Special Issue

Advances in AI Engineering: Exploring Machine Learning Applications

Message from the Guest Editors

As we enter an era where artificial intelligence (AI) evolves from a supplementary tool to a primary catalyst for innovation across diverse scientific and industrial sectors, our foremost objective is to spotlight the inventive machine learning (ML) applications. We seek to accelerate diverse methods by which AI and ML are utilized to address intricate challenges, unlocking untapped potential in the process. Spanning a broad spectrum of subjects, it explores AI's role not only in electronics but also various other industrial scenarios. We especially welcome submissions that demonstrate creative applications of AI techniques in problem-solving, predictive analysis, and the improvement of efficiency across various fields. We are eager to publish both original research articles and reviews in this Special Issue. Areas of research may encompass, but are not limited to: AI applications, AI in industry, AI for electronics, AI for materials, AI for engineering, etc.

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Deadline for manuscript submissions

closed (15 July 2025)

Electronics

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 guestedited by leading experts in selected topics of interest.

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