Special Issue

Biomedical Imaging and Analysis of the Eye: Second Edition

Message from the Guest Editors

The eye is an important aspect of human health since people rely on their eyes to see and make sense of the world around them. Investigating the condition of the eye is not only important to identify eye diseases but also to predict the risk of non-ocular diseases such as diabetes, anemia, cardiovascular risk, chronic kidney disease, and other systemic parameters.

The aim of this Special Issue is to provide a forum to share insights into medical imaging modalities and machine/deep learning tools to advance the development of algorithms, systems, and clinical applicability for imaging and analyzing the eye. We welcome both original research and review articles.

Guest Editors

Dr. Xuejun Qian

School of Biomedical Engineering, Shanghai Tech University, Shanghai, China

Prof. Dr. Qifa Zhou

Department of Biomedical Engineering and Ophthalmology, University of Southern California, Los Angeles, CA 90007, USA

Deadline for manuscript submissions

closed (31 December 2024)

Bioengineering

an Open Access Journal by MDPI

**Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed**

mdpi.com/journal/
bioengineering

About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie
Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Biomedical)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).