

Special Issue

Innovative Instrument Setting and Software Development for Organismic Biology and Behavior Analysis

Message from the Guest Editor

We are excited to invite you to contribute to a Special Issue of *Inventions* dedicated to showcasing cutting-edge innovations in the field of new instrument and software development for organismic biology and behavior analysis. In recent years, there have been remarkable advances in technologies and methodologies that have revolutionized our understanding of organisms and their behaviors. This Special Issue aims to bring together researchers, scientists, and experts from diverse backgrounds to explore these groundbreaking inventions and their applications in the context of organismic biology and behavior analysis, especially those with a focus on new innovative instrument settings and software development. We are seeking original research papers, reviews, and methodological studies that highlight novel inventions, tools, and techniques with the potential to transform our ability to study and interpret the physiology and behaviors of organisms, from microorganisms to complex ecosystems. Contributions are encouraged from fields such as genetics, neuroscience, ecology, ethology, and computational biology, among others.

Guest Editor

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Message from the Editorial Board

The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

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