

ПЪЛЕН СПИСЪК НА НАУЧНИТЕ ТРУДОВЕ

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I. Статии, публикувани в реферирани чуждестранни издания и в списания с импакт-фактор (77)

1. **Mladenov, V.** and Kirilov, S., **2024**. "A Memristor Neural Network Based on Simple Logarithmic-Sigmoidal Transfer Function with MOS Transistors," *Electronics*, vol. 13, issue (5), pp. 1-26, ISSN 20799292, DOI 10.3390/electronics13050893 (Web of Science, Scopus, Google Scholar) **IF 2.9, SJR 0.628**.
2. Pavlatos, C., Makris, E., Fotis, G., Vita, V. and **Mladenov, V.**, **2023**. "Enhancing Electrical Load Prediction Using a Bidirectional LSTM Neural Network," *Electronics*, vol. 12, issue (22), pp. 1-13, <https://doi.org/10.3390/electronics12224652>, ISSN 20799292 (Web of Science, Scopus, Google Scholar) **SJR 0.628, IF 2.9**
3. Valchev, R., Nikolov, M., Nakov, O., Lazarova, M., **Mladenov, V.** "Timely Detection of Diabetes with Support Vector Machines, Neural Networks and Deep Neural Networks," *WSEAS Transactions on Computer Research*, **2023**, vol. 11, ISSN 19918755, DOI 10.37394/232018.2023.11.24, pp. 263–274 (Scopus) **SJR 0.105**
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II. Доклади в сборници на конференции, конгреси, и симпозиуми в чужбина (172)

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