

## LISTA LUCRĂRILOR PUBLICATE

### 1. TEZA DE DOCTORAT

**T1. „Modele formale computaționale utilizate pentru descrierea proceselor economice”,** în anul 2012, conducător de doctorat prof. Dr. Ghilic-Micu Bogdan, Academia de Studii Economice, București, confirmat prin Ordin MEC nr. 6149 din 07.11.2012

### 2. CĂRȚI PUBLICATE

- Oláh Péter, **Avram Călin**, Mărușteri Marius, *Introducere în biostatistică: aplicații practice*. Editura University Press Târgu Mureș, 2016, ISBN: 978-973-169-476-4
- Avram Călin, Baze de date , Editura University Press, Tîrgu Mureș, 2014,pag. 100, ISBN 978-973-169-332-3, cod CNCIS 210
- Simionescu Mircea, Avram Laura, **Avram Călin**, Eva Vasloban, Tiberiu Vașloban – *“Elemente de analiză macro, mezo și micro – economică”, vol. I*, Editura Napoca Star, Cluj-Napoca, ISBN 978-973-647-675-4, Cod CNCIS nr. 9, 2009;

### 3. Articole ISI

#### a) Articole în reviste ISI cu factor de impact

1. Florina R, **Calin A**, Raluca M. Physico-Chemical and Microbiological Differences between Mains and Bottled Water, in an Area in the Central Area of Romania. International Journal of Environmental Research and Public Health. 2023; 20(2):1115. <https://doi.org/10.3390/ijerph20021115> (FI 4.614)
2. **Calin Avram**, Laura Avram, Victoria Rus, Ion Mihai Georgescu, Florina Ruta, Peter Olah. Food Labels. Consumer Understanding of the Information Contained – A Pilot Study, Progress in Nutrition 2022; Vol. 24, Nr. 3: e2022100 DOI: 10.23751/pn.v24i3.13289 (**FI 0.567**)
3. **Calin Avram**, Oana Maria Bucur, Ancuța Zazgyva, Laura Avram, Florina Ruta. Vitamin Supplementation in Pre-Pregnancy and Pregnancy among Women—Effects and Influencing Factors in Romania. Int. J. Environ. Res. Public Health 2022, 19(14), 8503; <https://doi.org/10.3390/ijerph19148503>. (FI 4.614)
4. **Avram C**, Mărușteri M. Normality assessment, few paradigms and use cases. Rev Romana Med Lab. 2022;30(3):251-9. DOI:10.2478/rrlm-2022-0030 (FI 0.493)
5. Mihai Voda, Andrei Murgu, Constantin Adrian Sarpe, Steven Graves, **Calin Avram**. 2021.The Țigani Community Adaptability To Changes In Rural Romania And The Covid-19 Impact. International Journal of Environmental Research and Public Health, 2021, 18, 10622. Doi: 10.3390/ijerph182010622. (FI 4.614)
6. **Calin Avram**, Laura Avram, Peter Olah, Victoria Rus, Ion Mihai Georgescu, Oana Maria Bucur , Ruta Florina. 2021. Knowledge about food additives among adults – pilot study. Progress in Nutrition 2021; Vol. 23, N. 1, DOI: 10.23751/pn.v23i1.10631 (FI 0.323)
7. **Avram C**, Avram L, Ruța F, Georgescu IM, Rus V. 2020. **Consumer profile in terms of food label reading in Mures country, Romania– a pilot study**. Progress in Nutrition 2020; Vol. 22, N. 4: IN PRESS DOI: 10.23751/pn.v22i4.9225 ((**FI 0.567**))

8. Ruta F., Voidăzan S., Marginean C., **Avram C.**, Sipos R., Molnar C., Tarcea M., Penzes M., Fogarasi-Grenczer A., Meghea C., Fole K. L. **Evidence-Based Practices to Promote Tobacco Cessation During Pregnancy in a Sample of Romanian General Practitioners.** Journal of Community Health, (2020). Vol. 45, 3, pg 440-445. Doi: 10.1007/s10900-019-00754-2 (**FI 4.371**)
9. Iacob OM, Bacarea A, Ruta FD, Bacarea VC, Gliga FI, Buicu F, Tarcea M, **Avram C**, Costea GC Sin AI. Anthropometric indices of the newborns related with some lifestyle parameters of women during pregnancy in Tirgu Mures region - a pilot study. PROGRESS IN NUTRITION, 2018, Volume: 20 , Issue: 4, pp: 585-591, DOI: 10.23751/pn.v20i4.7080 (**FI 0.567**)
10. Ruta F., **Avram C.**, Voidazan S., Marginean C., Bacarea V., Abram Z., Foley K., Fogarasi-Grenczer A., Penzes M., Tarcea M., **ACTIVE SMOKING AND ASSOCIATED BEHAVIOURAL RISK FACTORS BEFORE AND DURING PREGNANCY - PREVALENCE AND ATTITUDES AMONG NEWBORNS' MOTHERS IN MURES COUNTY, ROMANIA**, Central European Journal of Public Health, 2016, Volume: 24 (4), 276-280 DOI: 10.21101/cejph.a4559 (**FI 1.154**)

