Special Issue

Perception and Detection of Intelligent Vision

Message from the Guest Editors

This Special Issue will bring together leading researchers and developers to present their latest research on algorithm design, system frameworks, and cognitive theories for developing intelligent vision systems. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not are limited to) the following:

- Computer vision;
- Robot vision;
- Visual perception;
- Scene understanding;
- 3D vision;
- Deep learning;
- Visual representation learning;
- Intelligent vision device;
- Large vision model;
- Unsupervised learning;
- Multi-model learning;
- Visual cognition theories;
- Action recognition and understanding;
- Human-computer interaction.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Hongshan Yu

Dr. Zhengeng Yang

Dr. Mingtao Feng

Dr. Qieshi Zhang

Deadline for manuscript submissions

closed (30 April 2025)

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

Editor-in-Chief

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