

Lista lucrărilor

Candidat: **Conf. dr.ing. FRIGURĂ-ILIASA Flaviu Mihai**

A. Lucrări relevante (10 extrase):

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. Timișoara, 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 36th 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 8th International Symposium on Applied Computational Intelligence and Informatics (SACI 2013), Pag. 143-146, 978-1-4673-6400-3; 978-1-4673-6397-6, 23-25 mai 2013, Timisoara, Romania, Indexare ISI

8. Liliana MĂȚIU-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, Warsaw, Poland, ISBN 1-4244-0813, 2007, 9-12 septembrie, Indexare ISI
9. ȘURIANU Flavius Dan, ANDEA Petru, VĂȚĂU 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, Warsaw, Poland, ISBN 1-4244-0813, 2007, 9-12 septembrie, Indexare ISI
10. MUȘUROI Sorin, VĂȚĂU Doru, ANDEA Petru, ȘURIANU 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, Warsaw, Poland, ISBN 1-4244-0813, 2007, 9-12 septembrie, Indexare ISI

B. Teza de doctorat

“Contribuții la studiul ameliorării performanțelor energetice ale echipamentelor de protecție contra supratensiunilor care utilizează varistoare pe bază de ZnO”, susținută public la data de 10.11.2001, coordonator științific Prof.dr.ing. Alexandru Vasilievici

C. Articole publicate în reviste de specialitate, cotate ISI

1. MUNTEANU Florentin, **FRIGURA-ILIASA Flaviu Mihai**, CAZACU Emil, „About Establishing the Functional Limits of a ZnO Varistor Based Surge-Arrester”, Academie Roumaine – Revue Roumaine des Sciences Techniques, serie Electrotechnique et Electroenergetique ISSN 0035 – 4066, 2007, Tome 52, no.4 Octobre – Decembre 2007
2. OLARESCU Nicola, MUSUROI Sorin, SORANDARU Ciprian, **FRIGURA-ILIASA Flaviu Mihai**, "Scalar control systems with permanent magnet synchronous motors with sinusoidal current control. Calculation of speed controller parameters" Academie Roumaine – Revue Roumaine des Sciences Techniques, serie Electrotechnique et Electroenergetique ISSN 0035 – 4066, 2012, Tome 57, no.1 Janvier – Mars 2012
3. **FRIGURA-ILIASA Flaviu Mihai**, RANCOV Sorin, BUNGESCU Sorin, „AUTOMATIC CONTROL OF A CEREAL CONVEYOR BANDS”, AKTUALNI ZADACI MEHANIZACIJE POLJOPRIVREDE (Actual Tasks on Agricultural Engineering-Zagreb, Croatia), publicată și în Proceedings of the 42nd International Symposium on Agricultural Engineering, Opatija, Croatia, 24-25 februarie 2014 ISSN 1848-4425, 2014, Volume: 42, Pages: 327-334

Articole publicate în reviste de specialitate, cotate alte BDI

1. Andea Petru, **FRIGURA-ILIASA Flaviu Mihai**, „Considerations about the Forces Applied to Electric Conductors Located Close to Ferromagnetic Walls”, Buletinul AGIR, 1224-7928, 2012, pp155-159, Google Scholar
2. **FRIGURA-ILIASA Flaviu Mihai**, BUNGESCU Sorin, „Digitally controlled cereal transporter” Research Journal of Agricultural Science, 2066-1843, 2009 Vol. 41 nr.2, pp. 427-431, Google Scholar

