

Special Issue

Advanced Technologies in Medical and Surgical Robotics

Message from the Guest Editors

Surgical robotics is the most cutting-edge medical technology of modern times. It offers many benefits to patients, including shorter hospitalization times, reduced pain, faster recovery, smaller incisions, etc. Surgical robots drive clinical technology innovation in many aspects, from preoperative planning to intraoperative execution to postoperative rehabilitation. At present, the advent of the smart medical era is introducing new technologies, such as soft/flexible robotics, intelligent sensing and control, haptics, artificial intelligence, and AR/VR, into the field. Nevertheless, it may bring some technical challenges for the deep integration of medical and robotics technologies. This Special Issue aims to invite and collate high-quality original research and review articles on the latest advances in the theory, methods, and applications of medical and surgical robotics.

Guest Editors

Dr. Bai Chen

Dr. Feng Ju

Dr. Bo Lu

Dr. Fuxin Du

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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