

UNIVERSITATEA DE MEDICINĂ, FARMACIE, ȘTIINȚE ȘI TEHNOLOGIE  
„George Emil Palade” din Târgu Mureș  
FACULTATEA DE INGINERIE ȘI TEHNOLOGIA INFORMAȚIEI  
DEPARTAMENTUL DE INGINERIE ELECTRICĂ ȘI TEHNOLOGIA INFORMAȚIEI

## LISTA DE LUCRĂRI

Conf. univ. dr. abil. László Barna IANTOVICS

### A1. Teză de abilitare

- Titlul tezei de abilitare: *Contributions to the Intelligent Agent-based Systems and Measuring the Machine Intelligence*
- Anul susținerii 16 aprilie 2020.
- Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș
- **Atestat de abilitare în domeniul Informatică**
- Confirmare: Ordin MEC nr. 5777/16.10.2020

### A2. Teză de doctorat

- Titlul tezei de doctorat: *Agenți inteligenți cu capacități cognitive.*
- Anul susținerii 27.04.2007
- Conducător științific: Prof. univ. dr. Dan Dumitru Dumitrescu
- Universitatea „Babeș-Bolyai” din Cluj-Napoca
- **Doctor în Informatică, distincția „Cum laude”. Domeniul de doctorat Informatică.**
- Confirmare: Ordinul MEC nr. 1418/29.06.2007

### B. Cărți autor/editate publicate de edituri naționale și internaționale

#### B1. Cărți autor/editate publicate de edituri internaționale prestigioase

1. Iantovics, L.B., Kountchev, R. (Eds.): *Advanced Intelligent Computational Technologies and Decision Support Systems*, Studies in Computational Intelligence (series), Springer, Cham, 486, 2014. 243 pag. <https://doi.org/10.1007/978-3-319-00467-9>, pISBN 978-3-319-00466-2.

2. Kountchev, R., **Iantovics, L.B.** (Eds.): *Advances in Intelligent Analysis of Medical Data and Decision Support Systems*, Studies in Computational Intelligence (series), Springer, 473, 2013. 247 pag. <https://doi.org/10.1007/978-3-319-00029-9>, pISBN 978-3-319-00028-2.

## **B2. Cărți autor/editate publicate de Editura Academiei Române**

1. Enăchescu C., Filip F., **Iantovics L.B.**, (Eds.): *Advanced Computational Technologies*, Romanian Academy Publishing House, Bucharest, 2012, 322 pag. ISBN 973-27-0919-7.

## **B3. Cărți autor/editate publicate de edituri naționale**

1. **Iantovics, L.B.**, Chira, C., Dumitrescu, D.: *Principiile Agenților Inteligenți*, Editura Casa Cărții de Știință, Cluj-Napoca, 2007. 244 pag. ISBN 978-973-133-035-8.
2. Enăchescu, C., **Iantovics, L.B.**, Filip, F.G. (Eds.): *Advanced Bio-Inspired Computational Methods*, "Petru Maior" University Publishing House, 2008, 239 pag. ISBN 978-973-7794-77-2.
3. **Iantovics, L.B.**, Enăchescu, C., Filip, F.G. (Eds.): *Complexity in Artificial and Natural Systems*, "Petru Maior" University Publishing House, 2008, 337 pag. ISBN 978-973-7794-76-5.
4. **Iantovics, L.B.**, Crainicu, B. *Sisteme Multiagent: o abordare modernă în Inteligența Artificială*, Editura Universității Petru Maior, 2013. ISBN 978-606-581-099-0.

