

A comprehensive survey on digital twin for future networks and emerging Internet of Things industry

Hakiri, Akram; Gokhale, Aniruddha; **Ben Yahia, Sadok**; Mellouli, Nedra Computer Networks 2024 / art. 110350

<https://doi.org/10.1016/j.comnet.2024.110350> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deep magnitude management of clinical code embeddings to predict unplanned hospital readmissions

Bignoumba, Nzamba; Bertl, Markus; Mellouli, Nedra; **Ben Yahia, Sadok** Research Square 2024 / 32 p. : ill

<https://doi.org/10.21203/rs.3.rs-4705729/v1>

Deep padding and alignment strategies for irregular multivariate clinical time series

Bignoumba, Nzamba; Ben Yahia, Sadok; Mellouli, Nedra Procedia Computer Science 2024 / p. 3275 - 3284

<https://doi.org/10.1016/j.procs.2024.09.312> [Conference proceedings at Scopus](#) [Article at Scopus](#)

A new efficient ALignment-driven Neural Network for mortality prediction from irregular multivariate time series data [Formula presented]

Bignoumba, Nzamba; Mellouli, Nedra; **Ben Yahia, Sadok** Expert systems with applications 2024 / art. 122148

<https://doi.org/10.1016/j.eswa.2023.122148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Predictive systems using machine learning tools to forecast adverse events during medical stays = Ennustavad süsteemid, mis kasutavad masinõppe vahendeid kõrvalekallete prognoosimiseks haiglas viibimise ajal

Bignoumba, Nzamba 2024 <https://doi.org/10.23658/taltech.49/2024> https://www.ester.ee/record=b5700796*est

<https://digikogu.taltech.ee/et/Item/19abb999-27b2-46a1-8fe6-1f1c43a5fe0d>