

# Qingchao Wang

## List of Publications by Year in descending order

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38  
papers

897  
citations

471477

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477281

29  
g-index

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38  
docs citations

38  
times ranked

741  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Immunoglobulins, Mucosal Immunity and Vaccination in Teleost Fish. <i>Frontiers in Immunology</i> , 2020, 11, 567941.  | 4.8 | 115       |
| 2  | Current use and development of fish vaccines in China. <i>Fish and Shellfish Immunology</i> , 2020, 96, 223-234.   | 3.6 | 83        |
| 3  | Hydroxyproline supplementation on the performances of high plant protein source based diets in turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture</i> , 2014, 433, 476-480.  | 3.5 | 60        |
| 4  | Fishmeal replacement by mixed plant proteins and maggot meal on growth performance, target of rapamycin signalling and metabolism in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , 2016, 22, 752-758.  | 2.7 | 59        |
| 5  | The predominant role of mucosal immunoglobulin IgT in the gills of rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 654-662.   | 3.6 | 46        |
| 6  | Immune responses of fish to Ichthyophthirius multifiliis (Ich): A model for understanding immunity against protozoan parasites. <i>Developmental and Comparative Immunology</i> , 2019, 93, 93-102.  | 2.3 | 42        |
| 7  | Dietary Glycyrrhiza uralensis extracts supplementation elevated growth performance, immune responses and disease resistance against Flavobacterium columnare in yellow catfish ( <i>Pelteobagrus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock  | 3.6 | 41        |
| 8  | Fat deposition pattern and mechanism in response to dietary lipid levels in grass carp, <i>Ctenopharyngodon idellus</i> . <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1557-1569.   | 2.3 | 38        |
| 9  | Effect of fish meal replacement by plant protein blend on amino acid concentration, transportation and metabolism in juvenile turbot ( <i>Scophthalmus maximus</i> L.). <i>Aquaculture Nutrition</i> , 2017, 23, 1169-1178.  | 2.7 | 38        |
| 10 | Dietary sulfur amino acid modulations of taurine biosynthesis in juvenile turbot ( <i>Psetta maxima</i> ). <i>Aquaculture</i> , 2014, 422-423, 141-145.  | 3.5 | 37        |
| 11 | Polymeric immunoglobulin receptor in dojo loach ( <i>Misgurnus anguillicaudatus</i> ): Molecular characterization and expression analysis in response to bacterial and parasitic challenge. <i>Fish and Shellfish Immunology</i> , 2018, 73, 175-184.  | 3.6 | 35        |
| 12 | Arginine metabolism and its functions in growth, nutrient utilization, and immunonutrition of fish. <i>Animal Nutrition</i> , 2021, 7, 716-727.  | 5.1 | 31        |
| 13 | Viral-Infected Change of the Digestive Tract Microbiota Associated With Mucosal Immunity in Teleost Fish. <i>Frontiers in Immunology</i> , 2019, 10, 2878.   | 4.8 | 28        |
| 14 | Chronic rapamycin treatment on the nutrient utilization and metabolism of juvenile turbot ( <i>Psetta</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50   | 3.3 | 20        |
| 15 | l-arginine inhibited apoptosis of fish leukocytes via regulation of NF- $\kappa$ B-mediated inflammation, NO synthesis, and anti-oxidant capacity. <i>Biochimie</i> , 2019, 158, 62-72.  | 2.6 | 20        |
| 16 | IgM and IgD heavy chains of yellow catfish ( <i>Pelteobagrus fulvidraco</i> ): Molecular cloning, characterization and expression analysis in response to bacterial infection. <i>Fish and Shellfish Immunology</i> , 2019, 84, 233-243.   | 3.6 | 19        |
| 17 | Modulation of lipid metabolism, immune parameters, and hepatic transferrin expression in juvenile turbot ( <i>Scophthalmus maximus</i> L.) by increasing dietary linseed oil levels. <i>Aquaculture</i> , 2016, 464, 489-496.  | 3.5 | 18        |
| 18 | Molecular characterization and expression analysis of interleukin 15 (IL15) and interleukin-15 receptor subunit alpha (IL15R $\alpha$ ) in dojo loach ( <i>Misgurnus anguillicaudatus</i> ): Their salient roles during bacterial, parasitic and fungal infection. <i>Molecular Immunology</i> , 2018, 103, 293-305. | 2.2 | 18        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Nutrient sensing signaling functions as the sensor and regulator of immunometabolic changes in grass carp during <i>Flavobacterium columnare</i> infection. <i>Fish and Shellfish Immunology</i> , 2019, 93, 278-287.  | 3.6 | 16        |
