

Special Issue

Applied Artificial Intelligence Approach: Intelligent Data Processing and Mining with Online Behaviors

Message from the Guest Editors

In recent years, the advance of deep representation learning and other AI methods has introduced a new angle to this problem in many respects, such as graph neural networks, pretrained language and multimodal models, deep reinforcement learning, etc. In addition to the incredible achievements that have been made, scientists are still working towards revealing the essence of different learning process. From the perspective of AI, this intelligence-based approach provides the potential to make AI-based systems not only intelligent but also knowledgeable, which is also crucial in explainable artificial intelligence (XAI). Furthermore, machine intelligence-based models also help to recognize the psychological and cognitive patterns of users in their interaction process. We believe that fundamental innovation via the use of AI could immensely promote the understanding of user behavior, emotion, attention, and knowledge acquisition. Thus, we hope to invite submissions of research articles that focus on intelligent data processing and mining with online behaviors from the view of AI and machine learning.

Guest Editors

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Deadline for manuscript submissions

closed (20 June 2024)



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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 guestedited by leading experts in selected topics of interest.

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