

LISTA DE LUCRĂRI
a candidatului BÎLCAN FLORENTINA RALUCA

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări menționate mai jos (cu referințe bibliografice complete):

- R1. Anca-Gabriela PETRESCU, Ionica ONCIOIU, Mihai PETRESCU, **Florentina-Raluca BÎLCAN**, Marius PETRESCU, Marius Florin Ghiberdic. *Integration of Robot Swarm Intelligence for Distributed Manufacturing Systems*, Studies in Informatics and Control, 34(1), pp. 37-46, March 2025, ISSN: 1220-1766, eISSN: 1841-429X, WOS: 001470747400003
<https://doi.org/10.24846/v34i1y202503>
- R2. Doina Banciu, Anca-Gabriela Petrescu, Ionica Oncioiu, Marius Petrescu, **Florentina-Raluca Bîlcă**, Adrian-Ionuț Ghibanu, *The Simulation Framework for Automated Trading Algorithms on Capital Markets*, Studies in Informatics and Control, 33(4), pp. 51-58, December 2024, ISSN: 1220-1766, eISSN: 1841-429X, WOS: 001390868500005
<https://doi.org/10.24846/v33i4y202405>
- R3. Anca-Gabriela Petrescu, Lucian Ștefăniță Grigore, Ionica Oncioiu, **Florentina Raluca Bîlcă**, Delia Mioara Popescu, Mihai Petrescu, *Autonomous Mobile Robots Using Machine Learning Methods to Recognise the Rapid Spread of the Ongoing COVID-19 Epidemic*, Studies in Informatics and Control, 31(1), pp. 79-88, March 2022, ISSN: 1220-1766, eISSN: 1841-429X, WOS: 000779783700008
<https://doi.org/10.24846/v31i1y202208>
- R4. Marius Petrescu, Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Mihai Petrescu, Dumitru Alexandru Stoica, *Estimating the Dynamics of Household Waste Management in Turkey*. Romanian Journal of Economic Forecasting, 24(2), pp. 129-143, 2021, ISSN: 1582-6163, eISSN: 2537-6071, WOS: 000670673600008
https://rjef.ro/rjef/rjef2_21/rjef2_2021p129-143.pdf
- R5. Marius Petrescu, Mădălina Cuc, Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Mihai Petrescu, *The Design of an Agent-Based System for Capital Markets*, Studies in Informatics and Control, 29(3), pp. 293-306, September 2020, ISSN: 1220-1766, eISSN: 1841-429X, WOS: 000576497500003
<https://doi.org/10.24846/v29i3y202003>
- R6. Marius Petrescu, Mădălina Cuc, Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Lucian Ivan, *Analytical Modelling of Share Price Value Using Computational Intelligence Methods*, International Journal of Computers Communications & Control, 15(4), art. no. 3910, pp. 418-441, August 2020, Online ISSN: 1841-9844, ISSN-L: 1841-9836, WOS: 000540296700009
<https://doi.org/10.15837/ijccc.2020.4.3910>
- R7. Ionica Oncioiu, Delia Mioara Popescu, Elena Anghel, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Marius Petrescu, *Online Company Reputation – A Thorny Problem for Optimizing Corporate Sustainability*, Sustainability, 12(14), 5547, 13 pages, July 2020, eISSN: 2071-1050, in Special Issue “Online Reputation and Sustainability”, WOS: 000554194600001
<https://doi.org/10.3390/su12145547>
- R8. Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Marius Petrescu, Delia-Mioara Popescu, Elena Anghel, *Corporate Sustainability Reporting and Financial Performance*, Sustainability, 12(10), 4297, 13 pages, May 2020, eISSN: 2071-1050, in Special Issue “Sustainability of Global Economy and Governance—Ethics, Cohesion and Social Responsibility”, WOS: 000543421400355
<https://doi.org/10.3390/su12104297>
- R9. Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Marius Petrescu, Ionica Holban Oncioiu, Mirela Cătălina Türkeş, Sorinel Căpușneanu, *Assessing the Benefits of the Sustainability Reporting Practices in the Top Romanian Companies*, Sustainability, 12(8), 3470, 31 pages, April 2020, eISSN: 2071-1050, in Special Issue “Sustainability of Global Economy and Governance—Ethics, Cohesion and Social Responsibility”, WOS: 000535598700403
<https://doi.org/10.3390/su12083470>
- R10. Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcă**, Marius Petrescu, Melinda Timea Fülöp, Dan Ioan Topor, *The Influence of Corporate Governance Systems on a Company's Market Value*, Sustainability, 12(8), 3114, 15 pages, April 2020, eISSN: 2071-1050, in Special Issue “Sustainability of Global Economy and Governance—Ethics, Cohesion and Social Responsibility”, WOS: 000535598700047
<https://www.mdpi.com/2071-1050/12/8/3114>

2. Teza/tezele de doctorat:

T1. Teza de doctorat „Managementul integrat al calității și securității mediului”. Domeniul de doctorat Management. Domeniul fundamental Științe Economice. Teza de doctorat este publicată în anul 2013, la Editura Bibliotheca - acreditată CNCIS, ISBN 978-606-772-173-7.

