

Special Issue

Bioinspired Computer Vision

Message from the Guest Editor

The main aim of this Special Issue is to seek high-quality submissions that present and discuss the recent achievements in the development of bioinspired models for solving vision tasks, especially focusing on real-world complex situations and addressing modern benchmarking datasets. The topics of interest include, but are not limited to the following:

- Bioinspired computer vision for motion and stereo analysis
- Bioinspired computer vision for scene understanding
- Bioinspired computer vision for face, gesture, and shape recognition
- Bioinspired computer vision for the real world: Robustness, learning, adaptability, self-assessment, and failure recovery
- Performance evaluation of bioinspired approaches
- Bioinspired computer vision for surveillance and security applications
- Bioinspired computer vision for virtual and augmented reality applications
- Hardware and high-performance implementations of bioinspired approaches
- Bioinspired computer vision and deep learning

Welcome to contribute!

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2020)



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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 guest-edited by leading experts in selected topics of interest.

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