

## Special Issue

# Applications of Artificial Intelligence in Biomedicine

### Message from the Guest Editors

The main aim of this Special Issue is to publish works that propose novel AI methods applicable to solve biomedical problems like medical image segmentation and multimodality image registration, and cutting-edge AI systems used to assist disease detection, diagnostic decision, surgical planning and so on. We are also looking for groundbreaking discoveries obtained using AI methods. The topics of interest include, but are not limited to:

- AI-based medical image segmentation.
- AI-based multimodality image registration.
- AI-based early-stage disease detection.
- AI-based surgical planning.
- Intelligent diagnosis systems.
- Intelligent robot arm control during surgical operation.

### Guest Editors

Prof. Dr. Xiaojun Chen

Prof. Dr. Xiaoyi Jiang

Prof. Dr. Alejandro F Frangi

Dr. Shuo Li

Prof. Dr. Dinggang Shen

### Deadline for manuscript submissions

closed (31 October 2022)



## Electronics

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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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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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