Xiaohui Ai

List of Publications by Year in descending order

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42 papers	451 citations	840776 11 h-index	888059 17 g-index
45 all docs	45 docs citations	45 times ranked	316 citing authors

#	Article	IF	Citations
1	Magnolol protects channel catfish from Aeromonas hydrophila infection via inhibiting the expression of aerolysin. Veterinary Microbiology, 2017, 211, 119-123.	1.9	31
2	Development of a liquid chromatographyâ€“tandem mass spectrometry method with modified QuEChERS extraction for the quantification of mebendazole and its metabolites, albendazole and its metabolites, and levamisole in edible tissues of aquatic animals. Food Chemistry, 2018, 269, 442-449.	8.2	26
3	Effects of acute deltamethrin exposure on kidney transcriptome and intestinal microbiota in goldfish (Carassius auratus). Ecotoxicology and Environmental Safety, 2021, 225, 112716.	6.0	23
4	Characterization of IL-22 Bioactivity and IL-22-Positive Cells in Grass Carp Ctenopharyngodon idella. Frontiers in Immunology, 2020, 11, 586889.	4.8	22
5	Thymol Protects Channel Catfish from Aeromonas hydrophila Infection by Inhibiting Aerolysin Expression and Biofilm Formation. Microorganisms, 2020, 8, 636.	3.6	22
6	Morin Protects Channel Catfish From Aeromonas hydrophila Infection by Blocking Aerolysin Activity. Frontiers in Microbiology, 2018, 9, 2828.	3.5	21
7	Tissue residue depletion kinetics and withdrawal time estimation of doxycycline in grass carp, Ctenopharyngodon idella, following multiple oral administrations. Food and Chemical Toxicology, 2019, 131, 110592.	3.6	20
8	Determination of Niclosamide in Aquatic Animal Tissue by a Novel Extraction Procedure and High-Performance Liquid Chromatographyâ€“Heated Electrospray Ionization-Tandem Mass Spectrometry. Analytical Letters, 2015, 48, 929-943.	1.8	19
9	Molecular Characterization, Phylogenetic, Expression, and Protective Immunity Analysis of OmpF, a Promising Candidate Immunogen Against Yersinia ruckeri Infection in Channel Catfish. Frontiers in Immunology, 2018, 9, 2003.	4.8	17
10	TcpA, a novel Yersinia ruckeri TIR-containing virulent protein mediates immune evasion by targeting MyD88 adaptors. Fish and Shellfish Immunology, 2019, 94, 58-65.	3.6	13
11	Anthelmintic efficacy of 35 herbal medicines against a monogenean parasite, Gyrodactylus kobayashii, infecting goldfish (Carassius auratus). Aquaculture, 2020, 521, 734992.	3.5	12
12	Temperature-Dependent Residue Depletion Regularities of Tiamulin in Nile Tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.2	12
13	Luteolin decreases the pathogenicity of Aeromonas hydrophila via inhibiting the activity of aerolysin. Virulence, 2021, 12, 165-176.	4.4	12
14	In vitrosynergistic effects of fisetin and norfloxacin against aquatic isolates ofSerratia marcescens. FEMS Microbiology Letters, 2016, 363, fnv220.	1.8	11
15	The Pharmacokinetics of Doxycycline in Channel Catfish (Ictalurus punctatus) Following Intravenous and Oral Administrations. Frontiers in Veterinary Science, 2020, 7, 577234.	2.2	11
16	Determination of Pharmacokinetic and Pharmacokinetic-Pharmacodynamic Parameters of Doxycycline against Edwardsiella ictaluri in Yellow Catfish (Pelteobagrus fulvidraco). Antibiotics, 2021, 10, 329.	3.7	11
17	Vibrio cholerae was found in cultured bullfrog. Epidemiology and Infection, 2022, 150, 1-17.	2.1	11
18	Sanguinarine Protects Channel Catfish against Aeromonas hydrophila Infection by Inhibiting Aerolysin and Biofilm Formation. Pathogens, 2022, 11, 323.	2.8	11

