

Xiaohui Ai

List of Publications by Year in descending order

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42
papers

451
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840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	The pharmacokinetic characteristics of sulfadiazine in channel catfish (<i>Ictalurus punctatus</i>) following oral and intravenous administrations. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2022, 45, 16-22.	1.3	6
2	<i>Vibrio cholerae</i> was found in cultured bullfrog. <i>Epidemiology and Infection</i> , 2022, 150, 1-17.	2.1	11
3	Determination of doxycycline's plasma protein binding rates in the plasma of grass carp (<i>Ctenopharyngodon idella</i>) at different temperatures after oral administration. <i>Aquaculture Research</i> , 2022, 53, 2865-2873.	1.8	3
4	Sanguinarine Protects Channel Catfish against <i>Aeromonas hydrophila</i> Infection by Inhibiting Aerolysin and Biofilm Formation. <i>Pathogens</i> , 2022, 11, 323.	2.8	11
5	Comparative Pharmacokinetics of Sulfadiazine and Its Metabolite N4-Acetyl Sulfadiazine in Grass Carp (<i>Ctenopharyngodon idella</i>) at Different Temperatures after Oral Administration. <i>Pharmaceutics</i> , 2022, 14, 712.	4.5	6
6	Elimination of Pendimethalin in Integrated Rice and <i>Procambarus clarkii</i> Breeding Models and Dietary Risk Assessments. <i>Foods</i> , 2022, 11, 1300.	4.3	2
7	Sulfadiazine pharmacokinetics in grass carp (<i>Ctenopharyngodon idellus</i>) receiving oral and intravenous administrations. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 86-92.	1.3	5
8	Transcriptome analysis of goldfish (<i>Carassius auratus</i>) in response to <i>Gyrodactylus kobayashii</i> infection. <i>Parasitology Research</i> , 2021, 120, 161-171.	1.6	10
9	Anthelmintic efficacy of natural saponins against <i>Gyrodactylus kobayashii</i> in goldfish (<i>Carassius auratus</i>). <i>Parasitology Research</i> , 2021, 120, 161-171.	1.6	10
10	A QuEChERS-HPLC-MS/MS Method with Matrix Matching Calibration Strategy for Determination of Imidacloprid and Its Metabolites in <i>Procambarus clarkii</i> (Crayfish) Tissues. <i>Molecules</i> , 2021, 26, 274.	3.8	7
11	Determination of Pharmacokinetic and Pharmacokinetic-Pharmacodynamic Parameters of Doxycycline against <i>Edwardsiella ictaluri</i> in Yellow Catfish (<i>Pelteobagrus fulvidraco</i>). <i>Antibiotics</i> , 2021, 10, 329.	3.7	11
12	Pharmacokinetics, bioavailability, and tissue disposal profiles of Tiamulin fumarate in Nile tilapia (<i>Oreochromis niloticus</i>) following oral and intravenous administrations. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 590-602.	1.3	3
13	Antiparasitic Efficacy of Herbal Extracts and Active Compound Against <i>Gyrodactylus kobayashii</i> in <i>Carassius auratus</i> . <i>Frontiers in Veterinary Science</i> , 2021, 8, 665072.	2.2	5
14	Temperature-Dependent Residue Depletion Regularities of Tiamulin in Nile Tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 590-602.	2.2	12
15	Transcriptome Analysis Provides Insights into Hepatic Responses to Trichloroisocyanuric Acid Exposure in Goldfish (<i>Carassius auratus</i>). <i>Animals</i> , 2021, 11, 2775.	2.3	1
16	Genistein Inhibits the Pathogenesis of <i>Aeromonas hydrophila</i> by Disrupting Quorum Sensing Mediated Biofilm Formation and Aerolysin Production. <i>Frontiers in Pharmacology</i> , 2021, 12, 753581.	3.5	10
17	Effects of acute deltamethrin exposure on kidney transcriptome and intestinal microbiota in goldfish (<i>Carassius auratus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112716.	6.0	23
18	Withdrawal Interval Estimation of Doxycycline in Yellow Catfish (<i>Pelteobagrus fulvidraco</i>) Using an LC-MS/MS Method Based upon QuEChERS Sampling Preparation. <i>Foods</i> , 2021, 10, 2554.	4.3	4

