

Special Issue

Bone Morphology in Paleontology and Evolution Research

Message from the Guest Editor

One of the most interesting aspects of the macroscopic and microscopic morphological characteristics of ancient animal bones is that their study can be used to research and establish phylogenetic relationships between taxa. From this point of view, paleoanatomy and paleohistology acquire great importance in the comparative anatomy and paleontological field, as they provide useful tools for understanding evolutionary processes and achieving results that even paleogenetics cannot provide, leading to a sort of revenge of the morphological sciences on the biomolecular ones. You are invited to submit your work on these topics. In particular, we welcome histomorphometric studies on osteons, the relief of growth arrest lines, and the calculation of skeletal chronology as well as all other original studies of extinct animals that evaluate possible correlations between bone morphology and evolution.

Guest Editor

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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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