Special Issue

Applications of RFID in AIoT

Message from the Guest Editors

This Special Issue (SI) is intended to present scholarly papers that address critical problems in the application of radio frequency identification (RFID). RFID is widely used in industry, retailing, logistics, etc. However, in these scenarios, the RFID system still suffers from many practical problems, such as inefficient data reporting, limited perception ability, vulnerable safety guarantees, etc. Employing Artificial Intelligence (AI) techniques in Internet of Things (IoT) applications has becomes a widely used and reliable solution. In fact, the AI technique is a common choice in plenty of research areas, such as computer vision (CV), natural language processing (NLP), etc. However, due to the limited on-chip resources of RFID tags, the AI method still faces new challenges in efforts to achieve efficient communication, accurate sensing, and credible authentication in current RFID applications. Therefore, the primary aim of this Special Issue is to seek high-quality submissions that highlight emerging AI methods to address the real application problems of RFID systems and cover recent breakthroughs in novel applications, sound methods, new techniques, etc.

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2024)

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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

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