

# IEEE Computational Intelligence Society Publications

## IEEE Computational Intelligence Magazine –

<http://cis.ieee.org/ieee-computational-intelligence-magazine.html>

This magazine aims to introduce the readers to all areas of computational intelligence design and applications, with specific emphasis on applications oriented developments, successful industrial implementations, design tools, technology reviews, computational intelligence education, and applied research. The Magazine has a broad readership— **Impact Factor: 3.647**.

## IEEE Transactions on Computational Intelligence and AI in Games –

<http://cis.ieee.org/ieee-transactions-on-computational-intelligence-and-ai-in-games.html>

The journal has a broad scope and publishes high quality papers on all aspects of computational intelligence and artificial intelligence related to games. **The journal was established in 2009 and has an ISI impact factor of 1.00.** It is co-sponsored by the IEEE Computational Intelligence Society, the IEEE Computer Society, the IEEE Consumer Electronics Society and the IEEE Sensors Council. It is technically co-sponsored by the IEEE Systems, Man, and Cybernetics Society, the IEEE Instrumentation and Measurement Society, the IEEE Robotics and Automation Society, and the IEEE Communications Society.

## IEEE Transactions on Cognitive and Developmental Systems –

<http://cis.ieee.org/ieee-transactions-on-cognitive-and-developmental-systems.html>

This journal focuses on advances in the study of development and cognition in natural (humans, animals) and artificial (robots, agents) systems. It welcomes contributions from multiple related disciplines including cognitive systems, cognitive robotics, developmental and epigenetic robotics, autonomous and evolutionary robotics, social structures, multi-agent and artificial life systems, computational neuroscience, and developmental psychology. Articles on theoretical, computational, application-oriented, and experimental studies as well as reviews in these areas are considered.

## IEEE Transactions on Neural Networks and Learning Systems –

<http://cis.ieee.org/tnnls>

This journal publishes technical articles that deal with the theory, design, and applications of neural networks and related learning systems. **Impact Factor 4.854 - ranked number 1 in Computer Science (Hardware & Architecture category), and ranked in the top 10 among all Electrical & Electronic Engineering journals.**

## IEEE Transactions on Evolutionary Computation–

<http://cis.ieee.org/ieee-transactions-on-evolutionary-computation.html>

This Journal publishes archival quality original papers in evolutionary computation and related areas including nature-inspired algorithms, population-based methods, and optimization where selection and variation are integral, and hybrid systems where these paradigms are combined. Purely theoretical papers are considered as are application papers that provide general insights into these areas of computation. **Impact Factor 5.908.**

## IEEE Transactions on Fuzzy Systems –

<http://cis.ieee.org/ieee-transactions-on-fuzzy-systems.html>

This journal is devoted to the theory, design and applications of fuzzy systems, ranging from hardware to software. Emphasis will be given to engineering applications. **Impact Factor 6.701, ranked two among the Computer Science journals and ranked three among the Electrical & Electronic Engineering journals.**

## IEEE Press Books - Computational Intelligence Series –

<http://cis.ieee.org/ieee-press-books-computational-intelligence-series.html>

The IEEE Computational Intelligence Society sponsors a book series on computational intelligence that is published by IEEE Press/Wiley. The book series seeks to publish high quality monographs, texts, and edited volumes on topics within the scope of the society. New publications are always solicited.

Additionally, IEEE CIS co-sponsors the following other titles; The IEEE Transactions on Big Data, the IEEE Transactions on Nanobioscience, the IEEE Transactions on Information Forensics and Security, IEEE Transactions on Smart Grid, and the IEEE Transactions on Affective Computing.

## New Transactions: IEEE Transactions on Emerging Topics in Computational Intelligence -

<http://cis.ieee.org/ieee-transactions-on-emerging-topics-in-computational-intelligence.html>

This journal publishes original articles on emerging aspects of computational intelligence, including theory, applications, and surveys. The journal is technically co-sponsored by the IEEE Computer Society.

