

LISTA DE LUCRĂRI

Candidat: Lect.univ.dr. BANȚA V. Viorel-Costin - **Dr./** din 2022

1. Lista de lucrări / realizări profesionale proprii:

Articole în revista ISI Web of Knowledge

1. **Viorel Costin Banța**, Ioan-Ștefan Sacala, Daniela Țuțui, Raluca Florentina Crețu, Elena Claudia Șerban, Manufacturing Processes in the Era of Industry 4.0. Case Study: Analysis of a System Architecture in Automotive Industry, Source: STUDIES IN INFORMATICS AND CONTROL, Volume 33, Issue 3, DOI 10.24846/v33i3y202409, Published SEP 2024, Indexed 2024-10-29, Document Type: Article; ISSN: 1220-1766; **WOS:001338136400009**; IDS Number: J6K5H; <https://0410qxkfs-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001338136400009>
2. **Viorel Costin Banța**, Bunea Ștefan, Daniela Țuțui, Raluca Florentina Crețu, Challenges in Information Systems Curricula: Effectiveness of Systems Application Products in Data Processing Learning in Higher Education through a Technological, Organizational and Environmental Framework. Source ELECTRONICS, Volume 13, Issue 18, DOI 10.3390/electronics13183616, Article Number 3616, Published SEP 2024, Indexed 2024-10-07, Document Type Article, Accession Number **WOS:001323868000001**, eISSN 2079-9292, IDS Number H5M0A, <https://0410qxkfs-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001323868000001>
3. Raluca Florentina Crețu, Daniela Țuțui, **Viorel Costin Banța**, Elena Claudia Șerban, Laura Eugenia Lavinia Barna, and Romeo Cătălin Crețu, Effects of Artificial Intelligence-Based Technologies Implementation on the Skills Needed in the Automotive Industry – A Bibliometric Analysis. Amfiteatru Economic, 26(67), pp. 801-816, ISSN 1582-9146, Published aug. 2024, Indexed 2024-08-30, **WOS:001289160200007**, doi.org/10.24818/EA/2024/67/801, <https://amfiteatruconomic.ro/ArticolEN.aspx?CodArticol=3337>, <https://0410qxkfs-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001289160200007>.
4. Sahlian Daniela Nicoleta; Popa Adriana Florina; Banța Viorel Costin; Rapan Claudia Mihaela; Chiriac Silviu Cornel Virgil, The Value Relevance of Financial Performance and ESG Scores During Tumultuous Economic Periods, Source EASTERN EUROPEAN ECONOMICS, Volume 62, Issue 4, Page 528-546, DOI 10.1080/00128775.2023.2225500; Published JUL 3 2024, Indexed 2023-07-01, Document Type Article, Accession Number **WOS:001010721400001**, ISSN 0012-8775, eISSN 1557-9298, IDS Number TU8O3, <https://0410qxkfs-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001010721400001>
5. **Banța, Viorel Costin**, Cojocaru, D., Moisesescu, M.A., Sacala, I.S., 2014, „Software Design for Oil Industry Metrology Systems”, Studies in Informatics and Control, vol. 23 (4), pp. 359-371, 2014 (Philadelphia-based Institute of Scientific Information (ISI) / Thomson Scientific-SCIEx (since 2008), Journal Metric Values 2013 - Thomson Reuters Impact Factor: 0,605, Article Influence Score (AIS): 0,084), ISSN 1220-1766, **WOS:000346943300006**
6. Popescu Gh., C. R., **Banța, Viorel Costin**, "Performance Evaluation of the Implementation of the 2013/34/EU Directive in Romania on the Basis of Corporate Social Responsibility Reports", Sustainability 2019, 11(9), 2531; Impact Factor: 2,592; <https://doi.org/10.3390/su11092531>; **WOS:000469518700079**
7. Costetchi, N., Stanescu, A.M., Moisesescu, M.A., Sacala, I.S., **Banța, Viorel Costin**, „Focused - liquid enterprise system architecture to support e-health applications”, Vol. 17 (4), pp. 55-68, 2015, University Politehnica of Bucharest scientific bulletin series c-electrical engineering and computer science, ISSN 2286-3540, **WOS:000421811300005**
8. **Banța Viorel Costin**, Rîndașu Sinziana-Maria, Tănăsie Anca, Cojocaru Dorian, „Artificial intelligence in the accounting of international businesses: a perception-based approach”, SUSTAINABILITY, MDPI, BASEL, SWITZERLAND, Volum 14, Ediția 11, DOI: 10.3390/su14116632; eISSN 2071-1050, 2022. **WOS:000809118700001**, Categori WOS: Green & Sustainable Science & Technology, Environmental Sciences, Environmental Studies
9. Crețu Romeo Catalin; Alecu Ioan Iulian; Beia Ionut Silviu; **Banța Viorel Costin**; Stefan Petrick; „RESEARCH ON THE IMPACT OF THE HOSTILITIES IN UKRAINE ON TOURISM IN THE DANUBE DELTA”, Source SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT; Volume 24; Issue 2; Page 391-396; Published 2024; Indexed 2024-07-22; Document Type: Article; Accession Number: **WOS:001264962000042**; ISSN 2284-7995; eISSN 2285-3952; IDS Number XX4L4
10. Crețu, R.C., Gurban, G., Alecu, I.I., **Banța, V.C.**, Stefan, P., „ANALYSIS OF THE PERCEPTION OF CONSUMERS IN ROMANIA TOWARDS THE USE OF INSECTS AND ARTIFICIAL MEAT IN PUBLIC FOOD”, Source SCIENTIFIC PAPERS-SERIES MANAGEMENT ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT, Volume 24, Issue 3, Page 257-264, Published 2024, Indexed 2025-01-11, Document Type Article, Accession Number **WOS:001390217300021**, ISSN 2284-7995, eISSN 2285-3952, IDS Number R3A4L

