

Lista completă a publicațiilor

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- [1] C. Vlad et al., “Wind turbine emulation using permanent magnet synchronous generator,” 2018 22nd Int. Conf. Syst. Theory, Control Comput. ICSTCC 2018 - Proc., pp. 46–52, Nov. 2018, doi: 10.1109/ICSTCC.2018.8540664.
- [2] C. V. Lungu and B. Hnatiuc, “Influence of the electric discharge and the power supply on the aqueous solution interface parameters,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 591, no. 1, p. 012054, Aug. 2019, doi: 10.1088/1757-899X/591/1/012054.
- [3] L. C. Victor and H. Bogdan, “Cold Plasma Treatment Influence on Aqueous Solution Related to the Electrical Parameters of the Power Supply,” 2019 Int. Conf. Electromechanical Energy Syst. SIELMEN 2019 - Proc., Oct. 2019, doi: 10.1109/SIELMEN.2019.8905791
- [4] Ciprian Vlad, Răzvan Șolea, Marian-Viorel Crăciun, Cristinel-Marius Tanasă, Nicolae Badea, Viorina Clejăneanu, Adrian Zagăr, Cristian-Victor Lungu, Anamaria Ciubară, “Using Machine Learning Methods for Contactless Monitoring of Abnormality in Breathing Patterns”, *BRAIN. Broad Research in Artificial Intelligence and Neuroscience*, Volume 16, Issue 1, pages: 31-49. Submitted: November 12th, 2024 | Accepted for publication: January 5th, 2025

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- [1] C. V. Lungu and B. Hnatiuc, “STUDIUL COMPARATIV AL UNOR SURSE DE ALIMENTARE FOLOSITE PENTRU PRODUCEREA DESCĂRCĂRILOR ELECTRICE DE TIP PLASMĂ RECE”, *Buletinul AGIR* 22 (4/2017), 47 – 51
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- [4] C. V. Lungu and B. Hnatiuc, “Simulation of power supplies used for nonlinear electrical discharges,” *Tech. Rom. J. Appl. Sci. Technol.*, vol. 2, no. 1, pp. 79–84, Jan. 2020, doi: 10.47577/TECHNIUM.V2I1.45.
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[9] C. Vlad and C. V. Lungu, "New developments in small scale wind turbines", *Analele Universității "Dunărea de Jos" din Galați. Fascicula II, Matematică, fizică, mecanică teoretică / Annals of the "Dunarea de Jos" University of Galati. Fascicle II, Mathematics, Physics, Theoretical Mechanics*, vol. 45, no. 2, Art. no. 2, Dec. 2022, pg. 115-121.

[10] C. Vlad and C. V. Lungu, "Considerations regarding PV systems", *Analele Universității "Dunărea de Jos" din Galați. Fascicula II, Matematică, fizică, mecanică teoretică / Annals of the "Dunarea de Jos" University of Galati. Fascicle II, Mathematics, Physics, Theoretical Mechanics*, vol. 45, no. 2, Art. no. 2, Dec. 2022, pg. 126-132.

[11] C. Vlad and C. V. Lungu, "New trends in battery technologies", *Analele Universității "Dunărea de Jos" din Galați. Fascicula II, Matematică, fizică, mecanică teoretică / Annals of the "Dunarea de Jos" University of Galati. Fascicle II, Mathematics, Physics, Theoretical Mechanics*, vol. 45, no. 2, Art. no. 2, Dec. 2022, pg. 80-88.

[12] N. Badea, C. Vlad and C. V. Lungu, "Modelling and Simulation of Grid-connected Inverter," *2023 8th International Symposium on Electrical and Electronics Engineering (ISEEE)*, Galati, Romania, 2023, pp. 180-186, doi: [10.1109/ISEEE58596.2023.10310535](https://doi.org/10.1109/ISEEE58596.2023.10310535).

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