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19	Residue depletion and risk assessment of niclosamide in three species of freshwater fish. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1497-1507.	2.3	10
20	Determination of Doxycycline, 4-epidoxycycline, and 6-epidoxycycline in Aquatic Animal Muscle Tissue by an Optimized Extraction Protocol and Ultra-performance Performance Liquid Chromatography with Ultraviolet Detection. Analytical Letters, 2019, 52, 452-464.	1.8	10
21	Transcriptome analysis of goldfish (Carassius auratus) in response to Gyrodactylus kobayashii infection. Parasitology Research, 2021, 120, 161-171.	1.6	10
22	Genistein Inhibits the Pathogenesis of Aeromonas hydrophila by Disrupting Quorum Sensing Mediated Biofilm Formation and Aerolysin Production. Frontiers in Pharmacology, 2021, 12, 753581.	3.5	10
23	Expression, Purification, and Characterization of Hemolytic Toxin from Virulent Aeromonas hydrophila. Journal of the World Aquaculture Society, 2017, 48, 531-536.	2.4	9
24	Effect of copper sulfate on Bdellovibrio growth and bacteriolytic activity towards gibel carp-pathogenic Aeromonas hydrophila. Canadian Journal of Microbiology, 2018, 64, 1054-1058.	1.7	9
25	Determination of pendimethalin in water, sediment, and Procambarus clarkii by high performance liquid chromatography-triple quadrupole mass spectrometry. Environmental Monitoring and Assessment, 2019, 191, 621.	2.7	8
26	Dual RNA-Seq of Trunk Kidneys Extracted From Channel Catfish Infected With Yersinia ruckeri Reveals Novel Insights Into Host-Pathogen Interactions. Frontiers in Immunology, 2021, 12, 775708.	4.8	8
27	A QuEChERS-HPLC-MS/MS Method with Matrix Matching Calibration Strategy for Determination of Imidacloprid and Its Metabolites in Procambarus clarkii (Crayfish) Tissues. Molecules, 2021, 26, 274.	3.8	7
28	A fast and accurate isotope dilution GCâ€Tâ€MS/MS method for determination of eugenol in different tissues of fish: Application to a depletion study in mandarin fish. Biomedical Chromatography, 2018, 32, e4163.	1.7	6
29	Development and Validation of a HPLC-HESI-MS/MS Method for Simultaneous Determination of Robenidine Hydrochloride and Its Metabolites in Fish and Exploration of Their Kinetic Regularities in Grass Carp. Food Analytical Methods, 2020, 13, 516-529.	2.6	6
30	The pharmacokinetic characteristics of sulfadiazine in channel catfish (Ictalurus punctatus) following oral and intravenous administrations. Journal of Veterinary Pharmacology and Therapeutics, 2022, 45, 16-22.	1.3	6
31	Comparative Pharmacokinetics of Sulfadiazine and Its Metabolite N4-Acetyl Sulfadiazine in Grass Carp (Ctenopharyngodon idella) at Different Temperatures after Oral Administration. Pharmaceutics, 2022, 14, 712.	4.5	6
32	Molecular characterization, phylogenetic analysis and adjuvant effect of channel catfish interleukin-1Î²s against Streptococcus iniae. Fish and Shellfish Immunology, 2019, 87, 155-165.	3.6	5
33	Sulfadiazine pharmacokinetics in grass carp (Ctenopharyngodon idellus) receiving oral and intravenous administrations. Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 86-92.	1.3	5
34	Antiparasitic Efficacy of Herbal Extracts and Active Compound Against Gyrodactylus kobayashii in Carassius auratus. Frontiers in Veterinary Science, 2021, 8, 665072.	2.2	5
35	Withdrawal Interval Estimation of Doxycycline in Yellow Catfish (Pelteobagrus fulvidraco) Using an LC-MS/MS Method Based upon QuEChERS Sampling Preparation. Foods, 2021, 10, 2554.	4.3	4
36	Single Intravascular and Oral Dose Pharmacokinetics of Mebendazole in Blunt Snout Bream, Megalobrama amblycephala. Journal of the World Aquaculture Society, 2016, 47, 685-690.	2.4	3

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37	Effects of 27 natural products on drug metabolism genes in channel catfish (Ictalurus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.1	3
38	Pharmacokinetics, bioavailability, and tissue disposal profiles of Tiamulin fumarate in Nile tilapia (Oreochromis niloticus) following oral and intravenous administrations. Journal of Veterinary Pharmacology and Therapeutics, 2021, 44, 590-602.	1.3	3
39	Determination of doxycyclineâ€™s plasma protein binding rates in the plasma of grass carp () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T concentrations. Aquaculture Research, 2022, 53, 2865-2873.	1.8	3
40	Anthelmintic efficacy of natural saponins against Gyrodactylus kobayashii in goldfish (Carassius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.6	2
41	Elimination of Pendimethalin in Integrated Rice and Procambarus clarkii Breeding Models and Dietary Risk Assessments. Foods, 2022, 11, 1300.	4.3	2
42	Transcriptome Analysis Provides Insights into Hepatic Responses to Trichloroisocyanuric Acid Exposure in Goldfish (Carassius auratus). Animals, 2021, 11, 2775.	2.3	1