

Szakirodalmi ajánló

Egészségügyi mérnöki tudományok, bioinformatika, mesterséges intelligencia

témakörben

2025/4. sz. hírlevél

Könyvek:

Hendrycks, Dan

[Introduction to AI Safety, Ethics, and Society](#) (2025)

DOI: 10.1201/9781003530336

(Adatbázis: DOAB – E-book gyűjtemény)

Khanna, Vinod Kumar

[AI Robotics](#) (2025)

DOI: 10.1201/9781032695266

(Adatbázis: DOAB – E-book gyűjtemény)

Beheshti, Iman (ed.), Sone, Daichi (ed.), Leung, Carson K. (ed.)

[Advances of AI in Neuroimaging](#) (2025)

DOI: 10.3390/books978-3-7258-4053-3

(Adatbázis: DOAB – E-book gyűjtemény)

Nothias, Toussaint; Bernholz, Lucy (ed). (2025)

[AI and Assembly](#) (2025)

DOI: 10.3390/books978-3-7258-3570-6

(Adatbázis: DOAB – E-book gyűjtemény)

Folyóirat:

[BMJ Digital Health & AI](#)

ISSN: 3049-575X (Online)

(Adatbázis: DOAJ)

Források előfizetett adatbázisokból:

Georgievski, Ilche

[Learning planning action models from Internet of Things data in buildings: A concept-driven approach](#) (2025)

DOI: 1016/j.engappai.2025.112830

(Adatbázis: Scopus)

Yo-Lun Yang, Tsai-Fu Chung, Chia-Hung Liao et.al.

[A constitutive framework for non-isothermal plasticity through micro-mechanism informed artificial neural networks](#) (2025)

DOI: 10.1016/j.engappai.2025.112465

(Adatbázis: Scopus)

Ashkan Safari, Arman Oshnoei , Frede Blaabjerg

[A review of recent AI applications in next-generation power electronics](#) (2025)

DOI: 1016/j.apenergy.2025.126923

(Adatbázis: Scopus)

Djordje Batic, Giulia Tanoni, Emanuele Principi, Lina Stankovic, Vladimir Stankovic, Stefano Squartini

[Interpretability and reliability-driven knowledge distillation for non-intrusive load monitoring on the edge](#) (2025)

DOI: 10.1016/j.eswa.2025.128837

(Adatbázis: Scopus)

Soultana Kapiki, Anthitsa Pappa

[Enhancing healthcare efficiency: leveraging advanced maintenance management for optimal staff performance](#) (2025)

DOI: 10.1108/JHOM-03-2025-0134

(Adatbázis: Scopus)

Jie Qi, Negin Yousefpour, Guillermo A. Narsilio, Mehdi Pouragha

[Data-Driven Detection of Internal Erosion Initiation in Gap-Graded Soils: Combining Particle-Scale CFD-DEM Simulation With 3D Convolutional Autoencoder](#) (2025)

DOI: 10.1002/nag.70063

(Adatbázis: Scopus)

Bipul Chandra Biswas, Asadul Islam Shimul, Abdulaziz A. Alshihri

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DOI: 10.1007/s41939-025-01079-5

(Adatbázis: Scopus)

Esmaeil Mehraeen , Niloofar Attarian, Arghavan Afra

[The Current State of Artificial Intelligence in Healthcare: A Narrative Review of Opportunities and Challenges](#) (2025)

DOI: 10.5812/semj-161280

(Adatbázis: Scopus)

Jassimran Singh, Aditi Agrawal

[Deploy your own machine learning model with no coding expertise: resident perspective](#) (2025)

DOI: 10.21037/jmai-24-448

(Adatbázis: Scopus)

Schuller, Frank C., Hyun, Insoo

[AI-driven diagnostics need an adaptive regulatory approach to benefit patients](#) (2025)

DOI: 10.1016/j.ijcard.2025.133742

(Adatbázis: Scopus)

Qiu Z., Lu Z., Zhong Y., Li X

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DOI: 10.1016/j.biomaterials.2025.123795

(Adatbázis: Embase)

Song X., Wang T., Shi X.

[Xuanbai Chengqi decoction targets sphingolipid metabolism: A novel strategy to preserve pulmonary endothelial barrier integrity in severe viral pneumonia](#)(2025)

DOI: 10.1016/j.jep.2025.120780

(Adatbázis: Embase)

Zou Y. , Yang X. , Xu X.

[Cognitive processing and intuitive characteristics of health intertemporal decision-making: Evidence from behavioral and ERP studies](#) (2025)

DOI: 10.1016/j.appet.2025.108351

(Adatbázis: Embase)

Open access források:

Zhang, Gen, Yu, Tingrong

[Association between Generative AI self-efficacy and Generative AI acceptance: The mediating role of Generative AI trust and the moderating role of Generative AI risk perception](#)(2025)

DOI: 10.1016/j.actpsy.2025.105791

(Adatbázis: Web of Science) OA

Walker, Peter B., Haase, Jonathan J. , Mehalick, Melissa

[Harnessing Metacognition for Safe and Responsible AI](#) (2025)

DOI: 10.3390/technologies13030107

(Adatbázis: *Wos*) OA

Sidra, Sidra, Claire Mason

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(Adatbázis: *Wos*) OA

Newman-Griffis, Denis

[AI Thinking: a framework for rethinking artificial intelligence in practice](#) (2025)

DOI: 10.1098/rsos.241482

(Adatbázis: *Wos*) OA