Conf. ing. dr. ec. DROB CĂTĂLIN

LISTA DE LUCRĂRI REPREZENTATIVE

1. Teza de doctorat

"Analiza și dezvoltarea modelelor privind cererea pentru bunuri de capital" - Conducător științific: Prof. univ. dr. ec. Zaiț Dumitru, Universitatea "Al. I. Cuza" Iași, Facultatea de Economie și Administrarea Afacerilor.

2. Cărți şi capitole în cărți

1. *Drob, C.*, - "Management de proiect", Editura Alma Mater, Bacău, 2010, ISBN 978-606-527-050-4.

2. *Drob, C.*, - "Investiţii directe de capital", Editura Alma Mater, Bacău, 2009, ISBN 978-606-527-016-9.

3. Turcu, L.O., Ciucescu, N., *Drob, C.,* Feraru, A., Mironescu, R., Simionescu Gh., Stan, A., "Management", Editura Alma Mater, Bacău, 2008, ISBN 978-973-1833-81-1.

4. Turcu, L.O., *Drob, C.,* Negoiță, C.M., Oltu, Gh. G., "Analiza diagnostic a firmei. Studiu de caz", Editura Alma Mater, Bacău, 2014, ISBN 978-606-527-424-4.

5. *Drob, C.,* Macarie F., - "Management de proiect. Note de curs şi seminar", Editura Alma Mater, Bacău, 2007, ISBN 978-973-8392-76-2.

6. *Drob, C.,* - "Economie generală. Note de curs şi seminar", Editura Alma Mater, Bacău, 2007, ISBN 978-973-8392-75-5.

7. *Drob, C.,* - "Economie generală. Curs remedial pentru studenți", Editura DocuCenter, Bacău, 2020, ISBN: 978-606-721-423-9.

3. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

1. *Drob, C.,* Plescau, I, Zichil, V., "Capital Market Development and Economic Growth in Romania: A Supply-Leading ARDL Analysis", International Journal of Financial Studies, 2026, 14, no. 7: 170.

2. *Drob, C.,* Plescau, I, Zichil, V., "Foreign Direct Investments and Economic Growth in Romania: A Time-Series Approach for Sustainable Development", Sustainability 2025, 18, 343.

3. Grigoraș C.G., Simion, A.I., *Drob, C.,* "Hydrogels Based on Chitosan and Nanoparticles and Their Suitability for Dyes Adsorption from Aqueous Media: Assessment of the Last-Decade Progresses", Gels 10(3): 211, Volume 10, Issue 3, 2024, ISSN online : 2310-2861.

4. Topliceanu, L., Puiu, P.G., *Drob, C.,* Topliceanu, V., "Analysis Regarding the Implementation of the Circular Economy in Romania", Sustainability 1(1): 333, Volume 1, Issue 1, 2023, eISSN: 2071-1050.

5. Plescau, I, Drob, C., "Face-to-Face versus Online or Hybrid: How Students Perceive the Educational Framework", "Ovidius" University Annals, Economic Sciences Series, Volume XXIII, Issue 1 /2023, pag. 488-495.

6. Grigoraș C.G., Simion, A.I,, Favier, L., *Drob, C.,* Gavrilă, L., "Performance of Dye Removal from Single and Binary Component Systems by Adsorption on Composite Hydrogel Beads Derived from Fruits Wastes Entrapped in Natural Polymeric Matrix", Gels 8(12): 795, Volume 8, Issue 12, 2022, ISSN online : 2310-2861.

7. *Drob, C.,* Zichil, V., Grigoras, C., Ciubotariu, V.A., Feraru-Prepeliță, A., "The evolution of the capital market in Romania in the context of the Covid-19 pandemic", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Științe Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 35 / 2022, pag. 41-48, p-ISSN: 2066-561X, e-ISSN: 2344-1321.

8. Petrea, L., Stan, Gh., *Drob, C.* "The influence of the thermal regime on the guideways of the main actuation of a gantry type CNC machine", International Journal of Modern Manufacturing Technologies, 2022, vol 14 (2), pag. 181-187, ISSN: 2067–3604.

9. Stoica, A., Stan, Gh., *Drob, C.,* "Increasing the positioning accuracy of the feed kinematic linkages of CNC machine tools through the calibration method", International Journal of Modern Manufacturing Technologies, 2022, vol 14 (2), pag. 245-250, ISSN: 2067–3604.

10. Grigoras, C.,, Zichil, V., Ciubotariu, V.A., *Drob, C.,* "Advantages of using the finite elements method in stress analysis and isostatic curves, as opposed to the photoelasticity method, in e-learning", Acta Universitatis Cibiniensis – Technical series, 2021, Vol. 73, Pag. 1-6

11. Zichil V*, Drob, C*., "Particularities of production planning in S.C. AEROSTAR S.A.", Revista de Management şi Inginerie Economică, Vol. 17, Nr. 1 (67), 2018, pag. 46-52, ISSN 1583-624X.

