

Special Issue

Recent Advances in Algorithms for Computer Vision Applications

Message from the Guest Editor

Potential topics of interest for this Special Issue include (but are not limited to) the following areas:

- Image acquisition;
- Image quality analysis;
- Image filtering, restoration and enhancement;
- Image segmentation;
- Biomedical image processing;
- Color image processing;
- Multispectral image processing;
- Hardware and architectures for image processing;
- Image databases;
- Image retrieval and indexing;
- Image compression;
- Low-level and high-level image description;
- Mathematical methods in image processing, analysis and representation;
- Artificial intelligence tools in image analysis;
- Pattern recognition algorithms applied for images;
- Practical applications of image processing, analysis and recognition algorithms in medicine, surveillance, biometrics, document analysis, multimedia, intelligent transportation systems, stereo vision, remote sensing, computer vision, robotics and other fields.

Guest Editor

Dr. Guanqiu Qi

Department of Computer Information Systems, State University of New York at Buffalo State, Buffalo, NY 14222, USA

Deadline for manuscript submissions

closed (30 June 2024)



Algorithms

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.5



mdpi.com/si/174273

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

[mdpi.com/journal/
algorithms](https://mdpi.com/journal/algorithms)





Algorithms

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.5



[mdpi.com/journal/
algorithms](https://mdpi.com/journal/algorithms)



About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120,
D-39016 Magdeburg, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Theory and Methods) /
CiteScore - Q1 (Numerical Analysis)