Special Issue

Moving towards Intelligence: Advances and Perspectives on Smart Poultry Farming

Message from the Guest Editors

We are facing ever-growing demands for protein resources. To meet such demands, global poultry meat and egg production has soared in the past decades and is projected to keep growing in the decades to come. While poultry production makes critical contributions to food and nutrition security, it uses substantial natural and human resources and has significant impacts on society, the economy, public health, and the environment. Although the extent of these impacts may vary among continents and countries due to differences in production practices, climate conditions, and social structures and preferences, the global poultry industry, as a whole, should strive to keep improving its sustainability and efficiency in the resource usage. Smart Poultry Farming (SPF) features applications of intelligent and automated sensing technologies and computer tools for sustainable and efficient poultry production, and it offers solutions to the poultry industry to address challenges in terms of poultry management, the environment, nutrition, automation and robotics, health, welfare assessment, behaviour monitoring, waste management, etc.

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Deadline for manuscript submissions

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About the Journal

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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