

Listă lucrări Alexandru-Mihnea Spiridonică

A. Cărți:

a. **Cercetări privind aplicații ale procesării statistice a semnalelor în asigurarea calității industriale**, ISBN: 978-973-621-394-6, Ed.Politehniun, Iași, 2012

b. **Probabilități și Statistica Matematică – Aplicații în Matlab și Microsoft Excel**, ISBN: 978-973-621-397-7, Ed.Politehniun, Iași, 2013

B. Articole:

Articole indexate ISI Thomson Reuters Web of Knowledge:

a. **Spiridonică Alexandru-Mihnea**, Stoleriu Iulian - A Statistical Analysis of Intoxication with Hallucinogenic Effect Substances, Proceedings of 2011 7th International Symposium On Advanced Topics In Electrical Engineering, pp.1-5, IEEE Computer Society Press;

b. **Spiridonică Alexandru-Mihnea**, Stoleriu Iulian, Ciobanu Romeo Cristian - A Fuzzy Approach Regarding The Analysis Of Wine Production Depending On Different Environmental Parameters Based On Statistical Signal Processing, 12th International Conference on Optimization of Electrical and Electronic Equipment, Brasov, Romania, 2011, pp. 843 – 850, IEEE Computer Society Press.

În continuare sunt prezentate toate articolele publicate, inclusiv cele două articole enumerate mai sus, care sunt indexate ISI Thomson Reuters Web of Knowledge:

1. Proceedings of the 7th International Conference of Electromechanical and Power Systems, SIELMEN 2009, Iasi, Romania, 2009

I. **Spiridonică Alexandru-Mihnea**, Pîslaru Marius, Feraru Adrian, Rusei Răzvan - Neuro-fuzzy support in decision making with application in human resources management

II. **Spiridonică Alexandru-Mihnea**, Pîslaru Marius, Ciobanu Romeo Cristian - Applications of statistical signal processing in metrology

III. Plopa Olga, **Spiridonică Alexandru-Mihnea**, Pîslaru Marius, Rusei Răzvan- A making-decision system based on fuzzy rules for quality assurance in production process

IV. Feraru Adrian, Ciobanu Romeo Cristian, **Spiridonică Alexandru-Mihnea** - Applications of dielectric measurements – evaluation of comparative methods for the food products quality control

2. The 52nd Scientific Conference: Ecological agriculture - priorities and perspectives, organised by Faculty of Agriculture, USAMV Iasi, Iasi, Romania, 2009

I. **Spiridonică Alexandru-Mihnea**, Feraru Adrian, Manolică Nicușor - Using the NetBill e/commerce protocol for increased security in online transactions (Lucrări științifice - vol. 52, 2009, seria Agronomie, **revistă cotate B+**, indexată Copernicus International)

II. Feraru Adrian, **Spiridonică Alexandru-Mihnea**, Manolică Nicușor - Comparative evaluation of analysis methods for cereals quality control (Lucrări științifice - vol. 52, 2009, seria Agronomie, **revistă cotate B+, indexată Copernicus International**)

III. Seliman Cătălina, **Spiridonică Alexandru-Mihnea** - An analyze of the spas in the botanical garden for determination of the origin and quality of the water used by the people living in the area (Lucrări științifice - vol. 52, 2009, seria Agronomie, **revistă cotate B+, indexată Copernicus International**)

3. Proceedings of the 5th International Conference of Metrology and Measurement systems, METSIM 2009, Bucharest, Romania, 2009

I. **Spiridonică Alexandru-Mihnea**, Ciobanu Romeo Cristian - The use of statistical signal processing in temperature analysis in order to assure an optimal development of a vineyard

4. OPTIM 2010 – 12th International Conference on Optimization of Electrical and Electronic Equipment, Brasov, Romania, 2010

I. **Spiridonică Alexandru-Mihnea**, Stoleriu Iulian, Ciobanu Romeo Cristian - A fuzzy approach regarding the analysis of wine production depending on different environmental parameters based on statistical signal processing (lucrare indexată în ISI Thomson Reuters Web of Knowledge)

5. 10th International Conference on Development and Application Systems, Suceava, Romania, 2010

I. **Spiridonică Alexandru-Mihnea**, Pîslaru Marius - The use of fuzzy modeling regarding the assurance of environmental protection

II. **Spiridonică Alexandru-Mihnea**, Pîslaru Marius, Ciobanu Romeo Cristian - A fuzzy approach regarding the optimization of statistical process control through Shewhart control charts

III. Pîslaru Marius, Trandabăț, Schreiner Cristina, **Spiridonică Alexandru-Mihnea** - Fuzzy model for sustainability assurance related to environmental protection

6. 6th International Conference on Electrical and Power Engineering, Iasi, Romania, 2010

