Special Issue

Physiological Responses of Fishes to Nutrition Management and Environmental Stresses

Message from the Guest Editors

Aquaculture industry is becoming more and more important source of fish and other kinds of seafood, as capture fish industry is declining, because of the exploitation of wild stocks. Due to the increasing demands, fish farming systems will be more intensive and industrialized, which results in a more stressful environment for the farmed fish. Crowding, hypoxia and hyperoxia are typical stressors that have detrimental effects on physiological functions of fish. They affect growth, disease resistance and survival, therefore it is important to know the effect of different stressors and the stress resistance of various farmed fish species. Another important aspect is providing high quality feeds for intensive aquaculture. Using adequate feed ingredients or additives can increase the resistance of fish, decreasing or eliminating the negative effects of various stressors related to intensive rearing conditions. We encourage you to share new information about physiological responses of fishes to nutrition management and environmental stresses.

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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