

*Szakirodalmi ajánló*  
**ALKALMAZOTT INFORMATIKA**  
*témakörben*

*2026/2. sz. hírlevél*

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Ame Saleh ALI et al.: [Cyber-Physical Systems for Real-Time Geometrical Quality Control in 3-D Concrete Printing: From Reactive to Predictive Automation](#) (2026)

DOI: 10.1109/ACCESS.2026.3721695

(Adatbázis: *IEEE Xplore*)

Ian F. Akyildiz and Shih-Chun Lin: [Integrated Sensing and Communications: A Research Roadmap](#) (2026)

DOI: 10.1109/ACCESS.2026.3721160

(Adatbázis: *IEEE Xplore*)

Carolina Lagartinho-Oliveira et al.: [Input–Output Constrained Colored Petri Nets for Dependable System Controllers](#) (2026)

DOI: 10.1109/ACCESS.2026.3719810

(Adatbázis: *IEEE Xplore*)

V. Ayyalusamy et al.: [Hardware-in-the-Loop Evaluation of Authenticated IEC 61850 Communication in Digital Substations](#) (2026)

DOI: 10.1109/ACCESS.2026.3718760

(Adatbázis: *IEEE Xplore*)

V.P. Tharun Krisshna et al.: [Explainable AI-Driven Intrusion Detection and Blockchain-Based Trust Evolution for Secure Routing in Underwater Sensor Networks](#) (2026)

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Baotong Chen et al.: [Large AI Models Empowering Intelligent Manufacturing: Architecture, Evolution, and Prospects](#) (2026)

DOI: 10.1109/ACCESS.2026.3716955

(Adatbázis: *IEEE Xplore*)

Fayaz Mohamed Haneefa and Abdulhadi Shoufan: [VizUTM: A Platform-Agnostic Framework for Visualizing Unmanned Traffic Management Digital Twins](#) (2026)

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(Adatbázis: *IEEE Xplore*)

Niamh St John Lynch et al.: [Design and Expert Validation of an AI Change Management Process \(AI-CMP\) Assessment for AI-Enabled Medical Devices: Towards Agentic AI Change Management with Human Oversight](#) (2026)

DOI: 10.1016/j.daai.2026.100101

(Adatbázis: *ScienceDirect*)

Chandra Sekar Sivanadipatham et al.: [Edge-optimized and interpretable deep learning framework for high-volatility residential load prediction](#) (2026)

DOI: 10.1016/j.egyai.2026.100877

(Adatbázis: *ScienceDirect*)

## **Források az előfizetett adatbázisokból**

Az előfizetett adatbázisok elérése az Óbudai Egyetem hálózatából, automatikus IP cím azonosítással történik. Az egyes adatbázisok távoli elérésével, otthoni használatával kapcsolatban a Könyvtár honlapján tájékozódhat a <http://lib.uni-obuda.hu/eisz-adatbazisok> oldalon. Ha kérdése van, keresse az Egyetemi Könyvtár munkatársait!

Divya Priya Degala and Senthil Athithan: [Enhancing cyber-physical system security: a hybrid post-quantum cryptography and deep learning framework for resilience against quantum cyber threats](#) (2026)

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(Adatbázis: *Springer Nature Link*)

Ralf H. Reussner et al.: [Consistency management in model-driven engineering for cyber-physical systems: towards agile design methods](#) (2026)

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Perla Tannoury and Ahmed Hammad: [Integrating SysML and Timed Reo to model and verify cyber-physical systems interactions with timing constraints](#) (2026)

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Negin Ayoughi et al.: [Synthesizing behavioural models of cyber-physical systems using automata learning and statistical machine learning](#) (2026)

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Boubakeur Annane et al.: [AI-enabled IoT mobile cloud security: trends and challenges](#) (2026)

DOI: 10.1007/s10586-026-06527-6

(Adatbázis: *Springer Nature Link*)

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Shuang Song et al.: [Towards Discrete and Verifiable Physiology Modeling for Medical Cyber-Physical Systems](#) (2026)

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(Adatbázis: *IEEE Xplore*)

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(Adatbázis: *IEEE Xplore*)

Weerasak Chiangsoi et al.: [A Cloud and IoT-Based Secure Data Sharing Model for Smart Homes and Cyber-Physical Systems](#) (2026)

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(Adatbázis: *IEEE Xplore*)