D. Articole publicate in volumele unor manifestari stiintifice (proceedings, cotate ISI)

1. 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 ISBN 978-960-474-082-6, 2009, 30 mai - 1 iunie
2. 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 ISBN 978-960-474-082-6 , 2009, 30 mai - 1 iunie
3. BIRIESCU Marius, **FRIGURA-ILIASA Flaviu Mihai**, ANDEA Petru, EHEGARTNER Petru, MOGA Mihai, „A Few Aspects About Increasing the Thermal Stability of Low Voltage ZnO Based Varistors”, Proceedings of the EUROCON 2009, International IEEE Conference, Vol 1-4, pag. 1598-1603, Sankt Petersburg, Rusia 978-1-4244-3967-6, 2009, 18-23 mai
4. VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, BĂRBULESCU Constantin, MUȘUROI Sorin, „A Few Aspects Concerning the On-voltage Working Techniques Applied at S.T. Timișoara, 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
5. VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, BĂRBULESCU Constantin, MUȘUROI 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
6. **FRIGURA-ILIASA Flaviu Mihai**, BIRIESCU Marius, MADESCU Gheorghe, MOȚ Marțian, GRANDO Ioan, „A Few Aspects Concerning the Technical Solutions Applied for Control of Excitation in Synchronous Generators across Romania”, Proceedings of the 10th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS'08), pag.102-107, Istanbul, Turkey ISBN: 978-960-6766-63-3, ISSN: 1790-5117, 2008, 27-30 mai
7. **FRIGURA-ILIASA Flaviu Mihai**, FRIGURĂ-ILIASA Mihaela, MĂȚIU-IOVAN Liliana, VĂTĂU Doru „A Few Aspects Concerning the Modelling of Thermal Stability Control for a Low Voltage ZnO Varistor”, Proceedings of the 10th WSEAS International Conference on AUTOMATIC CONTROL, MODELLING & SIMULATION (ACMOS'08), pag.96-101, Istanbul, Turkey, ISBN: 978-960-6766-63-3, ISSN: 1790-5117, 2008, 27-30 mai
8. Liliana MĂȚIU-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, Warsaw, Poland ISBN 1-4244-0813, 2007, 9-12 septembrie

9. ȘURIANU Flavius Dan, ANDEA Petru, VĂȚĂU 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, Warsaw, Poland, ISBN 1-4244-0813 2007, 9-12 septembrie
10. MUȘUROI Sorin, VĂȚĂU Doru, ANDEA Petru, ȘURIANU 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, Warsaw, Poland, ISBN 1-4244-0813, 2007, 9-12 septembrie
11. **FRIGURA-ILIASA Flaviu Mihai**, POPA Cristian, MĂȚIU-IOVAN Liliana, VĂȚĂU Doru, „A Case Study about Mass Production of a Low-Voltage Domestic Surge-Arrester”, Proceedings of the 5th International Conference on the Management of Technological Changes, pag. 457-464, Alexandroupolis, Grecia, ISBN: 978-960-8932-0-5, 978-960-8932-2-9, 2007, 25-26 august
12. **FRIGURA-ILIASA Flaviu Mihai**, POPA Cristian, MĂȚIU-IOVAN Liliana, VĂȚĂU Doru, „A Few Aspects Concerning the Real Time Predictive Maintenance of High Voltage Equipment”, Proceedings of the 5th International Conference on the Management of Technological Changes, pag. 355-361, Alexandroupolis, Grecia, ISBN: 978-960-8932-0-5, 978-960-8932-2-9, 2007, 25-26 august
13. MUNTEANU Florentin, **FRIGURA-ILIASA Flaviu Mihai**, FRIGURA-ILIASA Mihaela, „Tools for Computer Aided Design of High Voltage Switching Devices”, Proceedings of the 5th International Conference on the Management of Technological Changes, pag. 101-106, Alexandroupolis, Grecia, ISBN: 978-960-8932-0-5, 978-960-8932-2-9, 2007, 25-26 august
14. MUNTEANU Florentin, **FRIGURA-ILIASA Flaviu Mihai**, FRIGURA-ILIASA Mihaela, „New Manufacturing Technology Developed for Low Voltage ZnO Based Varistors”, Proceedings of the 5th International Conference on the Management of Technological Changes, pag. 95-100, Alexandroupolis, Grecia, ISBN: 978-960-8932-0-5, 978-960-8932-2-9, 2007, 25-26 august
15. VĂȚĂU Doru, ANDEA Petru, **FRIGURA-ILIASA Flaviu Mihai**, ȘURIANU 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, 2010, 25 aprilie
16. 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 36th 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
17. MUELEC Gheorghe, VASIU Radu, **FRIGURA-ILIASA Flaviu Mihai**, „Distributed flow controller for mobile ad-hoc networks”, Proceedings of the 8th 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

