

Special Issue

Machine Learning Advances and Applications on Natural Language Processing (NLP)

Message from the Guest Editors

The impressive achievements of recent state-of-the-art machine learning models are revolutionizing the area of text and language applications. The goal of this Special Issue is to publish high-quality, peer-reviewed original research papers in the area of Natural Language Processing. It will also host high-quality review studies on the involved research fields. The aim of this Special Issue is to provide the research community with a rich collection of key papers that will open new directions in this area by introducing new models, methods, and techniques. Indicative topics of interest include, but are not limited to:

- Large-language models;
- Sentiment analysis;
- Machine translation;
- Machine-generated/machine-assisted image and video annotation;
- Effective text/short-text representations;
- Messengers and social networks;
- Text and short-text classification;
- Text and short-text clustering;
- NLP applications for low-power devices.

Guest Editors

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closed (15 May 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 guestedited by leading experts in selected topics of interest.

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