## **B4. Ediții speciale/tematice de jurnale**

1. **Iantovics, L.B.**, Radoiu, D., Marusteri, M., Dehmer, M. (Eds.): *Special Issue on Complexity in Sciences and Artificial Intelligence*, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 1, July 2010, 200 pag. ISSN 2067-3957.
2. **Iantovics, L.B.**, Zamfirescu, C.B., Marusteri, M. (Eds.): *Special Issue on Advances in Soft Computing Techniques and Applications*, Journal of Information Technology Research (JITR), IGI Press, 2012, 105 pag. ISSN 1938-7857.
3. **Iantovics, L.B.**, Marusteri, M., Ion, R.M., Kountchev, R. (Eds.): *Special Issue on Advances in Applied Sciences*, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 1, October 2010, 200 pag. ISSN 2067-3957.
4. **Iantovics, L.B.**, Hluchý, L., Kountchev, R. (Eds.): *Special Issue on Understanding Complex Systems*, Acta Universitatis Apulensis, 2011. 298 pag. ISSN 1582-5329.

## **B5. Proceedings-uri de conferințe publicate de edituri internaționale prestigioase**

1. Enăchescu, C., **Iantovics, L.B.**, Filip, F.G. (Eds.): *Proc. of the 1st Int. Conf. on Bio-Inspired Computational Methods Used for Solving Difficult problems, Development of Intelligent and Complex Systems* (BICS 2008), American Institute of Physics Proceedings (AIP Conference Proceedings), Melville, New York, USA, 1117, 2009, 234 pages. ISBN 978-0-7354-0654-4. ISSN 0094-243X. (ISI Conference Proceedings Citation Index, Scopus etc.)
2. **Iantovics, L.B.**, Enăchescu, C., Filip, F.G. (Eds.): *Proc. of the 1st Int. Conf. on Complexity and Intelligence of the Artificial and Natural Complex Systems. Medical Applications of the Complex Systems. Biomedical Computing* (CANS 2008), IEEE Computer Society Press, Los

Alamitos, California, USA, Washington, Tokyo, 2009, 251 pages. ISBN 978-0-7695-3621-7. (ISI Conference Proceedings Citation Index, Scopus etc.)

## **B6. Editoriale**

1. Niazi, M.A., **Iantovics, L.B.** (Editorial): *Monkeys, trees, and the right abstraction!* Complex Adaptive Systems Modeling, Springer 6(9), October 2018. <https://doi.org/10.1186/s40294-018-0060-8>, ISSN 2194-3206.

## **B7. Rezumate de proceedings-uri de conferințe**

1. Enăchescu, C., **Iantovics, L.B.**, Filip, F.G. (Eds.): *Book of abstracts of the Int. Conf. on Bio-Inspired Computational Methods Used for Difficult Problems Solving. Development of Intelligent and Complex Systems*, 5-7 Nov. 2008, Tg. Mures, Romania, "Petru Maior Publishing House", 285 pag. ISSN 2065-0418.
2. **Iantovics, L.B.**, Enăchescu, C., Filip, F.G. (Eds.): *Book of abstracts of the Int. Conf. Complexity and Intelligence of the Artificial and Natural Complex Systems. Medical Applications of the Complex Systems. Biomedical Computing*, 8-10 Nov. 2008, Tg. Mures, Romania, "Petru Maior" Publishing House, 306 pag. ISSN 2065-0426.