18. MATIU-IOVAN Liliana, **FRIGURA-ILIASA Flaviu Mihai**, „Algorithms of cubic B-spline interpolation extended for $m > 2$ ”, Proceedings of the 8th International Symposium on Communication Systems, Networks and Digital Signal Processing (CSNDSP) 978-1-4577-1471-9, 2012, 18-20 July
19. VATAU Doru, SVOBODA Marcus, **FRIGURA-ILIASA Flaviu Mihai**, PADEANU Laurentiu, CARSTEA Larisa, „Automatic System for High Voltage Substation Electromagnetic Field Effects Evaluation”, Proceedings of the 10th International Conference on Digital Technologies, Zilina, Slovakia, pp. 350-355, 978-1-4799-3303-7, 2014, 9-11 iulie

E. Articole publicate in volumele unor manifestari stiintifice (proceedings), cotate in alte BDI

1. VATAU Doru, **FRIGURA-ILIASA Flaviu Mihai**, RANCOV Sorin, ”High Voltage Substation Electromagnetic Field Component Measured Values Analysis. Sibiu Sud Substation Case Study”, 12th International Conference on Environment and Electrical Engineering, IEEEIC 2013, Wroclaw, Poland, 978-1-46733058-9, 2013, 5-8 mai, **SCOPUS**
2. VATAU D, SURIANU Flavius Dan, MUSUROI Sorin, **FRIGURA-ILIASA Flaviu Mihai**, PROSTEAN Octavian, „220 kV and 400 kV Power Plant Electromagnetic Pollution Analysis”, IEEE- EUROCON - International Conference on Computer as a Tool, 2011, 978-1-4244-7486-8, 2011, 27-29 aprilie, **IEEE Explore**
3. **FRIGURA-ILIASA Flaviu Mihai**, MIHET-POPA Lucian, BĂRBULESCU Constantin, „Heat Dissipation Improvement for ZnO Based Varistors”, ICHQP 2010, the 14th International Conference on Harmonics and Quality of Power, Bergamo, Italy, 978-1-4244-7245-1/10, 2010, 26-29 septembrie, **IEEE Explore**
4. **FRIGURA-ILIASA Flaviu Mihai**, DAN Petru Cristian, MIHET-POPA Lucian, VĂTĂU Doru, „A Few Aspects Concerning the Thermal Connection of ZnO Based Varistors”, UPEC 2010, the 45th International Universities' Power Engineering Conference, Cardiff, Wales, Marea Britanie, paper F4-10, 111 978-0-9565570-1-8 2010 31 august - 3 septembrie, **IEEE Explore**
5. **FRIGURA-ILIASA Flaviu Mihai**, VATAU Doru, VUC Gheorghe, GRECONICI M., VARTOSU A., „Hydrogenerators Refurbishment within Romanian Power System”, 3rd IEEE International Symposium on Exploitation of Renewable Energy Sources (EXPRES), 978-1-4577-0097, 2011, 11-12 martie, **IEEE Explore**
6. FRIGURA-ILIASA Mihaela, SOLOMONESC Florin Claudiu, **FRIGURA-ILIASA Flaviu Mihai**, ANDEA Petru, „A Few Aspects Concerning a New Varistor Material for Low and Medium Voltage Surge Arresters”, UPEC 2010, the 45th International Universities' Power Engineering Conference, Cardiff, Wales, Marea Britanie, paper F4-12, 978-0-9565570-1-8, 2010, 31 august - 3 septembrie, **IEEE Explore**
7. MULEC G., VASIU R., **FRIGURA-ILIASA Flaviu Mihai**, VATAU D., „WLAN Security Performance Study”, 10th WSEAS International Conference on EHAC, Cambridge, UK 978-960-474-276-9, 2011, 20-22 februarie **SCOPUS**
8. **FRIGURA-ILIASA Flaviu Mihai**, BENCHE G., SOLOMONESC F., ANDEA P. „MadeInTime - RealTime Operating System Applied for Power Quality Analysis”, 10th WSEAS International Conference on EHAC, Cambridge, UK, 978-960-474-276-9, 2011, 20-22 februarie , **SCOPUS**

