

## Special Issue

# Synaptic Devices and Artificial Neurons for Neuromorphic Computation

### Message from the Guest Editor

The aim of this special Issue is to report the recent advances in novel material-based artificial synaptic or neuron devices. We are confident that the publication of such a Special Issue will stimulate the curiosity of researchers to explore novel materials and structures to further advance the progress in this promising field and eventually put forward their practical applications in artificial intelligence. It is our pleasure to invite you to submit a manuscript reporting new materials and structures, fundamental mechanisms, novel device concepts, device performances, as well as other related topics for this Special Issue. Full papers, communications, and reviews are all welcome. Topics of interest include but are not limited to:

- neuromorphic computing hardware
- artificial synapses
- artificial neurons
- synaptic devices
- artificial neuron networks

### Guest Editor

Prof. Dr. Zhaoyang Fan

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### Deadline for manuscript submissions

closed (1 September 2022)



## Electronics

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## 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.

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### Editor-in-Chief

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