

LISTA DE LUCRĂRI

Candidat: BANȚA V. Viorel-Costin - **Dr./** din 2015

1. Lista de lucrări / realizări profesionale proprii:

Articole în revista ISI Web of Knowledge

1. **Banța, V.C.**, Cojocaru, D., Moisescu, 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
2. Popescu Gh., C. R., **Banța V.C.**, "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
3. Costetchi, N., Stanescu, A.M., Moisescu, M.A., Sacala, I.S., **Banța, V.C.**, „*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

Articole publicate în reviste indexate în minim două baze de date internaționale

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
6. **Banța, V.C.**, Cojocaru, D., 2014, „*Methods, Models and Workflow used in Calibration Oil Reservoirs Software*”, Annals of the University of Craiova, Series: Automation, Computers, Electronics and Mechatronics, Vol. 10 (37), No. 2, pp. 1-7, 2013, Editura Universitaria, Craiova, 2014 (CNCSIS code 11 category B+, internationally indexed, starting with 2010, BDI), ISSN 1841-0626
7. **Banța, V.C.**, Cojocaru, D., Tanasie, R.T., „*A Software Application for the Gas Transport and Distribution Management*”, Annals of the University of Craiova, Series: Automation, Computers, Electronics and Mechatronics, Vol. 10 (37), No. 2, 2012, pp. 1-6, Editura Universitaria, Craiova, 2013 (CNCSIS code 11 category B+, internationally indexed, starting with 2010, BDI), ISSN 1841-0626
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
18. **Banța, V.C.,** „*SAP MM/WMS - Implementation of an ERP system - analysis and recommendations in the it unit testing phase. A case study (III).*”, Annals of the University of Tg Jiu, Series: Economy, Vol. 01, 2020, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
19. **Banța, V.C.,** „*Major aspects encountered in the RPA projects implemented within Romanian companies with management based on ERP solutions*”, Revista de Științe Politice Craiova No. 66, 2020, ISSN 2344 – 4452, ISSN–L 1584 – 224X, Indexed: EBESCO, ProQuest, ERIH+
20. **Banța, V.C.,** „*Social problems and risks in a multinational company, after the adoption of an ERP information system and RPA technologies*”, UNIVERSITARY JOURNAL OF SOCIOLOGY Craiova, No. 1 / 2020, ISSN: 2537-5024, ISSN-L: 1841-6578, Indexed: EBESCO, REPEC, ERIH+
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

Articole publicate în volumul unor conferințe naționale sau internaționale

1. **Banța, V.C.,** Cojocaru, D., 2017, „*Integration of metrology applications in the calibration reservoir suites using SAP Fiori, Portal and Cloud. A study case*”. 21th International Conference on System Theory, Control and Computing Joint Conference SINTES 21, SACCS 21, SIMSIS 21, p302-307, 19 - 21 October 2017, Sinaia, Romania, ISBN 978-1-5386-3842-2, IEEE Catalog Number CFP1736P-ART, ISBN 978-1-5386-3841-5, IEEE Catalog Number CFP1736P-USB
2. **Banța, V.C.,** Cojocaru, D., 2015, “*Enterprise System Based on Customer Integrated ERP Using Enabled Learning Organization in Metrology area*”, 19th International Conference on System Theory, Control and Computing Joint Conference SINTES 19, SACCS 15, SIMSIS 19, 14-16 October, 2015, Romania
3. **Banța, V.C.,** Cojocaru, D., „*Development Center Tool a Software Application for Change Request Management*”, 17th International Conference on System Theory, Control and Computing Joint Conference SINTES 17, SACCS 13, SIMSIS 17, p42-47, 11-13 October 2013, Sinaia, Romania, IEEE Catalog Number CFP1336P - CDR, Digital Object Identifier: 10.1109/ICSTCC.2013.6688933, ISBN 978-1-4799-2228-4, ISBN 978-1-4799-2227-7
4. **Banța, V.C.,** Cojocaru, D., 2018, „*Specific Management Applications Inside a SAP System for Oil and Gas Company*”, ICSTCC 2018, 22nd International Conference on System Theory, Control and Computing, October 10 - 12, Sinaia, Romania, DOI: 10.1109/ICSTCC.2018.8540666, ISSN: 2372-1618.
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
6. **Banța, V.C.,** „*ERP SAP Implementation Project - Training Key Users Phase inside Accounting Department. A Case Study.*”, International Scientific Conference ECOTREND Tg-Jiu, 2019, Annals of the University of Tg Jiu, Series: Economy, Vol. 01, 2020, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
7. **Banța, V.C.,** „*The impact of SAP International Development Team across the stages of ERP Implementation. A case study.*”, International Scientific Conference ECOTREND Tg-Jiu, 2019, Annals of the University of Tg Jiu, Series: Economy, Vol. 06, 2019, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC
8. **Banța, V.C.,** Cojocaru, D., 2019, „*Global rollouts - risks and factors that affect ERP solutions in Romania. A case study in the sales and distribution area.*”, ICSTCC 2019, 23rd International Conference on System Theory, Control and Computing, October 9 - 11, Sinaia, Romania, DOI: 10.1109/ICSTCC.2019.8885535
9. **Banța, V.C.,** „*KPI Tool – A software applications for monitoring the situation of input data in ERP for accounting department – A study case*”, 13th International Conference Accounting and Management Information Systems, p28-43, June, 13-14, 2018, Bucharest, Romania, ISBN 2247-6245, ISSN-L 2247-6245

