

Lista de Lucrări Relevante

1. Anca Miron; Cziker, A.C.; Beleiu, H.G., *Fuzzy Control Systems for Power Quality Improvement— A Systematic Review Exploring Their Efficacy and Efficiency*. *Applied Sciences - Basel*. 2024, 14, 4468. <https://doi.org/10.3390/app14114468> , WOS:001245470000001;
2. Anca Miron, A. C. Cziker, C. P. Dărab, Ș. Ungureanu and H. G. Beleiu, *Reactive Power Compensation at Consumers Using Fuzzy Logic Control*, 2023 10th International Conference on Modern Power Systems (MPS), Cluj-Napoca, Romania, 2023, pp. 1-6, doi: 10.1109/MPS58874.2023.10187471;
3. Beleiu, HG; Pavel, SG; Birou, IMT ; Miron, Anca; Darab, PC; Sallah, M, *Effects of voltage unbalance and harmonics on drive systems with induction motor*, *Journal of Taibah University of Science* (Impact factor 3,45; Citation indicator 1,18), Volume 16, Issue 1, Page 381-391, DOI:10.1080/16583655.2022.2064670, Published DEC 31 2022, Indexed 2022-04-27, WOS:000783990700001;
4. Anca Miron, Cziker A.C., Ungureanu S., *Fuzzy logic controller for regulating the indoor temperature*, 2021 9th International Conference on Modern Power Systems (MPS), 2021, pp.1-6, doi: 10.1109/MPS52805.2021.9492595, WOS:000941563300038;
5. Anca Miron, A.C. Cziker, H.C. Bogariu, *Knowledge-based system for the analysis of voltage fluctuations and flicker*, Proceedings of 2019 8th International Conference On Modern Power Systems (MPS), 2019, Proceedings Paper, WOS:000612401900024;
6. Anca Miron, Cziker, A.C., Ungureanu, S., Beleiu, H.G., *The impact of multiple small pv units on distribution networks Romanian case-study*, EPE 2020 - Proceedings of the 2020 11th International Conference and Exposition on Electrical And Power Engineering, 2020, pp. 339–344, 9305552;
7. Anca Miron, M. Chindriș, A. Cziker, *Software tool for real-time power quality analysis*, AECE, Advances in Electrical and Computer Engineering, Vol. 3, No. 4, 2013, pp. 125 – 132, ISSN: 1582 – 7445, DOI: 10.4316/AECE.2013.04021;
8. Anca Miron, M. Chindriș, Andreas Sumper, *Monitoring Power Quality in Microgrids Based on Disturbances Propagation Algorithms*, Conference on Interdisciplinary Research in Engineering Steps towards Breakthrough Innovation for Sustainable Development (INTERIN 2013), Cluj-Napoca, Romania, Feb. 25 - Mar 01, 2013, Book Editor(s): Vlaicu, A; Brad, S, Interdisciplinary Research In Engineering: Steps Towards Breakthrough Innovation For Sustainable Development, Book Series: Advanced Engineering Forum, Vol. 8-9, pp. 127-138, DOI: 10.4028/www.scientific.net/AEF.8-9.127;
9. Anca Miron, M. Chindriș, A. Cziker, *Interharmonics Analysis using Fourier Transform and Virtual Instrumentation*, The 10th Jubilee International Conference EPQU 2009, Electrical Power Quality and Utilization, 15 – 17 septembrie, Lodz 2009, Polonia, paper 65, IEEE Catalog Nb. CFP0930C-CDR, ISBN: 978-1-4244-5172-2;
10. Anca Miron, A. Cziker, M. Chindriș, *Propagation of conducted electromagnetic disturbances in distribution power grids*, Acta Electrotechnica, Cluj – Napoca, 2010, Vol. 51, Nr. 5, pag. 265-270, ISSN: 1841 – 3323.