

Special Issue

Advances in Ruminant Feeding and Nutrition in the Digital Era

Message from the Guest Editors

The digital transformation in agriculture is helping farmers to make better decisions through an increased connection between crop farming, livestock, and manure management. Sustainable feeding requires that the animals' supply of necessary nutrients coexists with maintaining a wide diversity of organisms, including cropping species. The new digital approaches include machines, sensors, models, and data analysis to support sustainable feed management decisions. These will increase the feed efficiency and, consequently, the economic and environmental performances, helping livestock production to become greener. With these premises, advances in ruminant feeding may concern the use of new applications that guarantee more sustainable, automatic, and effortless management of the feeding system.

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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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