Special Issue

Advances in Decentralized Intelligence

Message from the Guest Editors

The convergence of blockchain and artificial intelligence (AI) is unlocking new possibilities across various domains, such as finance, healthcare, education, and security. This Special Issue explores cutting-edge research in decentralized intelligence that leverages the mutual enhancement of blockchain and AI. We invite original contributions that present novel theoretical frameworks, innovative applications, and interdisciplinary perspectives while pushing the boundaries of decentralized intelligence. Topics of interest include, but are not limited to, blockchain for AI, AI for blockchain, and intelligent blockchain applications. Particularly, we seek innovative solutions to key challenges, such as decentralized learning, autonomous AI agents, decentralized identity for AI, intelligent smart contract auditing, and AI-driven decentralized finance.

- decentralized intelligence
- blockchain
- artificial intelligence
- distributed ledger technology
- decentralized computing
- machine learning
- decentralized learning
- autonomous AI agents
- multi-agent system
- decentralized identity
- self-sovereign identity
- smart contract
- decentralized finance

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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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