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1. **Banța, V.C.**, „*Methods, Models And Workflow Used In Key Performance Indicators Software - A Case Study*”, Annals of the University of Tg Jiu, Series: Economy, Vol. 02, 2018, ISSN 2344-3685, ISSN-L 1844-7007
2. **Banța, V.C.**, „*KPI - Methods and Techniques used for accounting inside ERP SAP- A study case*”, Annals of the University of Craiova, Series: Economy, Vol. 01 (46), 2018, ISSN 1223-365X
3. **Banța, V.C.**, „*Integration Of KPI Applications in the Management Accounting Suites Using Sap Fiori, Portal And Cloud. A Study Case*”, 2018., Annals of the University of Tg Jiu, Series: Economy, ISSN 2344-3685, ISSN-L 1844-7007
4. **Banța, V.C.**, „*Adoption of a KPI solution for accounting area inside SAP system. An oil and gas company case study*”, TJEB-Timisoara Journal of Economics and Business, Volume 11, Issue 01, 2018, ISSN 2286-0991, ISSN-L 2286-0991, Indexed: EBESCO, DOAJ, RePEc
5. **Banța, V.**, Cojocaru, D., Moisescu, M.A., Sacala, I.S., 2014, „*Release Management Tool – A Software Application for Release and Development Management*”, Applied Mechanics and Materials, Vol. 656 (2014), pp. 524-533, Trans. Tech. Publications, Switzerland, doi: 10.4028/www.scientific.net/AMM.656.524 (indexed Elsevier: SCOPUS, Ei Compendex, ISI (ISTP, CPCI, Web of Science)), ISSN 1662-7482
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8. **Banța, V.C.**, Cojocaru, D., 2017, „*Integration of metrology principles in the next generation of ERP using SAP Fiori interface, collaboration, SaaS and SOA*”, Annals of the University of Craiova, Series: Automation, Computers, Electronics and Mechatronics, Vol. 13 (40), No. 1, p40-47, 2016, ISSN 1841-0626
9. **Banța, V.C.**, Cojocaru, D., 2017, „*SAP from design and implementation to a university course. A case study.*”, Annals of the University of Craiova, Series: Automation, Computers, Electronics and Mechatronics, Volume 14 (41), no. 2, pages 34-40, CNCSIS code 11 category B+, internationally indexed, starting with 2010, BDI), ISSN: 1841-0626.
10. **Banța, V.C.**, „*The difficulties of transformation SAP ERP system from actual landscape to S/4Hana digitalization environment. A case study*”, Annals of the University of Tg Jiu, Series: Economy, Vol. 02, 2019, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
11. **Banța, V.C.**, „*Analysis on the end user perception about an ERP implementation. A case study for production area.*”, Annals of the University of Tg Jiu, Series: Economy, Vol. 04, 2019, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
12. **Banța, V.C.**, Boldeanu M.D., „*Designing robust SAP rollout plan for the ERP implementation system in Romania. Insights from the production company case.*”, Annals of the University of Craiova, Series: Economy, Vol. 01 (47), 2019, ISSN 1223-365X, Indexed: RePEC, EBESCO, CEEOL
13. **Banța, V.C.**, „*SAP rollout implementation inside production and distribution company. Client satisfaction survey. A case study*”, Annals of the University of Craiova, Series: Economy, Vol. 01 (47), 2019, ISSN 1223-365X, Indexed: RePEC, EBESCO, CEEOL
14. **Banța, V.C.**, „*SAP WMS implementation module – constraints, risks and issues. A case study from automotive area.*”, Annals of the University of Craiova, Series: Economy, Vol. 02 (48), 2019, ISSN 1223-365X, Indexed: RePEC, EBESCO, CEEOL
15. **Banța, V.C.**, „*The impact, risks and difficulties encountered in an ERP SAP rollout in Romania. A case study inside an global automotive company*”, INTERNATIONAL CONFERENCE “INFORMATION SOCIETY AND SUSTAINABLE DEVELOPMENT” - ISSD 2019 Targu-Jiu, Romania, May, 10-11, 2019, Annals of the University of Tg Jiu, Series: Economy, Vol. 05, 2019, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
16. **Banța, V.C.**, „*Implementation of an ERP - Analysis and Recommendations in the IT Unit Testing Phase. A Case Study (I).*”, Annals of the University of Tg Jiu, Series: Economy, Vol. 05, 2019, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