3. Brevete de invenție și alte titluri de proprietate intelectuală (dacă este cazul):

Nu este cazul.

4. Cărți de specialitate și capitole în cărți de specialitate (cu referințe bibliografice complete):

C1. Ionica Oncioiu, Dan Adrian Popovici, Hrisanta Cristina Ungureanu, **Florentina Raluca Bîlcan** (2020). *Commercial Real Estate-Specific Approaches and Ethical Dilemmas in the Relationship Between Stakeholders*. Improving Business Performance Through Innovation in the Digital Economy, Hershey, PA: IGI Global, USA, chapter 2, 12 pages, ISBN13: 9781799810056, ISBN10: 1799810054, EISBN13: 9781799810070, DOI: 10.4018/978-1-7998-1005-6.ch002

<https://www.igi-global.com/chapter/commercial-real-estate-specific-approaches-and-ethical-dilemmas-in-the-relationship-between-stakeholders/236929>

C2. Alina Stanciu, Marius Petrescu, Anca Gabriela Petrescu, **Florentina Raluca Bîlcan** (2020). *Cyberaccounting for the Leaders of the Future*. Improving Business Performance Through Innovation in the Digital Economy, Hershey, PA: IGI Global, USA, chapter 5, 12 pages, ISBN13: 9781799810056, ISBN10: 1799810054, EISBN13: 9781799810070, DOI: 10.4018/978-1-7998-1005-6.ch005

<https://www.igi-global.com/chapter/cyberaccounting-for-the-leaders-of-the-future/236932>

C3. Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, Marius Petrescu, Delia Mioara Popescu, *Elemente de managementul activităților de cercetare-dezvoltare : repere teoretice fundamentale și aplicații*, Editura Bibliotheca, Târgoviște, 2019, ISBN: 606-772-395-3

C4. **Florentina Raluca Bîlcan**, Anca Gabriela Petrescu, Delia Mioara Popescu, Marius Petrescu, *Elemente de managementul resurselor umane : repere teoretice fundamentale și aplicații*, Editura Bibliotheca, Târgoviște, 2019, ISBN: 978-606-772-397-7

C5. Marius Petrescu, Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, Vasile Adrian Cămărășan, *Managementul securității informațiilor. Note de curs*, Editura Bibliotheca, Târgoviște, 2018, ISBN: 9786067722567

C6. Vasile Adrian Cămărășan, Anca Gabriela Petrescu, Marius Petrescu, **Florentina Raluca Bîlcan**, *Instrumente și mecanisme privind managementul informațiilor clasificate*, Editura Bibliotheca, Târgoviște, 2017, ISBN: 9786067721720

C7. Anca-Gabriela Petrescu, Nicoleta Sirbu, Marius Petrescu, **Florentina-Raluca Bîlcan**, *Information Security Risks in Digital Economy*, LAP LAMBERT Academic Publishing*, Saarbrücken-Germany, 2017, ISBN: 978-3-330-32571-5, 86 pages

*site CNATDCU

C8. Anca-Gabriela Petrescu, Nicoleta Sirbu, Marius Petrescu, **Florentina-Raluca Bîlcan**, *Elements of Risk Management. Current Trends and Future Developments*, LAP LAMBERT Academic Publishing*, 2016, ISBN 978-3-330-00726-0, 116 pages

*site CNATDCU

5. Articole/studii in extenso în reviste de specialitate (cu referințe bibliografice complete):

A1. Ionica Oncioiu, Sorinel Căpușneanu, Dana-Maria Oprea Constantin, Mirela Cătălina Türkeș, Dan Ioan Topor, **Florentina Raluca Bîlcan**, Anca Gabriela Petrescu, *Improving the Performance of Entities in the Mining Industry by Optimizing Green Business Processes and Emission Inventories*. Processes, 7(8), 543, 17 pages, August 2019, ISSN: 2227-9717, WOS:000483747700002