9. Vatau Doru, Surianu Flavius Dan, Olariu Adrian Flavius, **FRIGURA-ILIASA Flaviu Mihai**, „Power Facilities Environmental Impact. Neuro Fuzzy Methods Approach”, Proceedings of European Computing Conference ECC'11, Paris, France, April 28-30, 2011, pag. 164-170, ISBN 978-960-474-297-4, 2011, April 28-30, **IEEE Explore**
10. PADEANU Laurentiu, **FRIGURA-ILIASA Flaviu Mihai**, SVOBODA Marcus, ANDEA Petru, „Human machine interface for a SCADA system applied on a district heating power plant”, Information and Digital Technologies (IDT), 2015 International Conference on, 978-1-4673-7185-8, 2015, 7-9 July
11. LITCANU Marcela, ANDEA Petru, **FRIGURA-ILIASA Flaviu Mihai**, „Fuzzy logic controller for permanent magnet synchronous machines”, Applied Machine Intelligence and Informatics (SAMI), 2015 IEEE 13th International Symposium on, 978-1-4799-8221-9, 2015, 22-24 Jan
12. SVOBODA M., **FRIGURA-ILIASA Flaviu Mihai**, MUSUROI S., SORANDARU C., „The implementation of the fuzzy logic controller for permanent magnet synchronous machines”, IEEE EuroCon 2013; Zagreb, Croatia, 978-146732232-4, 2013, 1-4 July
13. **FRIGURA-ILIASA Flaviu Mihai**, FRIGURA-ILIASA Mihaela, Guran E. „Power Quality Monitoring Software and Hardware for a Romanian Power Station", Proceedings of the Section of Young Researchers and Scientists (SYRAS) on the 10th International Conference on Digital Technologies 2014, 978-80-971694-0-4, 9-12 July
14. SVOBODA M., MATIU-IOVAN Liliana, **FRIGURA-ILIASA Flaviu Mihai**, ANDEA Petru, „B-spline interpolation technique for digital signal processing”, Information and Digital Technologies (IDT), 2015 International Conference on, 978-1-4673-7185-8, 2015, 7-9 July
15. PADEANU Laurentiu, **FRIGURA-ILIASA Flaviu Mihai**, VATAU Doru, MOT Martian, „Virtual instrumentation system for training in the field of the influence of Power Equipment on Telecommunication Lines”, Information Technology Based Higher Education and Training (ITHET), 2015 International Conference on, 978-1-4799-1755-6, 2015, 11-13 June
16. PATRASCU Cornel, VATAU Doru, **FRIGURA-ILIASA Flaviu Mihai**, „On-line air quality assessment virtual laboratory”, Information Technology Based Higher Education and Training (ITHET), 2015 International Conference on, 978-1-4799-1755-6, 2015, 11-13 June
17. IACOBICI-LUCA Nicolae, **FRIGURA-ILIASA Flaviu Mihai**, VATAU Doru, ANDEA Petru, „Software and hardware equipment power quality monitoring inside a transelectrica high voltage power station”, Applied Machine Intelligence and Informatics (SAMI), 2015 IEEE, 13th International Symposium on, 978-1-4799-8221-9, 2015, 22-24 Jan
18. IACOBICI-LUCA Nicolae, **FRIGURA-ILIASA Flaviu Mihai**, VATAU Doru, ANDEA Petru, „Monitoring system dedicated for the assessment of the electromagnetic field parameters on a Transelectrica-Romania power station”, Information and Digital Technologies (IDT), 2015 International Conference on 978-1-4673-7185-8, 2015, 7-9 July

F. Brevete de inventie

1. **FRIGURA-ILIASA Flaviu Mihai**, TITIȚĂZAN Octavian Titus, „Varistor cu capacitate mărită de limitare a supratensiunilor”, Nr. brevet RO 117052 B, din 10.iun 1999

