

# L I S T A

## lucrărilor reprezentative

### A. Teza de doctorat

CERCETARI PRIVIND MANAGEMENTUL ACTIVELOR DIN SISTEMUL ELECTROENERGETIC

### B. Cărți si capitole în cărți

1. Liliana Topliceanu, **Puiu Gabriel**, Training needs in renewable energies for local development Cap 5 si Cap. 7, Editura Alma Mater Bacau, ISBN: 978-606-527-538-6, 2017
2. Pruteanu Eusebiu, Puiu Gabriel, Babin-Corneliu Buraga – Interactiunea om-calculator/masina, Ed. Alma Mater, Bacau, 2015
3. Iulian florescu, Gabriel Puiu - Sisteme adaptive si optimale, Ed. Alma Mater, Bacau, 2015

### C. Lucrări indexate ISI/BDI

1. Liliana Topliceanu, Carmen-Violeta Muraru, Iulian Furdu, Petru Gabriel Puiu, Study concerning the damping of pressure wave propagation in adiabatic evolution, Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, Volume 22, No. 1 (2021), ISSN 1582-540X
2. Liliana Topliceanu, **Gabriel Petru Puiu** - Contribution of Geothermal Resources to Energy Autonomy: Evaluation and Management Methodology, Energies, EISSN 1996-1073, 2016, vol9 (8), pg. 612
3. Liliana Topliceanu, **Puiu Gabriel**, Iulian Furdu - Functional Problems and Maintenance Operations of Hydraulic Turbines, TEM Journal, Technology, Education, Management, Informatics, ISSN 2217-8309, e-ISSN 2217-8309, 2016, Vol.5, No.1, pp. 32-37
4. Puiu Gabriel, Liliana Topliceanu, Iulian Furdu - Renewable Energies and Rural Development in Bacau County, Romania, Innovation Management and Sustainable Economic Competitive Advantage: from Regional Development to Global Growth, ISBN:978-0-9860419-5-2, 2016, Vols I - VI, pp. 3250-3261
5. Puiu Gabriel, Liliana Topliceanu, Iulian Furdu - Assessing the Development Stage of Renewable Energies in Bacau County and the North Eastern Romania Region and Identification of Training Needs, Innovation Management and Sustainable Economic Competitive Advantage: from Regional Development to Global Growth, ISBN:978-0-9860419-5-2, 2016, Vols I - VI, pp. 3262-3272
6. Andrioaia Dragoș-Alexandru, Puiu Petru-Gabriel, Ghenadi Adrian - The Influence of the Errors Introduced by the Actuator on the Positioning Accuracy of the Robots with Parallel Delta 3 DOF, Applied Mechanics and Materials, ISSN\* 1660-933, 2015, Vol. 810, Nr.1, pp.1225- 1231

