# Lista lucrărilor relevante (conf.dr.ing. FRIGURA-ILIASA Flaviu Mihai)

1. VĂTĂU Doru, ANDEA Petru, **FRIGURA-ILIASA Flaviu Mihai**, ŞURIANU Flavius Dan, KILYENI Anamaria, BĂRBULESCU Constantin "Overvoltage Protection Systems for Low Voltage and Domestic Electric Consumers", MELECON 2010, the 15th Mediterranean Electrotechnical Conference, pag. 1394-1397, Valletta, Malta, 978-1-4244-5795-3/10, 25 aprilie 2010, Indexare ISI

2. VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, BĂRBULESCU Constantin, MUŞUROI Sorin, „A Few Aspects Concerning the On-voltage Working Techniques Applied at S.T. Timişoara, as a Way of Reducing All Maintenance Costs and to Increase the Availability of the Power Lines", Proceedings of the 8th WSEAS International Conference on Power Systems (PS 2008), pag. 34-39, Santander, Cantabria, Spain ISSN 1790-5117, ISBN 978-960-474-006-2, 2008, 23-25 septembrie, Indexare ISI

3. VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, BĂRBULESCU Constantin, MUŞUROI Sorin, „On-line Control of a Power Process. Fuzzy-Logic Applications", Proceedings of the 8th WSEAS International Conference on Power Systems (PS 2008), pag. 277-280, Santander, Cantabria, Spain, ISSN 1790-5117, ISBN 978-960-474-006-2, 2008, 23-25 septembrie, Indexare ISI

4. JUDE Alexandru, EHEGARDNER Petru, ANDEA Petru, VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai,** „Power Quality Control on the Romanian Energy Market", Proceedings of the 11th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS'09), Pag. 413-418, Istanbul, Turkey, 978-960-474-082-6,2009,30 mai-1 iunie, Indexare ISI

5. EHEGARDNER Petru, JUDE Alexandru, ANDEA Petru, VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, „A Model Concerning the High Voltage Systems Impact on the Environment inside a Romanian Power Substation", Proceedings of the 11th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS'09), Pag. 419-424, Istanbul, Turkey 978-960-474-082-6, 2009, 30 mai - 1 iunie, Indexare ISI

6. MATIU-IOVAN Liliana, **FRIGURA-ILIASA Flaviu Mihai,** RANCOV Sorin, „A Cubic B-Spline Interpolation Algorithm that Uses the First Derivative Values of the Input Function in the Knots", Proceedings of the 36$^{th}$ International Conference on Telecommunications and Signal Processing, TSP 2013, Pag.709-712, Rome, Italy, ISBN 978-1-4799-0403-7, ISSN 1805-5435, 2-4 iulie 2013, Indexare ISI

7. MUELEC Gheorghe, VASIU Radu, **FRIGURA-ILIASA Flaviu Mihai**, „Distributed flow controller for mobile ad-hoc networks", Proceedings of the 8$^{th}$ International Symposium on Applied Computational Intelligence and Informatics (SACI 2013), Pag. 143-146, **ISBN** 978-1-4673-6400-3; 978-1-4673-6397-6, 23-25 mai 2013, Timisoara, Romania, Indexare ISI

8. Liliana MÂŢIU-IOVAN, **FRIGURA-ILIASA Flaviu Mihai,** POPA Cristian Mihai, ZENG Eva, „Determining the Coefficients in B-spline Interpolation by Using the Second Derivative", Proceedings of IEEE-EUROCON 2007, the International Conference on „Computer as a Tool", pag. 142-145, Warszaw, Poland, ISBN 1-4244-0813, 2007, 9-12 septembrie, Indexare ISI

9. ŞURIANU Flavius Dan, ANDEA Petru, VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, BĂRBULESCU Constantin, BORLEA Ioan, „Measurements and Numerical Simulation for Induced Voltages on the 220 kV Double Circuit Aerial Power Line Having a Passive Circuit", Proceedings of IEEE-EUROCON 2007, the International Conference on „Computer as a Tool", pag. 2150-2153, Warszaw, Poland, ISBN 1-4244-0813, 2007, 9-12 septembrie, Indexare ISI

10. MUŞUROI Sorin, VĂTĂU Doru, ANDEA Petru, ŞURIANU Flavius Dan, **FRIGURA-ILIASA Flaviu Mihai**, BĂRBULESCU Constantin, „Analysis of the Magnetic Losses from the Induction Machines Supplied by Inverters „, Proceedings of IEEE-EUROCON 2007, the International Conference on „Computer as a Tool", pag. 1800-1809, Warszaw, Poland ,ISBN 1-4244-0813, 2007, 9-12 septembrie, Indexare ISI