Special Issue

Nutrient Metabolism and Feed Nutritional Values in Sows

Message from the Guest Editors

An accurate assessment or prediction of feed nutritional values through traditional or machine learning methods is a prerequisite for sows to achieve precise and required nutrition. Improving nutrient utilization efficiency of sows by utilizing new technologies or methods is also of great significance for improving feed utilization efficiency. Exploring the metabolism of nutrients in high-yielding sows is crucial for achieving high sow yields. The aim of this Special Issue is to present original research articles and reviews regarding the traditional or novel feed nutrition value estimation or prediction of sows, new methods for improving feed efficiency, and nutrition metabolism in high-yielding sows.

Guest Editors

Prof. Dr. Yan Lin

Animal Nutrition Institute, Sichuan Agricultural University, Chengdu 611130, China

Dr. Ke Wang

College of Biological Engineering, Henan University of Technology, Zhengzhou 450001, China

Deadline for manuscript submissions

31 August 2026

Animals

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 5.5
Indexed in PubMed

mdpi.com/si/245217

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

mdpi.com/journal/animals

Animals

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 5.5
Indexed in PubMed

mdpi.com/journal/animals

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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, WA 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

MDPI