7. **Puiu Gabriel**, Liliana Topliceanu, Iulian Furdu - Renewable Energies and Rural Development in Bacau County, Romania, Innovation Management and Sustainable Economic Competitive Advantage: from Regional Development to Global Growth, ISBN:978-0-9860419-5-2, 2016, Vols I - VI, pp. 3250-3261
8. Nedelcu Dragos Iulian, Florescu Iulian, **Puiu Petru Gabriel** - Simulative Analysis of the Fluid Parameters in Zone of Apparition of the Hydraulic Jump in the Penstock Placed on the Open Channels, Applied Mechanics and Materials, ISSN\* 1660-9336, 2015, Vol. 810, Nr. 1, pp. 968-974
9. Culea George, Cristea Ion, **Puiu Petru Gabriel** - Modeling and Analysis of Processing Flow in a Flexible Manufacturing System Using Synchronized Petri Net, Applied Mechanics and Materials, ISSN\* 1660-933, 2015, Vol. 810, Nr. 1, pp. 1474-1480
10. **Puiu Petru Gabriel**, Drilea Daniel, Nedelcu Dragos Iulian, Andrioaia Dragos - Position Control System of a Trunk in an Upward Airflow, Applied Mechanics and Materials, ISSN: 1660-9336, 2015, vol. 657, Pages: 699-703
11. **Puiu Petru Gabriel**, Popa Sorin Eugen, Liliana topliceanu - The Integration of Assistive Technologies in Future Housing Construction, Proceedings of the Francophone Multidisciplinary Colloquim on Materials, Environment and Electronics, ISSN: 2343-9092, 2015, Vol. 5, Nr. 1, pp. 104-108
12. Popa Sorin Eugen, **Puiu Petru Gabriel** - Research on Temperature and Humidity Compensation of Sensor Measured Values Mq7 - Proceedings of the Francophone Multidisciplinary Colloquim on Materials, Environment and Electronics, ISSN: 2343-9092, 2015, Vol. 5, Nr. 1, pp. 92-96
13. Popa Sorin Eugen, **Puiu Petru Gabriel** - STUDY UML diagrams using a coffee machine emulation software, Proceedings of the Francophone Multidisciplinary Colloquim on Materials, Environment and Electronics, ISSN: 2343-9092, 2015, Vol. 5, Nr. 1, pp. 96-100
14. Puiu Petru Gabriel, Mihai Benchea - Electrical Installations for determining the Transformers State - Proceedings of the Francophone Multidisciplinary Colloquim on Materials, Environment and Electronics, ISSN: 2343-9092
15. Rotar Dan, Puiu Gabriel. Determining the Driving Torques of the Robots with Delta 3DOF Parallel Structure by Using the MSC ADAMS Software Pack, Applied Mechanics and Materials (OPTIROB 2013) ISSN 1660-9336, 2013, Vol. 332, pp. 224-228.
16. **Puiu Petru Gabriel**, Popa Sorin Eugen, Furdu Iulian. The study of the experimental adjustment criteriafor for the regulators functioning, PLUMEE 2013, ISSN 2343-9092, 2013,Vol.1
17. **Puiu Petru Gabriel**, Popa Sorin Eugen. The study of the adjustment criteriafor for the regulators based on the transfer function of a technological plant, PLUMEE 2013, ISSN 2343-9092, 2013,Vol.1
18. **Andrioaia Dragoș**, Rotar Dan, Puiu Gabriel - Creating a Communication between a Pic18F4550 Microcontroller and a Pc Usb Port Type in order to Achieve Industrial Automation, Journal of Engineering Studies and Research ISSN 2068-7559, 2012, Vol. 18, Nr. 1, pp. 12-15.
19. **Puiu Petru Gabriel**, Furdu Iulian. Reliable open source system for automatic release of reserves using SCADA interface, 2067-3566, 2013,23,1,8.

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23. Sorin Eugen Popa, **Gabriel Petru Puiu**, Anghelut Marius- „*Influence of the sun position and solat irradiation ower photovoltaic power production*”- Proceedings of The 6<sup>th</sup> National Conference on Industrial Energetics with International Participation, CNEI 2007, University of Bacau, Romania, 1th-3th November 2007, ISSN 1224-7480
24. Pruteanu E, Ababei S., **Puiu G.P.**, Anghelut M- Objective function bades Fuzzy clustering”- Proceedings of The 6<sup>th</sup> National Conference on Industrial Energetics with International Participation, CNEI 2007
25. Sajin T.,Craciun A. ,Botez C.,Puiu P. G. Buzduga R. Ş. Anitei F. - Electroplasmochemical technologies of the organic fuels combustion and of the pollutant emissions reduction- Proceedings of The 6<sup>th</sup> National Conference on Industrial Energetics with International Participation, CNEI 2007, University of Bacau, Romania, ISSN 1224-7480
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#### **D. Lucrări publicate în reviste și volume de conferințe cu referenți**

1. Puiu P. G., Baraboi A., Adam M.- An asset management system for the energy system- WESC 2008
2. Popa orin Eugen, Puiu Petru Gabriel- Internet technologies used in control, monitoring and measuring the phase angle of a switchgear- CNEI 2009- Proceedings of the 7th National Conferenceon Industrial Energetics- Ed Alma Mather , ISBN-978-606-527-050-3
3. Puiu Petru Gabriel, Baraboi Adrian, Adam Marcel, Ababei Stefan, Popa Sorin Eugen- The software technics use for realisation of the asset management sysrem in the electroenergetical domain - CNEI 2009- Proceedings of the 7th National Conferenceon Industrial Energetics- Ed Alma Mather , ISBN-978-606-527-050-3.
4. Puiu Petru Gabriel, Ababei Stefan, Baraboi Adrian, Adam Marcel, Benchea Mihai- Integrated Maintenance Management System- The 6<sup>th</sup> International Conference on Electrical and Power Engineering
5. Puiu Petru Gabriel, Benchea Mihai - Sistem multiplexor-demultiplexor pentru generarea semnalelor de comanda pentru RTU 200- Simpozionul National De Automatizari si telecomunicatii in Energetica, 2011.
6. Benchea Mihai, Puiu Petru Gabriel - Dezvoltarea sistemelor de telecomunicatii utilizate la teleprotectii - Simpozionul National de Automatizari si Telecomunicatii in Energetica, 2011.

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