

## Special Issue

# Recent Advances in Silicon-Based RFIC Design

### Message from the Guest Editor

Aim of this Special Issue is to collect recent advances in the design of silicon-based RFIC's and related systems covering, but not limited to, the following hot application fields:

- Digital intensive RF transceiver architectures
- High speed ADCs for direct sampling RF receiver architectures
- Millimeter-wave SiGe BiCMOS front-ends and frequency synthesis
- Cryogenic CMOS RFICs for quantum engineering
- Silicon microwave-photonics integrated circuits

Welcome to contribute!

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### Guest Editor

Dr. Mattia Borgarino

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### Deadline for manuscript submissions

closed (1 November 2022)



## Electronics

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Impact Factor 2.6  
CiteScore 6.1



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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

Prof. Dr. Flavio Canavero

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#### Rapid Publication:

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