## **C. Capitle de carte publicate de edituri naționale și internaționale**

### **C1. Capitle de carte publicate de edituri internaționale prestigioase**

1. **Iantovics, L.B.**: *A Novel Diagnosis System Specialized in Difficult Medical Diagnosis Problems Solving*, In: Aziz-Alaoui, M.A., Bertelle, C. (Eds.), *Emergent Properties in Natural and Artificial Dynamical Systems, Understanding Complex Systems (series)*, Springer, Berlin, 2006, pp.185-195. [https://doi.org/10.1007/3-540-34824-7\\_10](https://doi.org/10.1007/3-540-34824-7_10), pISBN 978-3-540-34822-1.
2. **Iantovics, L.B.**: *Cooperative Medical Diagnoses Elaboration by Physicians and Artificial Agents*. In: Aziz-Alaoui, M.A., Bertelle, C. (Eds.), *From System Complexity to Emergent Properties, Understanding Complex Systems (series)*, Springer, Berlin, 2009, pp.315-339. [https://doi.org/10.1007/978-3-642-02199-2\\_16](https://doi.org/10.1007/978-3-642-02199-2_16), pISBN 978-3-642-02198-5.
3. Talmaciu, M., Nechita, E., **Iantovics, L.B.**: *On Confidentially Connected-Free Graphs*, In: Kountchev, R., et al. (Eds.), *Advances in Intelligent Analysis of Medical Data and Decision Support Systems, Studies in Computational Intelligence (series)*, Springer, 473, 2013, pp.179-187. [https://doi.org/10.1007/978-3-319-00029-9\\_16](https://doi.org/10.1007/978-3-319-00029-9_16), pISBN 978-3-319-00028-2.
4. Revett, K., **Iantovics, L.B.**: *A Survey of Electronic Fetal Monitoring: A Computational Perspective*, In: Iantovics, B., Kountchev, R. (Eds.), *Advanced Intelligent Computational Technologies and Decision Support Systems, Studies in Computational Intelligence (series)*, Springer, Cham, 486, 2014, pp.135-141. [https://doi.org/10.1007/978-3-319-00467-9\\_12](https://doi.org/10.1007/978-3-319-00467-9_12), pISBN 978-3-319-00466-2.
5. **Iantovics, L.B.**, Crainicu, B.: *A Distributed Security Approach for Intelligent Mobile Multiagent Systems*, In: Iantovics, B., Kountchev, R. (Eds.), *Advanced Intelligent*

Computational Technologies and Decision Support Systems, Studies in Computational Intelligence (series), Springer, Cham 486, 2014, pp.175-189. [https://doi.org/10.1007/978-3-319-00467-9\\_15](https://doi.org/10.1007/978-3-319-00467-9_15), pISBN 978-3-319-00466-2.

6. Tokody, D., Papp, J., **Iantovics, L.B.**, Flammini, F.: *Complex, Resilient and Smart Systems*, In: Flammini, F. (Ed.), Resilience of Cyber-Physical Systems. From Risk Modelling to Threat Counteraction, Advanced Sciences and Technologies for Security Applications (series), Springer International, 2019, pp.3-24. Doi: 10.1007/978-3-319-95597-1, hISBN 978-3-319-95596-4.

## **C2. Capitoale de carte publicate de edituri naționale**

1. Zamfirescu, C.B., **Iantovics, L.B.**, Duta, L.: *A stigmergic approach to deal with uncertainty in planning the e-meetings' agenda*, In: Enăchescu, C. et al. (Eds.). Advanced Computational Technologies, Romanian Academy Publishing House, Bucharest, 2012, pp.249-257. ISBN 973-27-0919-7.
2. **Iantovics, L.B.**: *Difficult Problems Solving Using BDI Agents*, Profesor Gheorghe Fărcaș la vârsta de 70 de ani, "Petru Maior" University Publishing House, Tg. Mureș, 2004, pp.186-197.
3. Hobby, D., **Iantovics, L.B.**, Nichita, F.F.: *On Computational Methods and the Yang-Baxter equations*, In: Enăchescu, C. et al. (Eds.), Advanced Computational Technologies, Romanian Academy Publishing House, Bucharest, 2012, pp.193-200. ISBN 973-27-0919-7.
4. **Iantovics, L.B.**, Crainicu, B., *Security Measures in Complex Multiagent Systems Composed from Mobile Agents*, In: Iantovics, L.B., Enăchescu, C., Filip, F.G. (Eds.), Complexity in Artificial and Natural Systems, "Petru Maior" University Publishing House, 2008, pp. 47-55. ISBN 978-973-7794-76-5.
5. Crainicu, B., **Iantovics, L.B.**: *Securing WEP Cryptosystems through A New RC4 Key Scheduling Algorithm*, In: Iantovics, L.B., Enăchescu, C., Filip, F.G. (Eds.), Complexity in Artificial and Natural Systems, "Petru Maior" University Publishing House, 2008, pp.93-99. ISBN 978-973-7794-76-5.
6. **Iantovics, L.B.**: *Problem Solving Using Evolutionary Multiagent Systems*, In: Enăchescu, C. et al. (Eds.): Advanced Bio-Inspired Computational Methods, "Petru Maior" University Publishing House, 2008, pp.138-146. ISBN 978-973-7794-77-2.
7. **Iantovics, L.B.**: *Mobile Agents*, Profesor Gheorghe Fărcaș la vârsta de 70 de ani, "Petru Maior" University Publishing House, Tg. Mureș, 2004, pp.171-185.