<https://doi.org/10.3390/pr7080543>

A2. Ionica Oncioiu, Ana Maria Ifrim, Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, *Role of Green Innovation and Business Performance: Evidence from Romanian SME*, Revista Electrotehnica, Electronica, Automatica (EEA), 66(2), pp. 129-134, 2018, ISSN 1582-5175, Elsevier, Engineering Village, Scopus, Compendex, ProQuest, ProQuest-Ulrich's Periodical Directory, EBSCO, Index Copernicus

https://eea-journal.ro/ro/2018/art-2018_2-19-p129.pdf

A3. Ionica Oncioiu, Diana Andreea Mândricel, Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, *The Effects of the Structural Funds on the Romanian Economic Growth*, Revista Acta Universitatis Danubius - Oeconomica, 13(2), pp. 91-101, 2017, ISSN 2065-0175, Editura Universitară Danubius, indexată în baze de date RePEc, EBSCO, DOAJ, Cabell's, ProQuest, EconPapers, Ideas, Index Copernicus, Genamics, Scipio

<http://journals.univ-danubius.ro/index.php/oeconomica/article/view/4061>

A4. Ionica Oncioiu, **Florentina Raluca Bîlcan**, Anca Gabriela Petrescu, *The Potential Role of Innovative Indian SMEs in Sustainable Growth*, Revista EuroEconomica, vol. 36 (1), 2017, ISSN: 1582-8859, baze de date: RePEc, Econpapers, Index Copernicus Journals Master List, EBSCO Publishing, ProQuest, Directory of Open Access Journals (DOAJ), IDEAS, ICAAP

<http://journals.univ-danubius.ro/index.php/euroeconomica/article/view/4177>

Articole indexate BDI

A5. Ionica Oncioiu, Ana Maria Ifrim, Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, *Role of Green Innovation and Business Performance: Evidence from Romanian SME*, Revista Electrotehnica, Electronica, Automatica (EEA), 66(2), pp. 129-134, 2018, ISSN 1582-5175, Elsevier, Engineering Village, Scopus, Compendex, ProQuest, ProQuest-Ulrich's Periodical Directory, EBSCO, Index Copernicus
https://eea-journal.ro/ro/2018/art-2018_2-19-p129.pdf

A6. Ionica Oncioiu, Diana Andreea Mândricel, Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, " *The Effects of the Structural Funds on the Romanian Economic Growth*" Revista Acta Universitatis Danubius - Oeconomica, 13(2), pp. 91-101, 2017, ISSN 2065-0175, Editura Universitară Danubius, indexată în baze de date RePEc , EBSCO, DOAJ, Cabell's, ProQuest, EconPapers, Ideas, Index Copernicus, Genamics, Scipio
<http://journals.univ-danubius.ro/index.php/oeconomica/article/view/4061>

A7. Ionica Oncioiu, **Florentina Raluca Bîlcan**, Anca Gabriela Petrescu, " *The Potential Role of Innovative Indian SMEs in Sustainable Growth*", Revista EuroEconomica, vol. 36 (1), 2017, ISSN: 1582-8859, baze de date: RePEc, Econpapers, Index Copernicus Journals Master List, EBSCO Publishing, ProQuest, Directory of Open Access Journals (DOAJ), IDEAS, ICAAP
<http://journals.univ-danubius.ro/index.php/euroeconomica/article/view/4177>

6. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate (cu referințe bibliografice complete):

P1. Cernea M. S., Balaciu (Ene) O. C., Monac C.-M., Vrâncanu A., **Bîlcan Florentina - Raluca**, Oncioiu I., *Implications of Digitalization on IT Service Management, Global Conference on Business and Finance Proceedings*, Hawaii, 24-27 mai 2022, Publicat în volumul conferinței, The Institute for Business and Financial Research, ISSN 1941-9589 ONLINE, ISSN 2168-0612, pp. 54.

P2. **Bîlcan Florentina - Raluca**, Oncioiu I., Stoica D. A., Stanciu A., *Digital Transformation of Managerial Accounting - Trends in the New Economic Environment, European Integration - Realities and Perspectives. Proceedings*, EIRP Proceedings, vol 14, no. 1, 2019, pp. 266-274, ISSN: 2067 – 9211.

7. Proiecte de cercetare/dezvoltare pe bază de contract/grant (director grant/membru în echipă):

Nu este cazul.