## b) Articole în reviste ISI fără factor de impact

- Negrut G.A., **Avram C.**, Rachita A. Ruta F. Risk Factors for Obesity and Overweight in Children and Adolescents from Romania. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology 2022,79;1: 87-94. Doi: 10.15835/buasvmcn-fst:2021.0038
- **Avram C.**, Gligor A., Avram L., A Formal Model Based Automated Decision Making. Procedia Manufacturing Volume: 46, Pages: 573-579, DOI: 10.1016/j.promfg.2020.03.083
- Olah P., Movileanu I., Suciu N., Muji M., Marusteri M., Simionescu D., **Avram C.** Exploring Hierarchical Medical Data stored as Multi-trees in a Relational Database. International Conference on Advancements of Medicine and Health Care through Technology; 12th - 15th October 2016, Cluj-Napoca, Romania pp 219-222. [https://doi.org/10.1007/978-3-319-52875-5\\_47](https://doi.org/10.1007/978-3-319-52875-5_47)
- **Avram C.**, Avram Eleonora Laura, Gligor Adrian, **Formal Models for Describing Mathematical Programming Problem**, Procedia Economics and Finance, Volume 15, 2014, Editor Elsevier, Pages 1501–1506, ISSN: 2212-5671, doi:10.1016/S2212-5671(14)00617-0;
- **Calin A.**, Adrian G., Laura AE., **New approach on optimal decision making based on formal automata models**, Procedia Economics and Finance, Volume 3, 2012, Editor Elsevier, Pages 852–857, ISSN: 2212-5671, doi:10.1016/S2212-5671(12)00240-7
- **Avram C.**, Gligor A., Avram L., **Designing a system for modeling the economic processes based on formal models**, 12th International Conference on Informatics in Economy (IE 2013) „Education, Research & Business Technologies”, România, București, 25 – 28 aprilie 2013, publicat în book series: International Conference on Informatics in Economy, ISSN 2247 – 1480, pag. 249-253
- **Avram C.**, Avram L., **A formal model to describe an economic process**, The Eleventh International Conference on Informatics in Economy „Education, Research &

*Business Technologies*”, România, București, 10 – 11 mai 2012, publicat în Proceeding of the The 11th International Conference on Informatics in Economy Education, Research & Business Technologies, ISSN 2247 – 1480, pag. 506-510

- **Avram Călin, *Using Game Theory to Economic Determination***, MENDEL 2010 16th International Conference on Soft Computing, Brno, Czech Republic, june 23-25, ISBN 978-80-214-4120-0, p. 531-534

- Avram E.L.; Savu L.; **Avram C.**; Ignat A.B.; Vancea S.&Horja M. I., ***Investment Decision and its Appraisal***, The 20-th International DAAAM Symposium “*Intelligent Manufacturing & Automation: Focus on Theory, Practice and education*”, Viena, Austria, 25-28 noiembrie 2009, publicat în Annals of DAAAM for 2009&Proceedings of 20<sup>th</sup> International DAAAM Symposium, DAAAM International, Viena, Austria, 2009, p. 1905-1906

- Savu Lucian, Avram Laura, **Avram Călin** „ ***Investment management in conditions of global financial crisis***”, The 6th International Conference on Management of Technological Changes, 3-5 septembrie 2009, Alexandroupolis, Grecia, publicat în Proceedings of the 6th International Conference on Management of Technological Changes, Democritus University of Thrace, Greece, vol. II, p. 609-612

- Avram Laura, **Avram Călin**, „***Tax Burden in business climate***”, The 19-th International DAAAM Symposium “*Intelligent Manufacturing & Automation: Focus on Next Generation of Intelligent System and Solutions*”, University of Technology MTF, Trnava, Slovakia, 22-25 octombrie 2008, publicat în Annals of DAAAM for 2008&Proceedings, p. 41-42