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
11. **Banța, V.C.,** „The benefits of adopting AI and RPA solutions - using ERP as an integrated information system - in the production area. A case study.”, INTERNATIONAL CONFERENCE “INFORMATION SOCIETY AND SUSTAINABLE DEVELOPMENT” - ISSD 2020 Targu-Jiu, Romania, September, 11-12, 2020, Indexed: EBESCO, DOAJ, REPEC
12. **Banța, V.C.,** Tanasie A., Cojocaru, D., „Enterprise Resource Planning for Robotic Process Automation in Big Companies. A Study Case.”, 24th International Conference on System Theory, Control and Computing Joint Conference SINTES 24, SACCS 20, SIMSIS 24, CONTI 13, 8 - 10 October 2020, Sinaia, Romania
13. **Banța, V.C.,** Boldeanu, M.D., "The role-person fit performance assessment strategy - implementation ERP versus RPA in the production area - risks, difficulties and benefits. A case study.”, 15th International Conference Accounting and Management Information Systems, pXX-XX, September, 5, 2020, Bucharest, Romania, ISBN 2247-6245, ISSN-L 2247-6245
14. **Banța, V.C.,** „SAP and RPA implementation in production area - risks during the pandemic periode. A case study.”, International Scientific Conference ECOTREND Tg-Jiu, 2020, December 11-12, Annals of the University of Tg Jiu, Series: Economy, Vol. XX, 2020, ISSN 2344-3685, ISSN-L 1844-7007, Indexed: EBESCO, DOAJ, REPEC

2 Teza(-ele) de doctorat

T1. „Proiectarea și dezvoltarea unui sistem din clasa e-Metrology pentru calibrarea rezervoarelor în industria petrolieră”, 2015, ordin MECS 5954 / 07.12.2015

3 Cărți/cursuri publicate

Ca1. **Banța, V.C.**, “*Introducere în informatica medicală. Teorie și probleme*”, Editura Alexandru Ștefulescu, Târgu-Jiu, 120 pag, 1999, ISBN – 973-94470-3-1

Ca2. **Banța, V.C.**, “*Simulări contabile, modelarea, implementare și gestionarea proceselor economice ale unei organizații prin intermediul unui sistem informatic de tip ERP - SAP - Ghid practic I*”, Editura Universitaria Craiova, 250 pag, 2017, ISBN general: 978-606-14-1299-0, ISBN volum: 978*606-14-1326-3.

Ca3. **Banța, V.C.**, “*Implementarea unui sistem informatic de tip ERP – SAP. Studii de caz. Volumul I*”, Colecția Științe Economice și Administrarea Afacerilor, Nr. 747, Editura SITECH, 237 pag, 2020, ISBN general: 978-606-11-7573-4, ISBN volum: 978-606-11-7574-1.

Ca4. **Banța, V.C., Dumitru V.F.** “*Modelarea unor procese economice regasite într-un sistem de tip ERP - SAP. Studii de caz.*”, Colecția Științe Economice și Administrarea Afacerilor, Editura SITECH, 2020, ISBN general: ISBN 978-606-11-7611-3.

Ca5. **Dumitru V.F., Banța, V.C.**, “*Sistemele informatice integrate: rolul și impactul acestora în procesele de afaceri. Ediție revizuită și adăugită*”, Colecția Științe Economice și Administrarea Afacerilor, Editura SITECH, 2020, ISBN general: ISBN 978-606-11-7612-0.

**Candidat,
Banța Viorel Costin**