17. **Banța, V.C.**, „*SAP SD - Implementation of an ERP system - analysis and recommendations in the IT Unit Testing Phase. A case study (II).*”, Annals of the University of Tg Jiu, Series: Economy, Vol. 06, 2019, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
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21. **Banța, V.C.**, „Application of RPA solutions near ERP systems - in the business environment related to the production area. A case study.”, Annals of the University of Craiova, Series: Economy, Vol. 01 (49), 2020, ISSN 1223-365X, Indexed: RePEC, EBESCO, CEEOL
22. **Banța, V.C.**, „The impact of the implementation of AI and RPA type solutions in the area related to forecast and sequencing in the production area using SAP. A case study.”, Annals of the University of Craiova, Series: Economy, Vol. 02 (50), 2020, ISSN 1223-365X, Indexed: RePEC, EBESCO, CEEOL
23. Răpan C.M., Banța V.C., Manea A., Aridah M.W., „Value Relevance of ESG Scores: Evidence from European Stock Exchange Markets”, Oblik i finansi [Accounting and Finance], Issue 2(96), on June 30, 2022, ISSN 2307-9878 (Print), ISSN 2518-1181 (Online), DOI 10.33146/2307-9878, <http://www.afj.org.ua/pdf/904-relevantnist-cinnosti-ocinok-esg-dani-evropeyskih-fondovih-rinkiv.pdf>
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25. Manea A., Banța V.C., Răpan C.M., „Comparison of Professional Accounting Associations' Inclusion of Ethics in the Practical Experience Requirement”, Oblik i finansi [Accounting and Finance], Issue 2(96), on June 30, 2022, ISSN 2307-9878 (Print), ISSN 2518-1181 (Online), DOI 10.33146/2307-9878, <http://www.afj.org.ua/pdf/899-porivnyannya-vklyuchennya-etiki-profesijnimi-buhgalterskimi-asociacijami-do-vimog-praktichnogo-dosvidu.pdf>
26. Babeanu, S.A., Banța V.C., Țurcan C.D., GENERAL FRAMEWORK OF INNOVATIVE BUSINESS MODEL IN INDUSTRY 4.0 FOR AUTOMOTIVE CLIENTS, Annals of the University of Craiova, Series: Economy, Vol. 01 (50), 2022, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL
27. Banța V.C., Țurcan C.D., Babeanu, S.A., THE IMPACT OF THE AUDIT ACTIVITY, USING AI, RPA AND ML IN THE ACTIVITY OF CREATING THE DELIVERY LIST AND THE PRODUCTION PLAN IN CASE OF A PRODUCTION RANGE. A CASE STUDY, Annals of the University of Craiova, Series: Economy, Vol. 01 (50), 2022, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL
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29. Babeanu, S.A., Banța V.C., Răpan C.M., Țurcan C.D., GENERAL ELEMENTS OF MARKET ANALYSIS FOR CUSTOMER SELECTION CRITERIA USING EXISTING AUTOMOTIVE SALES DATABASES, Annals of the University of Craiova, Series: Economy, Vol. 02 (50), 2022, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL
30. Țurcan C.D., Babeanu, S.A., Răpan C.M., Banța V.C., MISTRUST AND DOUBT IN CLOUD ACCOUNTING, Annals of the University of Craiova, Series: Economy, Vol. 02 (50), 2022, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL
31. Banța V.C., Răpan C.M., Babeanu, S.A., Țurcan C.D., THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE DEVELOPMENT OF AN AUDIT PLAN FOR ORDERS IN THE AUTOMOTIVE INDUSTRY. A CASE STUDY, Annals of the University of Craiova, Series: Economy, Vol. 02 (50), 2022, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL
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33. Andreea Gabriela Tănase, Daniela Șerban, Cosmin-Octavian Dobrin, Viorel - Costin Banța, THE IMPACT OF INTELLIGENT TECHNOLOGIES IN THE CONTEXT OF INDUSTRY 4.0 ON THE PRODUCTION PROCESSES FOUND IN THE AUTOMOTIVE INDUSTRY. A CASE STUDY OF INVESTMENT Annals of the University of Craiova, Series: Economy, Vol. 01 (51), 2023, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL
34. Banța V.C., Țurcan C.D., Babeanu, S.A., THE IMPACT OF THE AUDIT ACTIVITY, USING AI, RPA AND ML IN THE ACTIVITY OF CREATING THE DELIVERY LIST AND THE PRODUCTION PLAN IN CASE OF A PRODUCTION RANGE. A CASE STUDY, Annals of the University of Craiova, Series: Economy, Vol. 01 (50), 2022, ISSN 1223-365X, Indexed: RePEC, EBESCO, DOAJ, CEEOL