8. Alte lucrări și contribuții științifice:

Citări ale lucrărilor publicate

L1. Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcan**, Marius Petrescu, Delia-Mioara Popescu, Elena Anghel, *Corporate Sustainability Reporting and Financial Performance*, Sustainability, 12(10), 4297, 13 pages, May 2020, eISSN: 2071-1050, in Special Issue "Sustainability of Global Economy and Governance—Ethics, Cohesion and Social Responsibility", (FI 2024=3,3, AIS=0,538), WOS: 000543421400355

1. Beleneși, M.; Bogdan, V.; Popa, D.N. *Disclosure Dynamics and Non-Financial Reporting Analysis. The Case of Romanian Listed Companies*, Sustainability, (2021), 13(9), 4732.
<https://doi.org/10.3390/su13094732>
2. Zakaria M.; Aoun C.; Liginlal D. *Objective Sustainability Assessment in the Digital Economy: An Information Entropy Measure of Transparency in Corporate Sustainability Reporting*, Sustainability (2021), 13(3), 1054.
<https://doi.org/10.3390/su13031054>
3. Meutia I.; Kartasari S.F.; Yaacob Z. *Stakeholder or Legitimacy Theory? The Rationale behind a Company's Materiality Analysis: Evidence from Indonesia*, Sustainability (2022), 14(13), 7763.
<https://doi.org/10.3390/su14137763>

L2. Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, Marius Petrescu, Ionica (Holban) Oncioiu, Mirela Cătălina Türkcs, Sorinel Căpușeanu, *Assessing the Benefits of the Sustainability Reporting Practices in the Top Romanian Companies*, Sustainability, 12(8), 3470, 31 pages, May 2020, eISSN: 2071-1050, in Special Issue "Sustainability of Global Economy and Governance—Ethics, Cohesion and Social Responsibility" (FI 2024=3,3, AIS=0,538), WOS: 000535598700403

1. Ikpor, I.M.; Bracci, E.; Kanu, C.I.; Ievoli, R.; Okezie, B.; Mlanga, S.; Ogbackirigwe, C. *Drivers of Sustainability Accounting and Reporting in Emerging Economies: Evidence from Nigeria*, Sustainability 2022, 14(7), 3780.
<https://doi.org/10.3390/su14073780>
2. Choi, J.H.; Kim, S.; Yang, D.-H.; Cho, K. *Can Corporate Social Responsibility Decrease the Negative Influence of Financial Distress on Accounting Quality?* Sustainability 2021, 13(19), 11124.
<https://doi.org/10.3390/su131911124>
3. Stănescu, S.G.; Cucui, I.; Ionescu, C.A.; Paschia, L.; Coman, M.D.; Nicolau, N.L.G.; Uzla, M.C.; Lixandru, M.L. *Conceptual Model for Integrating Environmental Impact in Managerial Accounting Information Systems*. Int. J. Environ. Res. Public Health 2021, 18(4), 1791.
<https://doi.org/10.3390/ijerph18041791>
4. Neacsu, A.; Panait, M.; Muresan, J.D.; Voica, M.C. *Energy Poverty in European Union: Assessment Difficulties, Effects on the Quality of Life, Mitigation Measures. Some Evidences from Romania*. Sustainability 2020, 12(10), 4036. <https://doi.org/10.3390/su12104036>

L3. Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcan**, Marius Petrescu, Melinda Timea Fülöp, Dan Ioan Topor, *The Influence of Corporate Governance Systems on a Company's Market Value*, Sustainability, 12 (8), 3114, 15 pages, April 2020, eISSN: 2071-1050, in Special Issue "Sustainability of Global Economy and Governance—Ethics, Cohesion and Social Responsibility" (FI 2024=3,3, AIS=0,538), WOS: 000535598700047

1. Kuzior, A.; Postrzednik-Lotko, K.A.; Postrzednik, S. *Limiting of Carbon Dioxide Emissions through Rational Management of Pro-Ecological Activities in the Context of CSR Assumptions*. Energies 2022, 15(5), 1825. <https://doi.org/10.3390/en15051825>
2. Benotsmane, R.; Dudás, L.; Kovács, G. *Newly Elaborated Hybrid Algorithm for Optimization of Robot Arm's Trajectory in Order to Increase Efficiency and Provide Sustainability in Production*. Sustainability 2021, 13(15), 8193. <https://doi.org/10.3390/su13158193>
3. Neacşa, A.; Panait, M.; Mureşan, J.D.; Voica, M.C. *Energy Poverty in European Union: Assessment Difficulties, Effects on the Quality of Life, Mitigation Measures. Some Evidences from Romania*. Sustainability 2020, 12(10), 4036. <https://doi.org/10.3390/su12104036>

9. Traduceri de lucrări științifice:

Nu este cazul.

Declar pe proprie răspundere că datele prezentate sunt în conformitate cu realitatea

Data 08.01.2026

Bîlcan Florentina Raluca