Recent Advances in Animal Cognition and Ethology

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Deadline for manuscript submissions:
closed (10 June 2023)

Message from the Guest Editors

Dear Colleagues,

Hardware (as drones or robots) and software (as artificial intelligence and automatic identification) are currently supporting new advances in animal behavior and cognition. These new technologies help us to surpass some limits of traditional approaches by fully tracking animals in their natural environment, or understanding the cognitive capabilities of animals. Additionally, the way of thinking 'How can I work with this animal?' helps more and more researchers to consider animal agency in their protocols and training programs, yielding new results on uncommon tested species in captivity or bringing the lab to the field. The purpose of this Special Issue is to highlight (1) how researchers study animals with these new technological devices at their disposal, and (2) how animals can now be enrolled to collaborate with scientists. Data analysis methodologies such as deep learning, random tree forests analyses and information theory are also welcome. All together this should lead to new advances in multiple domains such as cognition, ethology, ecology, conservation and neuroscience.

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mdpi.com/si/118849

Special Issue

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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: 3.0 (2022, ranks 12 /62 (Q1) in 'Agriculture, Dairy & Animal Science'; 13/143 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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