

LISTA LUCRĂRILOR PUBLICATE ALE CANDIDATULUI

- [1]. **Constantinescu, M.-D.**, Popescu, M., & Suru, C. V. (2021). *Comparative Analysis of Two Methods of Calculating the Prescribed Current in a Shunt Active Filtering System*. Annals of the University of Craiova, Electrical Engineering Series, 45(1), 46–51. <https://doi.org/10.52846/AUCEE.2021.1.07>
- [2]. **Constantinescu, M.-D.**, Lincă, M., & Subțirelu, G. E. (2022). *On the Influence of the DC-Voltage on the Performance of the Active Power Filter*. In Proceedings of the 2022 22nd International Symposium on Electrical Apparatus and Technologies (SIELA), Bourgas, Bulgaria, 1–4 June 2022. IEEE.
- [3]. **Constantinescu, M.-D.**, Popescu, M., & Suru, C. V. (2022). *Implementation of Conservative Power Theory in the Control of Active Power Filters*. Annals of the University of Craiova, Electrical Engineering Series.
- [4]. **Constantinescu, M.-D.**, Popescu, M., Suru, C. V., & Toma, C. (2022). *Comparative Analysis in the Case of Indirect Current Control in a Shunt Active Filtering System*. Annals of the University of Craiova, Electrical Engineering Series.
- [5]. Subțirelu, G. E., Lincă, M., & **Constantinescu, M.-D.** (2022). *Advanced System for Power Quality Monitoring*. Annals of the University of Craiova, Electrical Engineering Series.
- [6]. Toma, C., Popescu, M., **Constantinescu, M.-D.**, & Popa, I. (2022). *Application of Electrical Substation, Ring Topology versus Star Topology*. Annals of the University of Craiova, Electrical Engineering Series.
- [7]. **Constantinescu, M.-D.**, Popescu, M., Subțirelu, G. E., & Toma, C. (2023). *Modelling, Simulation and Implementation on dSpace 1103 of the Direct Power Control in a Three-Phase Shunt Active Power Filter System*. Annals of the University of Craiova, Electrical Engineering Series..
- [8]. Subțirelu, G. E., Pistol, P., Vintilă, A., & **Constantinescu, M.-D.** (2023). *Control, Command and Regulation System Based on Virtual Instrumentation for Three-Phase Alternating High Current Source*. In Proceedings of the International Conference on Electromechanical and Energy Systems (SIELMEN), Chișinău, Moldova. IEEE.
- [9]. **Constantinescu, M.-D.**, Popescu, M., Subțirelu, G. E., & Toma, C. (2023). *Application of the Direct Power Control in a Three-Phase Shunt Active Power Filter System*. In Proceedings of the International Conference on Electromechanical and Energy Systems (SIELMEN), Chișinău, Moldova. IEEE.
- [10]. Toma, C., Popescu, M., **Constantinescu, M.-D.**, Popescu, M., & Buzatu, C. (2023). *Configuration of SCADA System Graphical User Interface for Electrical Station Equipment*. Annals of the University of Craiova, Electrical Engineering Series.
- [11]. Subțirelu, G. E., Pistol, O., Vintilă, A., & **Constantinescu, M.-D.** (2023). *Installation for Carrying out Thermal Tests on the Current Path of Electrical Power Equipment*. Annals of the University of Craiova, Electrical Engineering Series, No. 47, pp. 20–27 (Index Copernicus).
- [12]. Toma, C., Popescu, M., **Constantinescu, M.-D.**, & Subțirelu, G. E. (2024). *Wireless Communication for SCADA System of a Railway Electrical Substation*. Annals of the University of Craiova, Electrical Engineering Series.
- [13]. Toma, C., Popescu, M., **Constantinescu, M.-D.**, & Buzatu, C. G. (2024). *Remote Communication in the Substation's SCADA System*. Annals of the University of Craiova, Electrical Engineering Series.

[14]. Toma, C.-I., Popescu, M., Popa, I.-C., & **Constantinescu, M.-D.** (2025). *Communication Protocols for Energy Activity Monitoring in Transformer Substations*. International Conference on Electromechanical and Energy Systems (SIELMEN).

[15]. **Constantinescu, M.-D.**, Popescu, M., Lincă, M., Toma, C., & Florin, R. (2025). *Real-Time Implementation of Direct Current Control Strategies for Active Power Filtering Using dSPACE*. International Conference on Electromechanical and Energy Systems (SIELMEN).

[16]. Rusinaru, D., Toma, C., Linca, M., Buzatu, C., Mănescu, L. G., & **Constantinescu, M.-D.** (2025). *Hosting Capacity Assessment for PV Units Integration in the Power Distribution Grids*. International Conference on Electromechanical and Energy Systems (SIELMEN).

[17]. **Constantinescu, M.-D.**, Popescu, M., Lincă, M., Florin, R., & Toma, C. (2025). *Implementation and Experimental Validation of Shunt Active Filter Control Strategies on dSPACE Prototyping System*. Annals of the University of Craiova, Electrical Engineering Series

Data,

29.05.2026

Semnătura,

