

## Special Issue

# Computer Vision and Pattern Recognition in the Era of Deep Learning

### Message from the Guest Editor

Recently, an especially popular field of deep learning applications has been that of computer vision and pattern recognition. Typical examples of areas where deep networks have been used are object detection, face detection and recognition, optical character recognition, and image classification. In this Special Issue, we welcome contributions from scholars in all related subjects, presenting either a deep learning solution to a novel application, or a deep learning enhancement to a preexisting application.

---

### Guest Editor

Prof. Dr. Athanasios Nikolaidis

Department of Informatics, Computer and Telecommunications Engineering, International Hellenic University, Terma Magnesia Str., 62124 Serres, Greece

---

### Deadline for manuscript submissions

closed (31 December 2019)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/27670](https://mdpi.com/si/27670)

*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Ei Compendex, Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)