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5. **Banța, V.C.**, Cojocaru, D., „*Calibration Oil Reservoirs - A Software Application for Metrology*”, 18th International Conference on System Theory, Control and Computing Joint Conference SINTES 18, SACCS 14, SIMSIS 18, p440-445, October, 17-19, 2014, Sinaia, Romania. (DOI: 10.1109/ICSTCC.2014.6982455, INSPEC Accession Number: 14826496), ISBN 978-1-4799-4602-0
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10. **Banța, V.C.**, Boldeanu, M.D., "The impediments of an environmental SAP rollout process inside sales and distribution enterprise: Analysis of and lessons learned from the Romanian case", 14th International Conference Accounting and Management Information Systems, pXX-XX, June, 5-6, 2019, Bucharest, Romania, ISBN 2247-6245, ISSN-L 2247-6245
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17. **Banța V.C.**, Tănase A., Cojocaru D., „THE MAIN BENEFITS RISKS OF ADOPTING ROBOTIC PROCESS AUTOMATION IN BIG FOUR COMPANIES FROM ROMANIA. A CASE STUDY”, 25th International Conference on System Theory, Control And Computing (ICSTCC), trimisă și susținută, 2021, WOS: 000859487900056
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19. **Șerban D.**, **Tănase A.G.**, **Țurcan C.D.**, **Banța V.C.**, „STOCK MARKETS AND THE PERFORMANCE OF THEIR ECONOMIES IN THE INDUSTRY 4.0 CONTEXT: A CROSS-COUNTRY EUROPEAN ANALYSIS (2012-2022)” Conferința internațională: ECOTREND 2023 - Digitalization-Sustainability-Competitiveness, XX-a ediție, 17-18.11/2023, Tg Jiu, publicat in Annals of the University of Tg Jiu, Nr. 1, 2024, pg. 1-6, ISSN, ISBN 2344-3685
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