- Popa, E.M., Vodă M., **Avram C.**, Pitic Alina Elena, Raulea Cristina Elena (2007), ***The implementation of a relationship database in Hihrology. HYDROweb application***, Proceeding of the 11<sup>th</sup> WSEAS International Conference on Computers: Computer Science and Technology, Vol.4, p. 157-162, ISBN 978-960-8457-92-8, IT, Index to Scientific & Technical Proceedings (ISTP/ISI Proceedings, an integrated index within [Web of Science®](#)), **articol A.** – anexa S1

#### 4. Articole în reviste indexate BDI

- Popșa R, Rus V, Avram C, Maior R, Hârșan ST, Golea C, Ruța F. Assessment of risk factors regarding nutrition and lifestyle during pregnancy in a group of women from southern Romania. *Medic.ro.* 2022;145(1):12-16. Doi:10.26416/Med.145.1.2022.6209

- Ruța F, Șipoș RS, Maior R, Hârșan ST, Rus V, Avram C. The effects of micronutrient supplementation during pregnancy. *Medic.ro.* 2021, nr. 140(2): , ISSN 1584-3513, e-ISSN 2066-8244, ISSN-L 1584-3513, DOI: 10.26416./Med.140.2.2021.4927

- Ruța F, Avram C, Potcoavă C, Șipoș RS, Maior R, Golea C, Rus V. Culinary Medicine – importance and benefits. *Medic.ro.* 2021, nr. 144(6), ISSN 1584-3513, e-ISSN 2066-8244, ISSN-L 1584-3513, DOI: 10.26416/Med.144.6.2034

- F. Ruta, C. Avram, A. Romonți, A. Galdea, R.S. Șipoș. Alimentația și stilul de viață al pacienților cu hiperuricemie și gută – mit versus realitate. *REVISTĂ DE EDUCAȚIE MEDICALĂ CONTINUĂ*, Anul XVII, Nr. 137 (5/2020), DOI: 10.26416/Med.137.5.2020.3870

- F. Ruta, C. Avram, A. Romonți, V. Rus, Oana Cristina Cînceanu, C. Golea, M. A. Badea. Nutriția pacientului cu fibroză chistică în contextul îngrijirii multidisciplinare. *Medic.ro.* Anul XVII, Nr. 138 (6/2020), DOI: 10.26416/Med.138.6.2020.3999