I. **Spiridonică Alexandru-Mihnea**, Pruteanu Andrei, Ursan George-Andrei, Elges Astrid - A MATLAB application for managing the variation of industrial processes using the process capability indices

II. **Spiridonică Alexandru-Mihnea**, Stoleriu Iulian, Ursan Maria, Elges Astrid - A MATLAB application regarding a new method for estimating the limits of statistical control charts -

III. **Spiridonică Alexandru-Mihnea**, Pîslaru Marius, Ursan George-Andrei, Elges Astrid - The optimization of services quality in a distribution and repairing company of hardware components based on fuzzy modeling

IV. Pîslaru Marius, **Spiridonică Alexandru-Mihnea**, Trandabăț Alexandru, Astărăstoae Daniela - Fuzzy logic for quality service assurance - case study

V. Ciurea Dan, Rusei Răzvan, Pîslaru Marius, **Spiridonică Alexandru-Mihnea** - Quality management assessment regarding an enterprise

VI. Ursan Maria, Stan Andrei Cătălin, Ursan George-Andrei, **Spiridonică Alexandru-Mihnea**, Astărăstoae Daniela - Labview application for wireless modems communication and testing

VII. Ursan George-Andrei, Ursan Maria, Pruteanu Andrei, **Spiridonică Alexandru-Mihnea** - Virtual simulation of the automotive board

VIII. Ursan George-Andrei, Ursan Maria, Vremeră Emil, **Spiridonică Alexandru-Mihnea** - System for monitoring the temperature inside vehicle, based on CAN protocol

7. The 53rd Scientific Conference organised by Faculty of Agriculture, USAMV Iasi, Romania, 2010

I. **Spiridonică Alexandru-Mihnea**, Pîslaru Marius - The assurance of security of electronic voting through the use of secrets sharing schemes and benaloh electronic voting scheme (Lucrări științifice - vol. 53, Nr. 2/2010, seria Agronomie, pp.389-394, **revistă cotate B+, indexată Copernicus International**)

8. 7th International Symposium On Advanced Topics In Electrical Engineering, Bucuresti, 2011

I. **Spiridonică Alexandru-Mihnea**, Stoleriu Iulian - A Statistical Analysis of Intoxication with Hallucinogenic Effect Substances (lucrare indexată în ISI Thomson Reuters Web of Knowledge)

9. ELS 2011 – 4th International Symposium on Electrical Engineering and Energy Converters, Suceava, Romania, 2011

I. **Spiridonică Alexandru-Mihnea**, Iftime Cornel - Wind data acquisition and processing for optimal decisions in wind farms projects development (Buletinul AGIR Nr.4/2011, pp.185-190, **revistă cotate B+, indexată Copernicus International**)

10. Buletinul Institutului Politehnic Iasi – Tomul LVII (LXI), Fasciculul 3, 2011, Sectia Electrotehnică, Energetică, Electronică (revistă cotate B+, indexată Copernicus International)

I. **Spiridonică Alexandru-Mihnea**, Feraru Adrian - An application based on fastica algorithm for separation of two or more correlated and uncorrelated signals (**revistă cotate B+, indexată Copernicus International**)

II. Feraru Adrian, **Spiridonică Alexandru-Mihnea** – Dielectric measurements applications in food industry – nitrates and nitrites content determination (**revistă cotate B+, indexată Copernicus International**)

11. The 54th International Scientific Conference organized by Faculty of Agriculture, USAMV Iasi, Iasi, Romania, 2011

I. **Spiridonică Alexandru-Mihnea** - The use of statistical process control in pharmaceuticals industry (Lucrări științifice - vol. 54, Nr. 1/2011, seria Agronomie, pp.271-275, **revistă cotate B+, indexată Copernicus International**)

II. **Spiridonică Alexandru-Mihnea**, L.Isnoveiu - A statistical analysis of distribution and evolution of forest potential in romania, between 1990-2010, especially for suceava county (Lucrări științifice - vol. 54, Nr. 1/2011, seria Agronomie, pp.194-198, **revistă cotate B+, indexată Copernicus International**)

12. The 55th International Scientific Conference: 100 Years of Iasi higher education in agronomy – Faculty of Agriculture, USAMV Iasi, Iasi, Romania, 2012

I. **Spiridonică Alexandru-Mihnea**, Iftime Cornel - A statistical analysis of wind speed data from a specific site in order of optimal operating of wind turbines (Lucrări științifice - vol. 55, Nr. 2/2012, seria Agronomie, pp.77-80, **revistă cotate B+, indexată Copernicus International**)

II. **Spiridonică Alexandru-Mihnea**, Isnoveiu Luciana - A statistical analysis of distribution of unemployment in Romania, between 1991-2010 (Lucrări științifice - vol. 55, Nr. 2/2012, seria Agronomie, pp. 81-86, **revistă cotate B+, indexată Copernicus International**)