12. *Drob, C., –* "Particular aspects regarding entrepreneur and entrepreneurial culture", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Științe Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 23/2016, pag. 65-70, p-ISSN: 2066-561X, e-ISSN: 2344-1321.

13. *Drob, C.,* "Overview about the management of the human resource in projects", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Științe Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 21/2015, pag. 71-75, p-ISSN: 2066-561X, e-ISSN: 2344-1321.

12. *Drob, C.,* "Recent evolution of the capital markets in Romania", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Științe Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 20 / 2014, pag. 122-127, p-ISSN: 2066-561X, e-ISSN: 2344-1321.

13. Mironescu, R., Feraru, A., *Drob, C.,* "Lifelong learning as a premise for building the learning organization in the Romanian SME'S", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Științe Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 19 / 2014, pag. 145-154, p-ISSN: 2066-561X, e-ISSN: 2344-1321.

14. *Drob, C.,* "Risk and foreign direct investment in Romania", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Științe Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 19 / 2014, pag. 139-144, p-ISSN:2066-561X, e-ISSN:2344-1321.

15. *Drob, C.,* "Overview about project quality management", Studii si Cercetări Ştiinţifice, seria Ştiinte Economice, Facultatea de Stiinte Economice, Universitatea "Vasile Alecsandri" din Bacău, No. 18 / 2013, pag. 231-236, p-ISSN:2066-561X, e-ISSN:2344-1321.

16. *Drob, C.,* Zichil, V., "Overview regarding the main guidelines, standards and methodologies used in project management", Journal of Engineering Studies and Research, Facultatea de Inginerie, Universitatea "Vasile Alecsandri" din Bacău, Vol. 19, No. 3/2013, pag. 26-31, p-ISSN: 2068-7559.

17. *Drob, C*., Zichil, V., "Recent aspects concerning SMS'E from North-East region of Romania", Journal of Engineering Studies and Research, Facultatea de Inginerie, Universitatea "Vasile Alecsandri" din Bacău, Vol. 19, No. 4/2013, pag. 7-11, p-ISSN: 2068-7559.

4. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

1. *Drob, C*., Zichil, V., Plescau, I., "Post-Pandemic challenges concerning feminine vs masculine leadership", Proceedings of the 9th Review of Management and Economic Engineering International Management Conference " Rethinking Management in Adaptive Environments", UTPRESS Cluj-Napoca, ISSN: 2247-8639, pp. 134-139, 2024.

2. Buzoianu-Cârtiță, C. Zichil, V., *Drob, C.,* Amălăncei, B.M., "Post-Pandemic challenges concerning feminine vs masculine leadership", Proceedings of the 8th Review of Management and Economic Engineering International Management Conference "Management Challenges and Opportunities in the Post-Pandemic Reality", Todesco Publishing House, ISSN: 2247-8639, pp. 134-139, 2022.

3. Drob, C., Zichil, V., "Improving strategic management in business fixed capital investment", Proceedings of the 7th Review of Management and Economic Engineering International Management Conference " Management Challenges within Globalization", Todesco Publishing House, ISSN: 2247-8639, pp. 499-504, 2020.

4. *Drob, C.,* Zichil, V., Buzoianu-Cârtiță, C. "Behind Making Decisions: An Overview Regarding Romanian Managers", Proceedings of the 6th Review of Management and Economic Engineering International Management Conference "Performance Management or Management Performance?", Todesco Publishing House, ISSN: 2247-8639, pp. 335-339, 2018.

5. Buzoianu-Cârtiță, C. Zichil, V., *Drob, C.,* "Communication Within Managerial Culture", Proceedings of the 6th Review of Management and Economic Engineering International Management Conference "Performance Management or Management Performance?", Todesco Publishing House, ISSN: 2247-8639, pp. 150-155, 2018.

6. *Drob, C.,* Mironescu, R., Feraru, A., "Uncertainties, predictions and realities about the evolution of the Romanians SMEs*",* Proceedings of the 20th International Economic Conference – IECS 2013, Universitatea "Lucian Blaga", Sibiu, Facultatea de Ştiinţe Economice, Sibiu, 17-18 May, 2013, pag. 108-112, ISSN 2344-1682.

7. Mironescu, R., Feraru, A., *Drob, C*., "Particular aspects in the Intellectual Capital Management of the Romanian SMEs", Proceedings of the 5th European Conference on Intellectual Capital, University of the Basque Country, Bilbao, Spain, 11-12 April 2013, pag. 593-596, E-Book ISBN: 978-1-909507-15-9, E-Book ISSN: 2049-0941, Book version ISBN: 978-1-909507-13-5.

8. Zichil, V., *Drob, C.,* Schnakovszky, C., "The competencies dilemma between east and west for economics engineering graduates", Proceedings of the 3rd Review of Management and Economic Engineering International Management Conference, 13-15 septembrie 2012, Cluj-Napoca, pag. 199-204, ISSN 2247-8639.