

Special Issue

Maximizing Fiber Utilization for Sustainable, Efficient Ruminant Production

Message from the Guest Editors

In an era where the demand for sustainable and efficient agricultural practices is paramount, the optimization of ruminant production systems plays a crucial role. This Special Issue, “Maximizing Fiber Utilization for Sustainable, Efficient Ruminant Production”, addresses a pivotal aspect of ruminant nutrition: the effective utilization of fiber. Fiber, an abundant yet often underexploited component in ruminant diets, holds the potential to transform the sustainability and efficiency of livestock production. Moreover, the proper utilization of fiber is not only critical for enhancing feed efficiency and reducing environmental impacts but also for promoting the health and welfare of ruminant animals. This issue delves into how fiber can support rumen function, prevent metabolic disorders, and contribute to the overall well-being of ruminants. Join us as we explore the latest research and insights that aim to unlock the full potential of fiber in ruminant diets, contributing to a more sustainable, efficient, and welfare-conscious future for the industry.

Guest Editors

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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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