- Bucur OM, Avram C, Tarcea M, Sin AI, Ruța F. Mureș county women's behaviour associated with pregnancy risk factors. AMT, 2019, vol.24, no. 4, p.12-14. DOI: 10.1515/amma-2015-0051
- Rus V, Ruța F, Sălcudean M, Tarcea M, Șerban C, Avram C, Simion I, Benedek Th. Adherence to the DASH-style diet and the presence of cardiovascular risk factors in adults from Tirgu Mures. Journal of Interdisciplinary Medicine. 2018; 3(3): 134-140. DOI: 10.2478/jim-2018-0023 (EBSCO)
- Olah P., Muji M., Suciu N., Marusteri M., Avram C., EVALUATING THE USER ACCEPTANCE LEVEL OF A NOVEL TREE-BASED APPROACH ON MODELLING MEDICAL RESEARCH DATA, Scientific Bulletin of the "Petru Maior" University of Targu Mures, 2016, Volumul 13, Nr. 2, pag 16-21 (EBSCO)
- Ruța F, **Avram C**, Voidăzan S, Rus V, Georgescu M, Abram Z, Tarcea M, **Associated behavioral risks in a group of women during pregnancy from Mures District**, Acta Medica Marisiensis, 2015, published online of print, DOI: 10.1515/amma-2015-0051, <http://actamedicamarisiensis.ro/wp-content/uploads/2015/08/amma-2015-0051-aop.pdf>
- Rus V, Ruța F, **Avram C**, Tarcea M, **Prevalence of obesity overweight and high blood pressure in a suburban community of Tirgu Mureș County**, Acta Medica Transilvanica Sibiu, , 2015, Vol. 20, Nr. 3, ISSN: 1453-1968, pg.17-19
- **Călin Avram**, Eleonora Laura Avram, **GAME THEORY AND THE USEFULNESS IN ECONOMICS**, publicat în Academica Science Journal, Seria *Economica*, ISSN 2285-8067 (print version), ISSN 2285-8814 (online version), ISSN-L 2285-8067, No. 2(5) 2014, pag. 52-57, <http://academica.udcantemir.ro/wp-content/uploads/article/economica/e5/E5A4.pdf>
- Ruța F, Tarcea M, Stere V, Abram Z, **Avram C.**, **Identification of behavioural risk factors during pregnancy**, , publicat în BULETINUL STIINTIFIC ACADEMIEI FORTELOR TERESTRE "NICOLAE BALCESCU" din Sibiu, Revista B +, Cod CNCS 329, ISSN 2247-8396, ISSN-L 1224-5178 Volumul XX nr. 1 (39) / 2015 pg. 79-85
- **Călin Avram**, Eleonora Laura Avram, **Modeling languages classification of business processes**, publicat în **Academica Science Journal**, Seria *Economica*, ISSN 2285-8067 (print version), ISSN 2285-8814 (online version), ISSN-L 2285-8067, No. 2(3) December 2013, pag. 52-57, <http://academica.udcantemir.ro/wp-content/uploads/article/economica/e3/E3A11.pdf>
- Laurentiu Ciofica, Marian Cristescu, Constantin-Daniel Avram, **Călin Avram**, **The Cost Of A Service Oriented Application Development**, BULETINUL STIINTIFIC ACADEMIEI FORTELOR TERESTRE "NICOLAE BALCESCU" din Sibiu, Revista B +, Cod CNCS 329, ISSN 2247-8396, ISSN-L 1224-5178 Volumul XVII nr. 2 (34) / 2012 pg. 117
- **Călin Avram**, Adrian Gligor, Marian Cristescu, Liviu Ciofica, **The design of information system for implementation of formal models**, REVISTA ACADEMIEI FORTELOR TERESTRE, Revista B +, Cod CNCS 328, ISSN 2247-840X, ISSN-L 1582-6384, Vol. XVII, Nr. 4 (68) Trimestrul IV, 2012 pg. 413 ([http://www.armyacademy.ro/reviste/rev4eng\\_2012.html](http://www.armyacademy.ro/reviste/rev4eng_2012.html))
- **Călin Avram**, Eleonora Laura Avram, **A Formal Model Used To Describe an Economic Process - Bank Deposits**, Economy Informatics Journal, Revista B +, vol. 12, no. 1/2012, ISSN 1582-7941, EISSN 2247-8523, pag 129 (<http://www.economyinformatics.ase.ro/content/EN12/12%20-%20Avram.pdf>)
- **Călin Avram**, Eleonora Laura Avram, **Using the formal models in economic processes**, publicat în **Academica Science Journal**, Seria *Economica*, ISSN 2285-8067 (print

version), ISSN 2285-8814 (online version), ISSN-L 2285-8067, No. 1(1) November 2012 pag. 65-70,  
<http://academica.udcantemir.ro/wp-content/uploads/article/economica/e1/E1A9.pdf>

## 5. Rezumate manifestari stiintifice:

- Calin Avram, Laura Avram, Marius Marusteri. Correct application of the normality test for small data sets. 9th International Meeting on Statistical Methods in Biopharmacy, 19-21 September 2022, Paris.
- Victoria Ancuța Rus, Călin Avram, Alina Dia Trambitas-Miron, Online Educational Process During the COVID-19 Pandemic. A Student Survey. Applied Medical Informatics, Vol. 43, pp.37-37
- Calin Avram, Laura Avram, Marius Marusteri, The use of logistic regression to identify risk factors in a clinical study, Book 41st Annual Conference of the International Society for Clinical Biostatistics, 23 – 27 August 2020, Kraków, Poland. ISBN 978-83-942760-7-2, pag 291
- Avram Călin; Avram Laura; Rus Victoria; Olah Peter; Gligor Adrian. Formal model for a balanced and healthy nutritional plan. Applied Medical Informatics, suppl. Supplement 1; Cluj-Napoca Vol. 41, (2019): 42.
- Rus Victoria, Ruta Florina, Sipos Remus, **Avram Calin**, Salcudean Maria, Dogar Catalin, Tarcea Monica. Analysis of gluten-free diet in a group of people from Tirgu Mures. The 5th National Conference on Nutrition and Dietetics „Current nutritional approaches to food allergies and intolerances”. 4-5 Mai, Tirgu Mures, Romania. Acta Medica Marisiensis. 2018;64(2):14.
- Rus Victoria, Nașca Cristina, Dogar Cătălin, Sălcudean Maria, Șipos Remus, **Avram Călin**, Morariu Mirabela, Ruța Florina. Relationship between dash-style diet and chronic disease in Tirgu Mures adults. The 4th Dietitian National Conference “Child obesity - Updates, Prevention and Treatment Perspectives”, Târgu Mureș, 1-2.11.2017 (Rezumat publicat Acta Medica Marisiensis, 2017, 63(3):26, ISSN 2068-3324)
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## 6. Articole publicate volumele unor manifestări științifice

