

Special Issue

Face Recognition Using Machine Learning

Message from the Guest Editors

Biometric systems aim to measure and analyse the unique physical or behavioral traits or characteristics of an individual. The main idea of a biometric system is the use of human structures reflecting distinctive characteristics. The human face is one of the main biometric traits which has found many real-world applications including military, finance, public security, law enforcement, health, education, marketing, entertainment, and human–computer interaction. The human face conveys information about a human's identity, gender, age, race and emotions. One of the main challenges of the face recognition problem in the adoption environments is that the information involved is usually complex and variable in practice. This is because of head pose, age, illumination, appearance change (due to make-up, using accessories (e.g., glasses, scarves), or facial hair), as well as similarity among individuals (e.g., relatives, twins). The purpose of this Special Issue is to gather papers that define the advancement of face recognition using machine learning and their services and challenges.

Guest Editors

Dr. Tarek Gaber

Dr. Rania Hodhod

Dr. Anastasia Angelopoulou

Dr. Mohamed Meselhy Eltoukhy

Deadline for manuscript submissions

closed (31 January 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/68604

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).