G. Carti de specialitate publicate la edituri din tara

1. **FRIGURA-ILIASA Flaviu Mihai**, „Masurarea marimilor electrice si neelectrice”, Editura Orizonturi Universitare Timișoara, 978-973-638-564-3, 2014, 210 pagini
2. ANDEA Petru, **FRIGURA-ILIASA Flaviu Mihai**, Alexandru VASILIEVICI, „Echipamente electrice”, Editura Mirton, Timisoara, 978-973-52-1492-0, 2014, 386 pag.
3. **FRIGURA-ILIASA Flaviu Mihai**, VĂTĂU Doru, „Elemente moderne de materiale și tehnologii pentru electrotehnică”, Editura Orizonturi Universitare Timișoara, 978-973-638-396-0, 2009, 204 pagini
4. VĂTĂU Doru, **FRIGURA-ILIASA Flaviu Mihai**, ȘURIANU Flavius-Dan, CAMBRONNE Jean-Pascal, „Considerations sur la qualité de l'énergie électrique”, Editura Orizonturi Universitare, Timișoara, (10) 973-638-300-8, (13) 978-973-638-300-7, 2008, 135 pagini
5. VĂTĂU Doru, CAMBRONNE Jean-Pascal, **FRIGURA-ILIASA Flaviu Mihai**, CHOYLEV Nicola, ȘURIANU Flavius Dan, ILIEV Ilya, URSA Liliana-Dana, „Matériaux pour le Génie Electrique”, Editura Orizonturi Universitare Timișoara, (10) 973-638-199-4, (13) 978-973-638-199-7, 2005, 102 pagini
6. **FRIGURA-ILIASA Flaviu Mihai**, „Stabilitatea termică a varistoarelor pe bază de ZnO. Aplicații la joasă tensiune”, Editura Orizonturi Universitare, Timișoara, ISBN 973-8391-03-2, 2002, 239 pagini

H. Culegeri de probleme, indrumatoare de laborator/aplicatii si proiectare

1. VASILIEVICI Alexandru, ANDEA Petru, **FRIGURA-ILIASA Flaviu Mihai**, „Aparate și echipamente electrice. Aplicații”, Editura Orizonturi Universitare Timișoara, ISBN 973-8391-60-1, 2002, 295 pagini
2. BLAGA P., MINCIUC E., TEMNEANU M., DONCIU C., IONEL I., LELEA D., **FRIGURA-ILIASA Flaviu Mihai**, „Masurarea marimilor electrice si neelectrice”, Editura Academiei Oamenilor de Stiinta din Romania, 978-606-8371-17-7, 2011, 145 pagini

Lista granturilor /contractelor de cercetare internationale, obtinute prin competitie

Nr. crt.	Echipa de cercetare	Tip grant (proiect)	Denumire grant (proiect)	Nr. grant (proiect) / An	Valoare grant (proiect) [€]	Nr. ani	Beneficiar	Poziția în cadrul echipei	
								Director	Membru
1	CIBU-BUZAC Raluca, FRIGURA-ILIASA Flaviu Mihai, MATIU-IOVAN Liliana, COROIU Felicia, VATAU Doru, FARBAS Nicolae, POP Ana, FRIGURA-ILIASA Mihaela, ALBU Adriana, VLADUT Dana, VASIU Radu, STEFEA Petru, MUNTEANU Valentin	PHARE CBC	BROKINNOVOUCHER - Sprijin pentru cooperarea si inovarea intreprinderilor mici si mijocii din zona Romania-Ungaria	018 / 446.01	161000	2	U.P.T., intreprinderi din Romania si Ungaria	DA	NU
2	Bui Ai, Ionescu Florin, Vasilevici Alexandru, Moldovan Lucian, Buta Adrian, Vatau Doru, FRIGURA-ILIASA Flaviu Mihai	INCO-Copernicus	HIPOVAR, Varistance haute puissance a base d'oxyde de zinc	15-CT96-0749/1997	20,000	3	U.P. din Timișoara; U.P.S. din Toulouse; U.P. Bucuresti	NU	DA
3	VĂTĂU Doru, FRIGURA-ILIASA Flaviu Mihai, ȘURIANU Flavius Dan, ILYEV Iliia, CAMBRONNE Jean-Pascal	AUF	Modélisation et caractérisation des propriétés thermiques dans des fluides contenant des nano inclusions anisotropes de forme différente	6301PS52 1/2007	12,000	2	U.P. din Timișoara; U.P.S. din Toulouse; U.T.C.M. din Sofia.	NU	DA
4	VĂTĂU Doru, FRIGURA-ILIASA Flaviu Mihai, ȘURIANU Flavius Dan, CHOYLEV Nicola	AUF	La qualité de l'énergie électrique transférée entre l'Europe de l'Est et l'Europe de l'Ouest	01PS426/2007	14,000	2	U.P. din Timișoara; U.P.S. din Toulouse; U.T.C.M. din Sofia.	NU	DA
5	Vatau Doru, FRIGURA-ILIASA Flaviu Mihai Surianu Flavius Dan, Cambronne Jean Pascal, Choylev Nicolas, Ursa Dana, Iliia Iliiev	AUF	Système de formation continue par la recherche dans le domaine de la maintenance des installations électriques	A.U.F.- 6301PS32 0 (2005/2007)	14,000	2	U.P. Timisoara, U.P.S. Toulouse, U.T.C.M. Sofia, F.R.G. Timisoara	DA	NU
6	FRIGURA-ILIASA Flaviu Mihai	AUF	Grant pour Perfectionnement et formation individuelle dans le domaine des materiaux électriques	02201PF3 80/2005	2,400	1	Universite PAUL SABATIER Toulouse	NU	DA

