

Universitatea: *Academia Tehnică Militară „Ferdinand I”*

Facultatea: Facultatea de Comunicații și Sisteme Electronice pentru Apărare și Securitate

Departament: Departamentul de Comunicații și Tehnologia Informației

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L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Angela Digulescu “*Characterization of Dynamic Phenomena Based on the Signal Analysis in Phase Diagram Representation Domain*”, 2017, Doctorate Degree of **University of Grenoble** Doctoral School for Electronics, Power Systems, Automatic Control and Signal Processing Specialization: Signal, Image, Speech, Telecommunications and the PhD Degree in Technical Sciences of **Military Technical Academy of Bucharest** Faculty of Military Electronic and Informatics Systems Specialization: Electronic Engineering and Telecommunications. Thesis directed by Cornel Ioana and Alexandru Șerbănescu.

B. Cărți și capitole în cărți publicate

- [B1] Nastasiu D., Digulescu A., Comunicații wireless - îndrumar de laborator, București : Editura Academiei Tehnice Militare, 2025, Cod CNCIS 158, ISBN 978-973-640-359-0
- [B2] Stanescu, D., Digulescu, A., Ioana, C., & Serbanescu, A. (2022). On the Existing and New Potential Methods for Partial Discharge Source Monitoring in Electrical Power Grids. In Y.-D. Zhang, T. Senjyu, C. So-In, & A. Joshi (Eds.), Smart Trends in Computing and Communications (Vol. 286, pp. 155–166). Springer Singapore. https://doi.org/10.1007/978-981-16-4016-2_15
- [B3] A. Digulescu-Popescu, Analiza Semnalelor Tranzitorii utilizând Metoda Recurențelor, București : Editura Academiei Tehnice Militare Ferdinand I, 2020, Cod CNCIS 158, ISBN 978-973-640-317-0
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C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. [J1] Nastasiu D., Stanescu D., Digulescu A., Ioana C., Despina-Stoian C., "Early Fault Indicator Through Continuous Surveillance of Transient Phenomena in Power Grid Systems", *IET Smart Grid*, vol. 8, no. 1, p. e12187, Jan. 2025, doi: [10.1049/stg2.70024](https://doi.org/10.1049/stg2.70024)
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D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

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- Selecție cu maximum 20 lucrări în volume de conferințe

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E. Brevete obținute în întreaga activitate

1. [P1] Ioana C., Digulescu A., Stanescu D., *ACTIS - ACtive investigation of Transient using Interferences Sensing*, Declaration of invention reference B38558FR sent on 02/01/2024

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2. [P2] Ioana C., Digulescu A., *Dispositif et système de tomographie des poumons et procédé de tomographie associé*, Patent number: B04845 FR, 03/17/2023
3. [AAP1] Ioana C., Digulescu A., Stanescu D., Sarbu A., *AIMED – Automatic Identification of Modulations using Entropy in phase Diagrams*, Version 1, 14 novembre 2023
4. [AAP2] Ioana C., Digulescu A., *SOFIUS- Software for Flexible Imaging using UltraSounds*, APP Reference: FR.001.230040.000.S.0.2022.000.20900, June 10, 2022.

Data:

Semnătura: