

# LISTA DE LUCRĂRI PUBLICATE

Lect. univ. dr. Toader Florentina Alina

## a. Lista celor 10 lucrări relevante

1. Popa, R. G.; Şchiopu, E.C.; Pătraşcu, A.; Bălăcescu, A.; Toader, F.A., *Raspberry Production Opportunity to Develop an Agricultural Business in the Context of the Circular Economy: Case Study in South-West Romania*, Agriculture, 14, 1822., 2024, EISSN: 2077-0472, <https://doi.org/10.3390/agriculture14101822> (revistă cotate ISI - AIS 2023: 0,468; factor de impact 2023: 3,3)
2. Pătraşcu, A., Toader, F.A., Bălăcescu, A., *An Improved Multi-Objective Hybrid Algorithm for Solving Job Shop Scheduling Problem*, Economic Computation and Economic Cybernetics Studies <https://dx.doi.org/10.24818/18423264/58.3.24.11>, ISSN: 0424-267X, EISSN: 1842-3264 (revistă cotate ISI - AIS 2023: 0,135; factor and Research, 58 (3), pg. 177-192, 2024, DOI: de impact 2023: 1,4)
3. Pătraşcu, A., Bucur, C., Tănăsescu, A., Toader, F.A., *Proposal of a Machine Learning Predictive Maintenance Solution Architecture*, International Journal of Computers Communications & Control, 19(3), 6499, 2024, ISSN 1841-9836, eISSN 1841-9844, <https://doi.org/10.15837/ijccc.2024.3.6499> (revistă cotate ISI - AIS 2023: 0,369; factor de impact 2023: 2; SRI 2023: 0,690).
4. Toader, F. A., *A Hybrid Algorithm for Job Shop Scheduling Problem*, Studies in Informatics and Control, ISSN 1220-1766, vol. 24 (2), pp. 171-180, 2015, [http://sic.ici.ro/?page\\_id=4271](http://sic.ici.ro/?page_id=4271), Factor de impact 0.723
5. Toader, F.A., *Production Scheduling in Flexible Manufacturing Systems: A State of the Art Survey*, Journal of Electrical Engineering, Electronics, Control and Computer Science, Vol 3, Mo. 1, 2017, <https://jeeeccs.net/index.php/journal/article/view/59>
6. Toader, F. A., *Time series forecasting in production planning using artificial intelligence techniques*, Proceedings of the International Work Conference on Time Series Analysis ITISE2014, pg. 916-925, 25-27 Iunie 2014, Granada, Spania, ISBN 978-84-15814-97-9, <http://itise.ugr.es/2014/index.php>
7. Toader, F. A., *Production Scheduling by using ACO and PSO techniques*, Proceedings of International Conference on Development and Application Systems (DAS), pg. 170 – 175, 15-17 mai 2014, Suceava, <http://ieeexplore.ieee.org/document/6842449/>
8. Toader, F.A., *An Artificial Intelligence Software Application for Solving Job Shop Scheduling Problem*, Proceedings of the 9th International Conference on Virtual Learning, pg. 439-446, October 24-25, 2014, Bucuresti, ISSN 1844-8933, ISI Proceedings, <http://c3.icvl.eu/2014/proceedings>
9. Toader, F.A., *The Application of Petri Nets in Flexible Manufacturing Systems*, Proceedings of the 9th International Conference on Virtual Learning, pg. 110-114, October 24-25, 2014, Bucuresti, ISSN 1844-8933, ISI Proceedings, <http://c3.icvl.eu/2014/proceedings>
10. Toader, F. A., *A software application for modelling the production planning in a flexible manufacturing system*, Proceedings of the 8th International Conference on Virtual Learning, pg. 264-267, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceedings, [http://c3.icvl.eu/disc/2013/icvl/documente/pdf/soft/ICVL\\_SoftwareSolutions\\_paper05.pdf](http://c3.icvl.eu/disc/2013/icvl/documente/pdf/soft/ICVL_SoftwareSolutions_paper05.pdf)

## **b. Teza de doctorat**

*Contribuții privind dezvoltarea unui sistem inteligent de planificare automată a producției în linii flexibile de fabricație*, Universitatea Petrol-Gaze din Ploiești, 2017