Lista granturilor /contractelor de cercetare nationale, obtinute prin competitie

Nr. crt.	Echipa de cercetare	Tipul grantului	Denumirea grant (proiect)	Nr. grant (proiect) / An	Valoare grant (proiect) [€]	Nr. de ani	Beneficiar	Poziția în cadrul echipei	
								Director	Membru
1	FRIGURA-ILIASA Flaviu Mihai, POPA Cristian, MĂȚIU-IOVAN Liliana, ZENG Eva	CEEX	îmbunătățirea performanțelor funcționale ale echipamentelor de protecție împotriva supratensiunilor cu varistoare pe baza de ZnO pentru aplicații la joasă tensiune	ET33 5908-18.09.20 06/2008	28,400	3	U.P.T.	DA	NU
2	BIRIESCU Marius, MOȚ Marțian, FRIGURA-ILIASA Flaviu Mihai	PNCIDI	GENEX - Studiul excitației generatoarelor sincrone	21040/20 07/2009	30,000	2	U.P.T., U.E.M., Univ. Craiova	NU	DA

Lista contactelor de cercetare/consultanta de minimum 2000 Euro

Nr. crt.	Echipa de cercetare	Denumirea contractului	Nr. contract / An	Valoare contract [€]	Nr. ani	Beneficiar	Poziția în cadrul echipei	
							Director	Membru
1	Moga M., Surianu F.D., Vuc G., FRIGURA-ILIASA Flaviu Mihai. s.a.	Asistență tehnică pentru traducerea și redactarea documentațiilor tehnice referitoare la echipamentele destinate stațiilor electrice de 400 kV	625/02.04.2001 AD1/09.01.2002	49400	3	CONEL STD Timisoara	NU	DA
2	Moga M., Surianu F.D., Vuc G., FRIGURA-ILIASA Flaviu Mihai. s.a.	Asistență tehnică pentru traducerea și redactarea documentațiilor tehnice referitoare la echipamentele destinate stațiilor electrice de 400 kV	94/23.06.2004 AD1: 2005	35700	3	TRANSELECTRICA STD Timisoara	NU	DA
3	FRIGURA-ILIASA Flaviu Mihai, VĂTĂU Doru, ȘURIANU Flavius Dan, MOGA Mihai	Evaluarea viabilității sistemelor de securitate și de tip SCADA aplicabile în cazul rețelelor de termoficare	87/ 26.05.2008	2121	1	S.C. ELSACO Electronic S.R.L. Bucuresti	DA	NU
4	FRIGURA-ILIASA Flaviu Mihai, VĂTĂU Doru, ȘURIANU Flavius Dan	Inercarea a 18 buc. DRV-uri	36/2005	2207	1	S.C. SMART S.A.	NU	DA
5	FRIGURA-ILIASA Flaviu Mihai, VĂTĂU Doru, ȘURIANU Flavius Dan	Verificarea caracteristicilor statice ale unui lot de microîntrerupbare electrice de joasa tensiune	1205 / 2003	2268	1	TRANSELECTRICA STD Timisoara	NU	DA
6	FRIGURA-ILIASA Flaviu Mihai, coordonator, precum si alții, conform listei: http://www.colterm.ro/application/media/upload/user/files/termoficare/m/termoficare/m/experti.html	„Re tehnologizarea sistemului centralizat de termoficare din Municipiul Timișoara în vederea conformării la normele de protecția mediului privind emisiile poluante în aer și pentru creșterea eficienței în alimentarea cu căldură urbană”	POS MEDIU, Axa Prior. 3 SMIS 16828	58.346.720	3	COLTERM S.A. Timisoara	DA	NU