 2020, , 241-275.	0.3	3
50	Characterization and the potential immune role of class A scavenger receptor member 4 (SCARA4) in bacterial infection in turbot (Scophthalmus maximus L.). Fish and Shellfish Immunology, 2022, 120, 590-598.	1.6	2
51	The relationship between channel catfish female body weight and relative fecundity and fry production when induced to ovulate with carp pituitary extract and fertilized with blue catfish sperm. Journal of Applied Aquaculture, 2016, 28, 260-266.	0.7	1
52	Effects of carp pituitary extract dosage on production of channel catfish,Ictalurus punctatus, female X blue catfish,I. furcatus, male hybrid fry. Journal of Applied Aquaculture, 2016, 28, 235-251.	0.7	1
53	In vitro digestion of luteinizing hormone releasing hormone analog (LHRHa) using simulated gastric conditions in assessing human food safety. Food Chemistry, 2016, 192, 409-414.	4.2	1
54	Comparative Transcriptome Analysis During the Seven Developmental Stages of Channel Catfish (Ictalurus punctatus) and Tra Catfish (Pangasianodon hypophthalmus) Provides Novel Insights for Terrestrial Adaptation. Frontiers in Genetics, 2020, 11, 608325.	1.1	1

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55	Molecular characterization and expression analysis of the transferrin gene in Amur ide (<i>Leuciscus) Tj ETQq1 1 0.784314 rgBT /Overlo	0.4	1