## **c. Cărți și capitole în cărți**

1. Dumitrașcu L, Ioniță L, Borsos Z, Toader F. A., Loloiu C., Guțu S., Dumbrăvescu B., *Adobe® Dreamweaver® CS6 Exemple comentate și exerciții rezolvate*, Editura Universității Petrol – Gaze din Ploiești, 2012.
2. Moise G., Netedu L., Toader F.A., *Bio-Inspired E-Learning Systems – A Simulation Case: English Language Teaching*, Metodologies, Tools and New Developments for E-learning, ISBN 978-953-51-0029-4 InTech Publisher, 2012.
3. Tudor N. L., Șchiopu D., Dragomir E. G., Chircu F. A., *Programarea calculatoarelor și limbaje de programare*, Îndrumar de laborator, Editura Universității Petrol – Gaze din Ploiești, 2010.

## **d. Lucrări indexate ISI**

1. 1. Popa, R. G.; Șchiopu, E.C.; Pătrașcu, A.; Bălăcescu, A.; Toader, F.A., *Raspberry Production Opportunity to Develop an Agricultural Business in the Context of the Circular Economy: Case Study in South-West Romania*, Agriculture, 14, 1822., 2024, EISSN: 2077-0472, <https://doi.org/10.3390/agriculture14101822> (revistă cotate ISI - AIS 2023: 0,468; factor de impact 2023: 3,3)
2. 2. Pătrașcu, A., Toader, F.A., Bălăcescu, A., *An Improved Multi-Objective Hybrid Algorithm for Solving Job Shop Scheduling Problem*, Economic Computation and Economic Cybernetics Studies <https://dx.doi.org/10.24818/18423264/58.3.24.11>, ISSN: 0424-267X, EISSN: 1842-3264 (revistă cotate ISI - AIS 2023: 0,135; factor and Research, 58 (3), pg. 177-192, 2024, DOI: de impact 2023: 1,4)
3. 3. Pătrașcu, A., Bucur, C., Tănăsescu, A., Toader, F.A., *Proposal of a Machine Learning Predictive Maintenance Solution Architecture*, International Journal of Computers Communications & Control, 19(3), 6499, 2024, ISSN 1841-9836, eISSN 1841-9844, <https://doi.org/10.15837/ijccc.2024.3.6499> (revistă cotate ISI - AIS 2023: 0,369; factor de impact 2023: 2; SRI 2023: 0,690).
4. Toader, F. A., *A Hybrid Algorithm for Job Shop Scheduling Problem*, Studies in Informatics and Control, ISSN 1220-1766, vol. 24 (2), pp. 171-180, 2015, [http://sic.ici.ro/?page\\_id=4271](http://sic.ici.ro/?page_id=4271), Factor de impact 0.723

## **e. Lucrări indexate BDI**

1. Toader. F. A., *Time series forecasting in production planning using artificial intelligence techniques*, Proceedings of the International Work Conference on Time Series Analysis ITISE2014, pg. 916-925, 25-27 Iunie 2014, Granada, Spania, ISBN 978-84-15814-97-9, <http://itise.ugr.es/2014/index.php>
2. Toader, F. A., *Production Scheduling by using ACO and PSO techniques*, Proceedings of International Conference on Development and Application Systems (DAS), pg. 170 – 175, 15-17

mai 2014, Suceava, <http://ieeexplore.ieee.org/document/6842449/>

3. Toader, F.A., *An Artificial Intelligence Software Application for Solving Job Shop Scheduling Problem*, Proceedings of the 9th International Conference on Virtual Learning, pg. 439-446, October 24-25, 2014, Bucuresti, ISSN 1844-8933, ISI Proceedings, <http://c3.icvl.eu/2014/proceedings>
4. Toader, F.A., *The Application of Petri Nets in Flexible Manufacturing Systems*, Proceedings of the 9th International Conference on Virtual Learning, pg. 110-114, October 24-25, 2014, Bucuresti, ISSN 1844-8933, ISI Proceedings, <http://c3.icvl.eu/2014/proceedings>
5. Toader, F. A., *A software application for modelling the production planning in a flexible manufacturing system*, Proceedings of the 8th International Conference on Virtual Learning, pg. 264-267, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceedings, [http://c3.icvl.eu/disc/2013/icvl/documente/pdf/soft/ICVL\\_SoftwareSolutions\\_paper05.pdf](http://c3.icvl.eu/disc/2013/icvl/documente/pdf/soft/ICVL_SoftwareSolutions_paper05.pdf)