## **D. Articole publicate în extenso**

### **D.1. Articole publicate în cotate reviste ISI cu factor de impact**

1. **Iantovics, L.B.**, Rotar, C., Niazi, M.A.: *MetriIntPair-A Novel Accurate Metric for the Comparison of Two Cooperative Multiagent Systems Intelligence Based on Paired Intelligence Measurements*, International Journal of Intelligent Systems, 33(3), 2018, 463-486. <https://doi.org/10.1002/int.21903>, pISSN 0884-8173. IF: 7,229.

2. Morar, F., **Iantovics, L.B.**, Gligor, A.: *Analysis of Phytoremediation Potential of Crop Plants in Industrial Heavy Metal Contaminated Soil in the Upper Mures River Basin*, Journal of Environmental Informatics, 31(1), 2018, 1-14. Doi: 10.3808/jei.201700383, pISSN 1726-2135. IF: 4,375.
3. **Iantovics, L.B.**, Rotar, C., Morar, F.: *Survey on establishing the optimal number of factors in exploratory factor analysis applied to data mining*, Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery 9(2), 2019, e1294. <https://doi.org/10.1002/widm.1294>, pISSN 1942-4787. IF: 2,541.
4. **Iantovics, L.B.**, Dehmer, M., Emmert-Streib, F.: *MetrlntSimil-An Accurate and Robust Metric for Comparison of Similarity in Intelligence of Any Number of Cooperative Multiagent Systems*, Symmetry, 10(2), 2018, 48. <https://doi.org/10.3390/sym10020048>, pISSN 2073-8994. IF: 2,143.
5. Kovács, L., **Iantovics, L.B.**, Iakovidis, D.K.: *IntraClusTSP - An Incremental Intra-Cluster Refinement Heuristic Algorithm for Symmetric Travelling Salesman Problem*, Symmetry, 10(12), 2018, 663. pISSN 2073-8994. IF: 2,143.
6. **Iantovics, L.B.**, Kovacs, L., Rotar, C.: *MeasApplInt - a novel intelligence metric for choosing the computing systems able to solve real-life problems with a high intelligence*, Applied Intelligence, 49, 2019, 3491–3511 and Appendix. (First Online 01.04.2019) <https://doi.org/10.1007/s10489-019-01440-5>, pISSN 0924-669X. IF: 2,882.
7. Kountchev R.K, **Iantovics B.L.**, Kountcheva R.A: *Hierarchical Third-Order Tensor Decomposition through Inverse Difference Pyramid, Based on the 3D Walsh-Hadamard Transform with Applications in Data Mining*, WIREs Data Mining and Knowledge Discovery, 10(2), 2020, e1314. <https://doi.org/10.1002/widm.1314>, pISSN 1942-4787. LISTA IF, JCR din 29 iunie 2020 - zona roșie; IF : 4,476
8. Crisan, G.C., **Iantovics, L.B.**, Kovacs, L.: *On the neutrality of two symmetric TSP solver towards instance specification*, Science China Information Sciences, paper + appendix. (in curs de publicare). <https://doi.org/10.1007/s11432-018-9829-5>, pISSN 1674-733X. IF: 2,731.
9. **Iantovics, L.B.**: *Agent-Based Medical Diagnosis Systems*, Computing and Informatics, 27(4), 2008, 593-625. pISSN 1335-9150. IF: 0,492, Scopus, etc.
10. Zamfirescu, C.B., Duta, L., **Iantovics, L.B.**: *On investigating the cognitive complexity of designing the group decision process*, Studies in Informatics and Control, 19(3), 2010, 263-270. pISSN 1220-1766. IF: 0,671, Scopus, etc.
11. **Iantovics, L.B.**, Emmert-Streib, F., Arik, S.: *MetrlntMeas a novel metric for measuring the intelligence of a swarm of cooperating agents*, Cognitive Systems Research, 45, 2017, 17-29. <https://doi.org/10.1016/j.cogsys.2017.04.006>, pISSN 1389-0417. IF: 1,425.
12. Mircia, E., Imre, S., Sipos, E., Avrigeanu, V., Hancu, G., **Iantovics, L.B.**, Balaci, T.: *New modified release tablets with pentoxifylline based on lipophilic matrix. Note 2. Stability study of the active substance from the proposed formulations*, Farmacia, 61(6), 2013, 1186-1193. pISSN 0014-8237. IF: 1,251, Scopus, etc.

