

Blockchain-based medical decision support system

Hovorushchenko, Tetiana; Hnatchuk, Yelyzaveta; Osiadlyi, Vitaliy; Kapustian, Mariia; **Boyarchuk, Artem** Journal of cyber security and mobility 2023 / p. 253-274 : ill <https://doi.org/10.13052/jcsm2245-1439.123.1> [Journal metrics at Scopus](#) [Article at Scopus](#)

The concept of information technology for ensuring accessibility to art objects for the visually impaired persons

Hovorushchenko, Tetiana; Voichur, Oleg; Hovorushchenko, Olha; **Boyarchuk, Artem**; Zasornova, Iryna IntelITSIS 2024 : 5th International Workshop on Intelligent Information Technologies and Systems of Information Security, March 28, 2024 : proceedings 2024 / p. 208-222 <https://ceur-ws.org/Vol-3675/> [Article at Scopus](#) [Conference Proceedings at Scopus](#)

Decision-making method for sound volume control in the 'Smart House' system

Hovorushchenko, Tetiana; Aleksov, Serhii; **Boyarchuk, Artem** 2024 IEEE 19th International Conference on Computer Science and Information Technologies (CSIT) : proceedings, 16-19 October 2024, Lviv, Ukraine 2024 / 4 p. <https://doi.org/10.1109/CSIT65290.2024.10982549> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Decision-making support for necessity/optionality/contraindication of vaccination against covid-19 considering legal norms

Hnatchuk, Yelyzaveta; Hovorushchenko, Tetiana; Misiats, Andrii; Herts, Alla; **Boyarchuk, Artem** IDDM 2022 : Proceedings of the 5th International Conference on Informatics and Data-Driven Medicine 2022 / p. 202-213 <https://ceur-ws.org/Vol-3302/> <https://ceur-ws.org/Vol-3302/paper12.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

MentSDet: concept of mobile-oriented multimodal information system for determining the patient's mental state

Hovorushchenko, Tetiana; Hovorushchenko, Olha; Korol, Anatolii; Hnenna, Valentyna; **Boyarchuk, Artem** IDDM 2024 : Informatics & Data-Driven Medicine 2024 : Proceedings of the 7th International Conference on Informatics & Data-Driven Medicine, Birmingham, United Kingdom, November 14-16, 2024 2024 / p. 304-318 <https://ceur-ws.org/Vol-3892/> [Scopus](#) [Conference Proceedings at Scopus](#)

Mobile cyber-physical system for diabetic patients' health status monitoring

Hovorushchenko, Tetiana; Pytyak, Maksym; Hovorushchenko, Olha; Paionk, Illya; Osiadlyi, Vitaliy; **Boyarchuk, Artem** IDDM 2023 : Informatics & Data-Driven Medicine 2023 : proceedings of the 6th International Conference on Informatics & Data-Driven Medicine, Bratislava, Slovakia, November 17-19, 2023 2023 / p. 27 - 36 <https://ceur-ws.org/Vol-3609/> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Mobile cyber-physical system for monitoring the health of patients with cardiovascular diseases

Hovorushchenko, Tetiana; Hryshchuk, Illia; Hovorushchenko, Olha; Rei, Kostyantyn; **Boyarchuk, Artem** CITRisk 2022 : Computational & Information Technologies for Risk-Informed Systems 2022 : Proceedings of the 3rd International Workshop on Computational & Information Technologies for Risk-Informed Systems (CITRisk 2022)co-located with XXII International scientific and technical conference on Information Technologies in Education and Management (ITEM 2022) 2022 / p. 86 - 95 <https://ceur-ws.org/Vol-3422/Paper8.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Mobile information system for determining the level of creatine in food product

Hovorushchenko, Tetiana; Kvasnitskyi, Denys; Hovorushchenko, Olha; Zasornova, Iryna; **Boyarchuk, Artem** IntelITSIS 2023: Intelligent Information Technologies & Systems of Information Security 2023 : proceedings of the 4th International Workshop on Intelligent Information Technologies & Systems of Information Security : Khmelnytskyi, Ukraine, March 22-24, 2023 2023 / p. 185 - 194 <https://ceur-ws.org/Vol-3373/> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

System for determination of legal responsibility/penalty for a cybersecurity breach

Hovorushchenko, Tetiana; Herts, Alla; **Boyarchuk, Artem**; Pavlova, Olga ITTAP 2022 - Proceedings of the 2nd International Workshop on Information Technologies: Theoretical and Applied Problems 2022 / p. 233-240 <https://ceur-ws.org/Vol-3309/short9.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)