Special Issue

Applications of Artificial Intelligence and Natural Language Processing

Message from the Guest Editor

We are pleased to invite you to submit your latest research to this Special Issue entitled "Applications of Artificial Intelligence and Natural Language Processing". This Special Issue aims to highlight recent advancements in and innovative applications of AI/NLP methodologies—including machine learning, deep learning, and large language models—to address real-world challenges through interdisciplinary and convergent approaches. We invite papers that present original research on related topics, including, but not limited to, the following:

- **Health Informatics:** Clinical text mining, predictive analytics, and decision-support systems;
- **Sentiment and Opinion Mining:** Fine-grained sentiment analysis, emotion detection, and opinion extraction from social media and user-generated content;
- **Low-Resource and Multilingual NLP:** Transfer learning, cross-lingual adaptation, and solutions tailored to underrepresented languages.

We look forward to receiving your valuable contributions that push the boundaries of intelligent language technologies and create a meaningful impact across domains such as education, healthcare, social media analytics, and beyond.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

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