**f. Lucrări publicate în reviste și volume de conferințe cu referenți  
(neindexate)**

**- Reviste**

1. Toader, F.A., A Hybrid Algorithm for Production Scheduling in Flexible Manufacturing Systems: A Case Study, Buletinul Universității Petrol-Gaze din Ploiești, Seria Tehnică, Vol. LXVI, No. 4/2016, Seria Tehnică, Vol. LXVI, No. 4/2016.
2. Toader, F. A., A Genetic Algorithm for Production Scheduling in Flexible Manufacturing Systems, Buletinul Universității Petrol-Gaze din Ploiești, Seria Tehnică, Vol. LXVI, No. 2/2014, pg. 75-80, <http://www.buletin.upg-ploiesti.ro/toc.jsp?page=2190&pageType=T&language=2>
3. Chircu, F. A., Practical Application for Utility Companies Management, Bulletin of PG University of Ploiești, Economic Sciences Series, vol. LXII, no. 3/2010,
4. Moise G., Chircu F. A., Using Reinforcement Learning in the Adaptive Fuzzy Controller, 6th International Symposium on Process Control (SPC-2009), Bulletin Technical Series, Vol. LXI, No. 3/2009, pg. 193-199, 2009

**g. Lucrări în volumele unor conferințe**

1. Toader, F. A., *Evolutionary Algorithms for Job Shop Scheduling*, Proceedings of the International Conference on Electronics, Computers and Artificial Intelligence ECAI 2016, pp SW-5, 30 Iunie-2 Iulie 2016, Ploiesti, România, ISBN 978-1-5090-2046-1, <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7843798>
2. Toader, F. A., Dragomir, E. G., *Designing E-Learning Courses Using Lectora*, Proceedings of the 8th International Conference on Virtual Learning, pg. 80-84, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceedings
3. Toader, F. A., *A software application for modelling the production planning in a flexible manufacturing system*, Proceedings of the 8th International Conference on Virtual Learning, pg. 264-267, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceeding
4. Chircu, F. A., *Selecting an Optimal Compound of a University Research Team Using Genetic Algorithms*, Proceedings of the 5th International Conference on Virtual Learning, pg. 380-385, October 29-31, Targu Mures, 2010, <http://c3.icvl.eu/2010>
5. Chircu, F. A., Dragomir, E. G., *Evaluating Research Projects Using a Knowledge-Based System*, Proceedings of the 5th International Conference on Virtual Learning, pg. 386-389, October 29-31, Targu Mures, 2010
6. Chircu. F. A., *Using Genetic Algorithms for Production Scheduling*, Bulletin of PG University of Ploiesti Mathematics, Informatics, Physics Series [BMIF], ISSN 1224-4899, EISSN 2067-242X, Volume LXII Number 1 (B+), 2010, [bmif.unde.ro/docs/20101/pdf\\_final\\_14%20FChircu.pdf](http://bmif.unde.ro/docs/20101/pdf_final_14%20FChircu.pdf).
7. Chircu F. A., *Mapping Terms from a Lexicon on Ontology*, The 9th Balkan Conference on

Operational Research BALCOR 2009, 2-6 Sept. 2009, Constanta

8. Petre E., Chircu F. A., *An Example of Expert System Used in Economical Field*, AFASES 2009, The International Session of XI-th Scientific Papers “Scientific Research and Education in the Air Force”, 20-22 May 2009, Brasov.
9. Chircu F. A., *Using Genetic Algorithms to Increase the Quality of University Research Management*, Proceedings of the 4th International Conference on Virtual Learning, pag 322-327, October 30 - November 1, Iasi, 2009, <http://www.icvl.eu/2009/>

**Data**

**Semnătura**