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- Avram Laura, **Avram Călin**, „*Assessment of business processes*”, International Symposium „Performance and innovation in education”, 28-29 octombrie 2011, „Dimitrie Cantemir” University of Tîrgu-Mureș, publicat în volumul simpozionului, Editura Risoprint, Cluj-Napoca
- **Avram Călin**, Avram Eleonora Laura, „*Economic models used in economics*” International Symposium „Performance and innovation in education”, 28-29 octombrie 2011, „Dimitrie Cantemir” University of Tîrgu-Mureș, publicat în volumul simpozionului, Editura Risoprint, Cluj-Napoca
- Laura Avram, Mircea Simionescu, Alexandru Bogdan Murgu, Doina David, Călin Florea, Traian Moldovan, Smaranda Vancea, **Călin Avram**, „*Students integration on the labor market through practical experience in virtual enterprise*”, International Symposium

„Performance and innovation in education”, 28-29 octombrie 2011, „Dimitrie Cantemir” University of Tîrgu-Mureş, publicat în volumul simpozionului, Editura Risoprint, Cluj-Napoca

- **Avram Călin, Avram Laura, „Using Game Theory to Evaluate the Bussines Processes”** International Symposium „Research education development”, 29-30 octombrie 2010, „Dimitrie Cantemir” University of Tîrgu-Mureş, publicat în volumul simpozionului, Editura Risoprint, Cluj- Napoca, p. 201-204

- Avram E.L.; Savu L.; **Avram C., *Investment Decision Making with Economic and Mathematic Model***, The 21-th International DAAAM Symposium *“Intelligent Manufacturing & Automation: Focus on Theory, Practice and education”*, Zadar, Croația, 20-23 octombrie 2010, publicat în Annals of DAAAM for 2010 & Proceedings of 21<sup>th</sup> International DAAAM Symposium, DAAAM International, Zadar, Croația, 2010, p. 0343-0344

- Avram Laura, **Avram Călin, „Investment decision making with economic and mathematic model”**, International Symposium „Dimensions of change at the beginning of the XXI<sup>ST</sup> Century”, 23-24 octombrie 2009, „Dimitrie Cantemir” University of Tîrgu-Mureş, publicat în volumul simpozionului, Editura Risoprint, Cluj-Napoca, p. 177-190

- **Avram Călin, Avram Laura, „The Internet with IPv6 Protocol”**, International Symposium „Dimensions of change at the beginning of the XXI<sup>ST</sup> Century”, 23-24 octombrie 2009, „Dimitrie Cantemir” University of Tîrgu-Mureş, publicat în volumul simpozionului, Editura Risoprint, Cluj-Napoca, p. 225-228

- **Avram C., Vodă M. (2007), *Internetul și dezvoltarea turistică a unei zone***, în volumul Conferinței Internaționale *“Dezvoltarea regională și multiculturalitate în Uniunea Europeană”*, Univestitatea “Dimitrie Cantemir” din Tîrgu-Mureş, 26-27 octombrie 2007, Editura Risoprint, Cluj-Napoca, 2007, p. 507-510

- Vodă M., **Avram C. (2007), *Rolul sistemului Greyhound în turismul american***, în volumul Conferinței Internaționale *“Dezvoltarea regională și multiculturalitate în Uniunea Europeană”*, Univestitatea “Dimitrie Cantemir” din Tîrgu-Mureş, 26-27 octombrie 2007, Editura Risoprint, Cluj-Napoca, 2007, p. 345-350

- Avram Călin, ***Promovarea site-urilor online***, în volumul Sesiunii de comunicări științifice, Universitatea “Dimitrie Cantemir”, Tîrgu-Mureş, octombrie 2006

- Avram Călin, ***Baze de date pentru internet***, în volumul Proiectului Phare 2002 „Coeziunea Economică și Socială” Linia de buget RO-2002/000-586.05.02.02, Editura “Dimitrie Cantemir”, Tîrgu-Mureş, 2005

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