Special Issue

Robot-Assisted Surgery and Reinforcement Learning Driven by Human-Machine Hybrid Intelligence

Message from the Guest Editor

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Control of surgical robot;
- Target visual positioning and tracking;
- Intervention path planning and/or Surgical navigation;
- Medical imaging and computer-assisted intervention;
- Computer aided diagnosis and/or robot-assisted intervention surgery;
- Deep learning methods for medical data;
- Human–computer interaction system for surgical robots;
- Medical augmented reality;
- LLM/ChatGPT/GPT-4 for robot-assisted intervention surgery.

We look forward to receiving your contributions.

Guest Editor

Prof. Dr. Shoujun Zhou

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Deadline for manuscript submissions

closed (31 January 2024)

Electronics

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Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/173291

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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.

Editor-in-Chief

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