

Accuracy analysis of selected time series and machine learning methods for smart cities based on Estonian electricity consumption forecast

Häring, Tobias; Ahmadihangar, Roya; Rosin, Argo; Korõtko, Tarmo; Biechl, Helmuth 2020 IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : proceedings 2020 / p. 425-428 : ill <https://doi.org/10.1109/CPE-POWERENG48600.2020.9161690>

Forecasting PV energy generation using transformer-based architectures: A comparative study of Lag-Llama, TFT, and DeepAR

Amjad, Furqan; Korõtko, Tarmo; Rosin, Argo 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830763>

High-accuracy prediction of international raw material trade flows using temporal fusion transformer

Arrar, Djihad; Ounoughi, Chahinez; Kamel, Nadjat; **Kalvet, Tarmo; Tiits, Marek;** Ben Yahia, Sadok International Journal of Data Science and Analytics 2025 / art. 100288 <https://doi.org/10.1007/s41060-025-00781-4> <https://link.springer.com/article/10.1007/s41060-025-00781-4>

A novel short receptive field based dilated causal convolutional network integrated with Bidirectional LSTM for short-term load forecasting

Javed, Umar; Ijaz, Khalid; Jawad, Muhammad; Khosa, Ikramullah; Ansari, Ejaz Ahmad; Zaidi, Khurram Shabih; Rafiq, Muhammad Nadeem; **Shabbir, Noman** Expert systems with applications 2022 / art. 117689 <https://doi.org/10.1016/j.eswa.2022.117689> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pattern based software architecture for predictive maintenance

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Use cases for power quality data analysis : case study for the Estonian transmission system

Domagk, Max; Meyer, Jan; **Kilter, Jako;** Maripuu, Rain 2024 21st International Conference on Harmonics and Quality of Power (ICHQP) : Oct. 15 to 18, 2024, Chengdu, China : proceedings 2024 / p. 485-490 <https://doi.org/10.1109/ICHQP61174.2024.10768779> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)