Special Issue

AI for Science: Advanced Techniques and Interdisciplinary Applications

Message from the Guest Editors

In recent years, the rapid development of AI technologies has revolutionized scientific research and the application of engineering across multiple disciplines. This Special Issue aims to showcase the latest advancements in and application of AI techniques, focusing on innovative methodologies, interdisciplinary approaches, and novel solutions to scientific challenges. We welcome submissions that highlight the transformative impact of AI in fields such as weather, traffic, healthcare, agriculture, marine science, computational biology, environmental science, and industrial optimization. This Special Issue welcomes contributions that explore the use of advanced AI techniques, such as deep learning, reinforcement learning, graph neural networks, and hybrid models, to solve real-world scientific problems. Submissions that investigate the application of AI in the integration of multimodal data, the optimization of complex systems, or the development of novel computational models for predicting and simulating scientific phenomena are particularly welcome.

Guest Editors

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Dr. Yuxia Wu

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Deadline for manuscript submissions

30 September 2025

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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