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19	Luteolin decreases the pathogenicity of <i>Aeromonas hydrophila</i> via inhibiting the activity of aerolysin. <i>Virulence</i> , 2021, 12, 165-176.	4.4	12
20	Dual RNA-Seq of Trunk Kidneys Extracted From Channel Catfish Infected With <i>Yersinia ruckeri</i> Reveals Novel Insights Into Host-Pathogen Interactions. <i>Frontiers in Immunology</i> , 2021, 12, 775708.	4.8	8
21	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. <i>Food Analytical Methods</i> , 2020, 13, 516-529.	2.6	6
22	Characterization of IL-22 Bioactivity and IL-22-Positive Cells in Grass Carp <i>Ctenopharyngodon idella</i> . <i>Frontiers in Immunology</i> , 2020, 11, 586889.	4.8	22
23	The Pharmacokinetics of Doxycycline in Channel Catfish (<i>Ictalurus punctatus</i>) Following Intravenous and Oral Administrations. <i>Frontiers in Veterinary Science</i> , 2020, 7, 577234.	2.2	11
24	Effects of 27 natural products on drug metabolism genes in channel catfish (<i>Ictalurus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (1.1	3
25	Anthelmintic efficacy of 35 herbal medicines against a monogenean parasite, <i>Gyrodactylus kobayashii</i> , infecting goldfish (<i>Carassius auratus</i>). <i>Aquaculture</i> , 2020, 521, 734992.	3.5	12
26	Thymol Protects Channel Catfish from <i>Aeromonas hydrophila</i> Infection by Inhibiting Aerolysin Expression and Biofilm Formation. <i>Microorganisms</i> , 2020, 8, 636.	3.6	22
27	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. <i>Analytical Letters</i> , 2019, 52, 452-464.	1.8	10
28	TcpA, a novel <i>Yersinia ruckeri</i> TIR-containing virulent protein mediates immune evasion by targeting MyD88 adaptors. <i>Fish and Shellfish Immunology</i> , 2019, 94, 58-65.	3.6	13
29	Determination of pendimethalin in water, sediment, and <i>Procambarus clarkii</i> by high performance liquid chromatography-triple quadrupole mass spectrometry. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 621.	2.7	8
30	Tissue residue depletion kinetics and withdrawal time estimation of doxycycline in grass carp, <i>Ctenopharyngodon idella</i> , following multiple oral administrations. <i>Food and Chemical Toxicology</i> , 2019, 131, 110592.	3.6	20
31	Molecular characterization, phylogenetic analysis and adjuvant effect of channel catfish interleukin-1 β s against <i>Streptococcus iniae</i> . <i>Fish and Shellfish Immunology</i> , 2019, 87, 155-165.	3.6	5
32	A fast and accurate isotope dilution GC-IT-MS/MS method for determination of eugenol in different tissues of fish: Application to a depletion study in mandarin fish. <i>Biomedical Chromatography</i> , 2018, 32, e4163.	1.7	6
33	Morin Protects Channel Catfish From <i>Aeromonas hydrophila</i> Infection by Blocking Aerolysin Activity. <i>Frontiers in Microbiology</i> , 2018, 9, 2828.	3.5	21
34	Molecular Characterization, Phylogenetic, Expression, and Protective Immunity Analysis of OmpF, a Promising Candidate Immunogen Against <i>Yersinia ruckeri</i> Infection in Channel Catfish. <i>Frontiers in Immunology</i> , 2018, 9, 2003.	4.8	17
35	Effect of copper sulfate on <i>Bdellovibrio</i> growth and bacteriolytic activity towards gibel carp-pathogenic <i>Aeromonas hydrophila</i> . <i>Canadian Journal of Microbiology</i> , 2018, 64, 1054-1058.	1.7	9
36	Residue depletion and risk assessment of niclosamide in three species of freshwater fish. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1497-1507.	2.3	10

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37	Development of a liquid chromatography-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. <i>Food Chemistry</i> , 2018, 269, 442-449.	8.2	26
38	Magnolol protects channel catfish from <i>Aeromonas hydrophila</i> infection via inhibiting the expression of aerolysin. <i>Veterinary Microbiology</i> , 2017, 211, 119-123.	1.9	31
39	Expression, Purification, and Characterization of Hemolytic Toxin from Virulent <i>Aeromonas hydrophila</i> . <i>Journal of the World Aquaculture Society</i> , 2017, 48, 531-536.	2.4	9
40	Single Intravascular and Oral Dose Pharmacokinetics of Mebendazole in Blunt Snout Bream, <i>Megalobrama amblycephala</i> . <i>Journal of the World Aquaculture Society</i> , 2016, 47, 685-690.	2.4	3
41	<i>In vitro</i> synergistic effects of fisetin and norfloxacin against aquatic isolates of <i>Serratia marcescens</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fmv220.	1.8	11
42	Determination of Niclosamide in Aquatic Animal Tissue by a Novel Extraction Procedure and High-Performance Liquid Chromatography-Heated Electrospray Ionization-Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2015, 48, 929-943.	1.8	19