13. Brassai, S.T., **Iantovics, L.B.**, Enachescu, C.: *Optimization of Robotic Mobile Agent Navigation*, Studies in Informatics and Control, 21(4), 2012, 403-412. pISSN 1220-1766. IF: 0,554, Scopus, etc.
14. Mircia, E., Sipos, E., Imre, S., Avriganu, V., Hancu, G., **Iantovics, L.B.**, Balaci, T.: *New modified release tablets with pentoxifylline based on lipophilic matrix. Note 1. Formulation, physical study and determination of dissolution profiles of the active substance from the proposed formulations*, Farmacia, 60(2), 2012, 218-226. pISSN 0014-8237. IF: 0,578, Scopus, etc.
15. Talmaciu, M., Nechita, E., **Iantovics, L.B.**: *Recognition and Combinatorial Optimization Algorithms for Bipartite Chain Graphs*, Computing and Informatics, 32(2), 2013, 313-329. pISSN 1335-9150. IF: 0,319, Scopus, etc.
16. Hoek, G., Ranzi, A., Alimehmeti, I., Ardeleanu, E.R., Arrebola, J.P., Ávila, P., Candeias, C., Colles, A., Crisan, G.C., Dack, S., Demeter, Z., Fazzo, L., Fierens, T., Flückiger, B., Gaengler, S., Hänninen, O., Harzia, H., Hough, R., **Iantovics, B.L.**, Kalantzi, O.I., Karakitsios, S.P., Makris, K.C., Martin-Olmedo, P., Nechita, E., Nicoli, T., Orru, H., Pasetto, R., Pérez-Carrascosa, F. M., Pestana, D., Rocha, F., Sarigiannis, D.A., Teixeira, J.P., Tsadilas, C., Tasic, V., Vaccari, L., Iavarone, I., de Hoogh, K.: *A review of exposure assessment methods for epidemiological studies of health effects related to industrially contaminated sites*, Special Issue "Environmental Health Challenges from Industrial Contamination" Epidemiol Prev, 42(5-6) Suppl 1, 2018, 21-36. Doi: 10.19191/EP18.5-6.S1.P021.085, pISSN 1120-9763. IF: 1,289, Scopus.
17. Nechita, E., Crisan, G.C.; **Iantovics, L.B.**, Huang, Y.: *On the Resilience of Ant Algorithms. Experiment with Adapted MMAS on TSP*, Mathematics 8(5), 2020, 752. Doi: 10.3390/math8050752, ISSN 2227-7390. IF 1,747. LISTA IF, JCR din 2020 - zona roșie.
18. Vlasa, I., Gligor, A., Dumitru, C.D., **Iantovics, L.B.**: *Smart Metering Systems Optimization for Non-Technical Losses Reduction and Consumption Recording Operation Improvement in Electricity Sector*, Sensors, 20(10), 2020, 2947. Doi: 10.3390/s20102947, ISSN 1424-8220. IF 3,275. LISTA IF, JCR din 2020 - zona roșie.
19. **Iantovics, L.B.**, Kountchev, R., Crișan, G.C.: *ExtrIntDetect-A New Universal Method for the Identification of Intelligent Cooperative Multiagent Systems with Extreme Intelligence*, Symmetry, 11(9), 2019, 1123. Doi: 10.3390/sym11091123, ISSN 2073-8994. IF 2,645. LISTA IF, JCR din 2020 - zona galbenă.
20. Talmaciu, M., Dumitriu, L.; Susnea, I., Lepin, V., **Iantovics, L.B.**, *Recognition and Optimization Algorithms for P5-Free Graphs*, Symmetry, 12(2), 2020, 304. Doi: 10.3390/sym12020304, pISSN 2073-8994. IF: 2,646. LISTA IF, JCR din 2020 - zona galbenă.
21. **Iantovics, L.B.**, Iakovidis, D.K.; Nechita, E., *II-Learn-A Novel Metric for Measuring the Intelligence Increase and Evolution of Artificial Learning Systems*, International Journal of Computational Intelligence Systems, 12(2), 2019, 1323-1338. FI 2,153. LISTA IF, JCR din 2019 - zona galbenă (este printre primele 20%din zona albă).

