



Machine Learning-Based Digital Watermarking Design

Guest Editor:

Prof. Dr. Young-Ho Seo

Intelligent Computing Lab,
Department of Electronic
Materials Engineering,
Kwangwoon University, Seoul
01897, Republic of Korea

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editor

Recently, machine learning-based digital watermarking methods have been actively studied. The embedding algorithm of digital watermarking based on machine learning allows the watermark to be inserted through learning so that the extracting algorithm can easily extract the watermark while ensuring invisibility. In addition, digital watermarking based on machine learning can improve the invisibility and robustness of watermarking technology by including various malicious and non-malicious attacks in the learning of neural networks. The topics include, but are not limited to:

- machine learning-based digital watermarking design
- deep learning-based digital watermarking
- deep neural network design for digital watermarking
- attack modeling for machine learning-based watermarking
- machine learning-based content (information) security
- machine learning-based stenography technology
- hardware or software implementation (development) of machine learning-based watermarking

Welcome to contribute.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)