| 20 | Nutrient sensing signaling integrates nutrient metabolism and intestinal immunity in grass carp, <i>Ctenopharyngodon idellus</i> after prolonged starvation. <i>Fish and Shellfish Immunology</i> , 2017, 71, 50-57.   | 3.6 | 15        |
| 21 | Dietary supplements of guanosine improve the growth, non-specific immunity of sea cucumber, <i>Apostichopus japonicus</i> Selenka, and its resistance against <i>Vibrio splendidus</i> . <i>Aquaculture Nutrition</i> , 2018, 24, 571-578.   | 2.7 | 14        |
| 22 | IgT Plays a Predominant Role in the Antibacterial Immunity of Rainbow Trout Olfactory Organs. <i>Frontiers in Immunology</i> , 2020, 11, 583740.   | 4.8 | 14        |
| 23 | Effects of dietary carbohydrate to lipid ratio on growth, feed utilization, body composition and digestive enzyme activities of golden pompano ( <i>Trachinotus ovatus</i> ). <i>Aquaculture Nutrition</i> , 2018, 24, 341-347.  | 2.7 | 12        |
| 24 | A Comparative Review of Pyroptosis in Mammals and Fish. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 2323-2331.  | 3.5 | 12        |
| 25 | Glutamine protects against LPS-induced inflammation via adjusted NODs signaling and enhanced immunoglobulins secretion in rainbow trout leukocytes. <i>Developmental and Comparative Immunology</i> , 2019, 98, 148-156.   | 2.3 | 10        |
| 26 | Identification of differentially expressed genes associated with differential body size in mandarin fish ( <i>Siniperca chuatsi</i> ). <i>Genetica</i> , 2016, 144, 445-455.   | 1.1 | 9         |
| 27 | Major histocompatibility complex class IIA and IIB genes of loach ( <i>Misgurnus anguillicaudatus</i> ): Molecular cloning and expression analysis in response to bacterial and parasitic challenge. <i>Aquaculture</i> , 2019, 500, 359-369.                                      | 3.5 | 9         |
| 28 | Molecular characterization and expression analysis of T cell receptor (TCR) $\beta^3$ and $\beta^*$ genes in dojo loach ( <i>Misgurnus anguillicaudatus</i> ) in response to bacterial, parasitic and fungal challenge. <i>Fish and Shellfish Immunology</i> , 2019, 86, 641-652.  | 3.6 | 8         |
| 29 | Modulation of appetite, lipid and glucose metabolism of juvenile grass carp ( <i>Ctenopharyngodon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2.3 6   | 2.3 | 6         |
| 30 | Polysaccharides in <i>Sipunculus nudus</i> : Extraction condition optimization and antioxidant activities. <i>Journal of Ocean University of China</i> , 2017, 16, 74-80.  | 1.2 | 4         |
| 31 | Dietary Glutamine Inclusion Regulates Immune and Antioxidant System, as Well as Programmed Cell Death in Fish to Protect against <i>Flavobacterium columnare</i> Infection. <i>Antioxidants</i> , 2022, 11, 44.  | 5.1 | 4         |
| 32 | Molecular characteristics, polymorphism and expression analysis of mhc $\alpha_{1j}$ in yellow catfish ( <i>Pelteobagrus fulvidraco</i> ) responding to <i>Flavobacterium columnare</i> infection. <i>Fish and Shellfish Immunology</i> , 2022, 125, 90-100.                       | 3.6 | 4         |
| 33 | Optimal dietary protein to energy ratio for juvenile peanut worm <i>Sipunculus nudus</i> Linnaeus. <i>Fisheries Science</i> , 2015, 81, 713-722.   | 1.6 | 3         |
| 34 | Dietary <i>Acanthopanax senticosus</i> extracts modulated the inflammatory and apoptotic responses of yellow catfish to protect against <i>Edwardsiella ictaluri</i> infection. <i>Aquaculture Research</i> , 2021, 52, 5078-5092.   | 1.8 | 3         |
| 35 | Molecular characterization and expression profiles of six genes involved in vitellogenic deposition and hydrolysis of Chinese sturgeon ( <i>Acipenser sinensis</i> ) suggesting their transcriptional regulation on ovarian development. <i>Theriogenology</i> , 2021, 162, 59-66. | 2.1 | 2         |
| 36 | The Programming of Antioxidant Capacity, Immunity, and Lipid Metabolism in Dojo Loach ( <i>Misgurnus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T Hatching. <i>Frontiers in Physiology</i> , 2021, 12, 768907.   | 2.8 | 2         |

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|----|--|-----|-----------|
| 37 | Circadian Clock Gene of Grass Carp ( <i>Ctenopharyngodon idellus</i> ): Genomic Structure and Tissue Expression Pattern of Period1 Gene. <i>Current Bioinformatics</i> , 2017, 12, .                           | 1.5 | 1         |
| 38 | Effects of glycyrrhizic acid on hatchability, growth, and physiological responses of farmed dojo loach ( <i>Misgurnus anguillicaudatus</i> ) during early life stages. <i>Aquaculture</i> , 2022, 557, 738323. | 3.5 | 0         |