## **D.2. Articole ISI - Emerging Sources Citation Index include în Web of Science**

1. Rotar, C., **Iantovics, L.B.**: *Directed Evolution - A New Metaheuristic For Optimization*, Journal of Artificial Intelligence and Soft Computing Research, 7(3), 183-200, 2017. Doi: 10.1515/jaiscr-2017-0013, pISSN 2083-2567. Scopus, etc. (Fără factor de impact)
2. Tokody, D., Tor, M., Szűcs, E., Flammini, F., **Iantovics, L.B.**: *On the development of intelligent railway information and safety systems: an overview of current research*, Interdisciplinary Description of Complex Systems, 16(1), 2018, 176-185. Doi: 10.7906/indecs.16.1.14, pISSN 1334-4684. (Fără factor de impact)
3. **Iantovics, L.B.**, Gligor, A., Niazi, M.A., Biro, A.I., Szilágyi, S.M., Tokody, D.: *Review of Recent Trends in Measuring the Computing Systems Intelligence*, BRAIN - Broad Research in Artificial Intelligence and Neuroscience, 9(2), 2018, 77-94. ISSN 2067-8957. (Fără factor de impact)
4. **Iantovics, L.B.**, Niazi, M.A., Gligor, A., Szilágyi, S.M., Dehmer, M., Emmert-Streib, F., Tokody, D.: *CoopRA Algorithm for Universal Characterization of the Experimental Evaluation Results of Cooperative Multiagent Systems*, BRAIN - Broad Research in Artificial Intelligence and Neuroscience, 9(3), 2018, 37-49. ISSN 2067-8957. (Fără factor de impact)
5. Albin, A., Mester, G., **Iantovics, L.B.**: *Unified Aspect Search Algorithm*, Interdisciplinary Description of Complex Systems, 17(1-A), 20-25, 2019. pISSN 1334-4684. (Fără factor de impact)
6. Akram, W., Niazi, M.A., **Iantovics, L.B.**, Vassilakos, A.V., *Towards agent-based model specification of smart grid: A cognitive agent-based computing approach*, Interdisciplinary Description of Complex Systems, 17(3 B), pp. 546-585, 2019. Doi: 10.7906/indecs.17.3.14, ISSN: 1334-4684. (Fără factor de impact)

## **D3. Articole publicate în jurnale indexate BDI**

### **D3.1. Articole publicate în jurnale ce includ printre altele și indexarea Scopus**

1. **Iantovics, L.B.**, Kovacs, L., Fekete, G.L.: *Next Generation University Library Information Systems Based on Cooperative Learning*, New Review of Information Networking, 21(2), 2016, 101-116. <http://dx.doi.org/10.1080/13614576.2016.1247742>, pISSN 1361-4576.
2. **Iantovics, L.B.**, Zamfirescu, C.B.: *ERMS - An Evolutionary Reorganizing Multiagent System*, International Journal of Innovative Computing, Information and Control, 9(3), 2013, 1171-1188. ISSN 1349-4198.
3. **Iantovics, L.B.**: *An Agent-Based Hybrid Medical Complex System*, Information - An International Interdisciplinary Journal, 16(6A), 2013, 3709-3726. ISSN 1343-4500.
4. **Iantovics, L.B.**, Rotar, C.: *A Novel Metric for Comparing the Intelligence of Two Swarm Multiagent Systems*, Journal of Artificial Intelligence, 9, 2016, 39-44. Doi: 10.3923/jai.2016.39.44, pISSN 1994-5450.

### D3.2. Articole publicate în jurnale indexate BDI

1. Pinte, C.M., **Iantovics, B.**, Pop, P.C., Dehmer, M.: *Escape from solutions stagnation, A Study on Ant System solving TSP*, Creative Mathematics and Informatics, 28(1), 2019, 77-83. pISSN 1584 - 286X.
2. **Iantovics, L.B.**: *Intelligent Agents*, Scientific Bulletin of "Petru Maior" University, Tg. Mures, XVII, 2004, 265-271. ISSN 1841-9267.
3. **Iantovics, L.B.**: *Intelligent Hybrid Agents*, Scientific Bulletin of "Petru Maior" University, Tg. Mures, XVII, 2004, 259-263. ISSN 1841-9267.
4. Rotar, C., **Iantovics, L.B.**: *Solving Multiobjective Optimization Problems Using A Non-Pareto Based Fitness Assignment Method*, Acta Technica Napocensis, Electronics and Telecommunications, 59(3), 2018, 17-22. ISSN 1221-6542.
5. **Iantovics, L.B.**: *Agents with Learning Capabilities*, Scientific Bulletin of "Petru Maior" University, Tg. Mures, XVII, 2004, 253-258. ISSN 1841-9267.
6. **Iantovics, L.B.**: *Evolutionary Learning Techniques*. Scientific Bulletin of "Petru Maior" University, Tg. Mureş, XV-XVI, 2002-2003, 121-124. ISSN 1841-9267.
7. Kountchev, R., **Iantovics, L.B.**, Todorov, V., Kountcheva, R.: *Access Management in Medical Image Databases Based on New Format and Contents Protection with Inverse Pyramid Decomposition*, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 2(2), 2011, 5-17. ISSN 2067-3957.
8. **Iantovics, L.B.**: *Cognitive Medical Multiagent Systems*, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 1(1), 2010, 12-21. ISSN 2067-3957.
9. **Iantovics, L.B.**: *The Intelligence of the Multiagent Systems*, Scientific Bulletin of "Petru Maior" University, Tg. Mureş, XV-XVI, 2002-2003, 125-129. ISSN 1841-9267.
10. Zamfirescu, C.B., Duţă, L., **Iantovics, L.B.**: *The Cognitive Complexity in Modelling the Group Decision Process*, BRAIN. Broad Research in Artificial Intelligence and Neuroscience, In: Iantovics, B., Radoiu, D., Marusteri, M., Dehmer, M. (Eds.), Special Issue on Complexity in Sciences and Artificial Intelligence, Vol 1, July, 2010, 69-79. ISSN 2067-3957.
11. **Iantovics, L.B.**: *Intelligent Agent-based Medical Systems*, Scientific Studies and Research, Series in Mathematics and Informatics, 19(2), 2009, 289-300. ISSN 2067-3566.
12. **Iantovics, L.B.**: *Knowledge-based mobile agents*, Acta Universitatis Apulensis, 17, 2009, 13-27. ISSN 1582-5329.
13. **Iantovics, L.B.**: *Problems Solving Using Assistant Agents*, Scientific Bulletin of the "Petru Maior" University, Tg. Mureş, XVIII, 2006, 173-179. ISSN 1841-9267.
14. **Iantovics, L.B.**: *A Knowledge-based Security Approach for Intrusion Detection*, International Journal of Digital Content Technology and its Applications, 9(5), 2015, 11-20. pISSN 1975-9339.
15. **Iantovics, L.B.**: *A Novel Mobile Agent Architecture*, Acta Universitatis Apulensis, 11, 2006, 295-306. ISSN 1582-5329.
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**Data**

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**Semnătura**

**László Barna IANTOVICS**

