

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. **Florentina-Raluca BÎLCAN**, Ionica ONCIOIU, Mihai PETRESCU, Anca-Gabriela Petrescu, Diana Andreea MÂNDRICEL, *Data-Driven Modeling of Employee Performance Using Self-Organizing Maps and Kinematik Models*, Studies in Informatics and Control, 35(1), pp. 77-86, March 2026, ISSN: 1220-1766, eISSN: 1841-429X, WOS: 001736860200007, <https://doi.org/10.24846/v35i1y202607>
- R2. 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>
- R3. 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>
- R4. 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>
- R5. 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://ipe.ro/rjef/rjef2_21/rjef2_2021p129-143.pdf
- 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 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”, 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. 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 Sîrbu, 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 Sîrbu, 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

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

- A1. Marius Petrescu, Mădălina Cuc, Ionica Oncioiu, Anca-Gabriela Petrescu, **Florentina-Raluca Bîlcan**, 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>

A2. Ionica Oncioiu, Sorinel Căpușneanu, Dana-Maria Oprea Constantin, Mirela Cătălina Türkes, 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>

Articole indexate BDI

A3. 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>

A4. 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>

A5. 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>

5. 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., Vrâncianu 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 Ionica, Stoica Dumitru Alexandru, Stanciu Alina, *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.

6. 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", WOS: 000543421400355

1. Mărioara Beleneși, Victoria Bogdan, Dorina Nicoleta Popa, *Disclosure Dynamics and Non-Financial Reporting Analysis. The Case of Romanian Listed Companies*, Sustainability, (2021), 13(9), 4732, <https://doi.org/10.3390/su13094732>, WOS:000650895100001

2. Mohammed Zakaria, Chadi Aoun, Divakaran Liginlal, *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>, WOS:000615654400001

3. Inten Meutia, Shelly F. Kartasari, Zulnadi Yaacob, *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>, WOS:000824485900001

L2. Anca Gabriela Petrescu, **Florentina Raluca Bîlcan**, Marius Petrescu, Ionica (Holban) Oncioiu, Mirela Cătălina Türkes, Sorinel Căpușneanu, *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”, WOS: 000535598700403

1. Elda Du Toit, *Thirty Years of Sustainability Reporting: Insights, Gaps and an Agenda for Future Research Through a Systematic Literature Review*, Sustainability 2024, 16(23), 10750, 33 pages, eISSN: 2071-1050, <https://doi.org/10.3390/su162310750>, WOS:001377786200001
 2. Jun Hyeok Choi, Saerona Kim, Dong-Hoon Yang, Kwanghee Cho, *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>, WOS:000710245400001
 3. Isaac Monday Ikpör, Enrico Bracci, Clementina Iruka Kanu, Riccardo Ievoli, Benedette Okezie, Sunday Mlanga, Charles Ogbaekirigwe, *Drivers of Sustainability Accounting and Reporting in Emerging Economies: Evidence from Nigeria*, Sustainability 2022, 14(7), 3780, <https://doi.org/10.3390/su14073780>, WOS:000781714300001
 4. Wadhaah Ibrahim Almubarak, Kaouther Chebbi, Mohammed Abdullah Ammer, *Unveiling the Connection among ESG, Earnings Management, and Financial Distress: Insights from an Emerging Market*, Sustainability 2023, 15(16), 12348, 23 pages, eISSN: 2071-1050, <https://doi.org/10.3390/su151612348>, WOS: 001056997700001
- 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”, WOS: 000535598700047
1. Aleksandra Kuzior, Katarzyna Anna Postrzednik-Lotko, Stefan Postrzednik, *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>, WOS: 000771365300001
 2. Rabab Benotsmane, László Dudás, György Kovács, *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>, WOS: 000682252000001
 3. Vincent O'Connell, Don O'Sullivan, *Building Long-Term Sustainability: The Influence of Corporate Governance on Future Customer Satisfaction*, Sustainability 2026, 18(9), 4437, 21 pages, eISSN: 2071-1050, <https://doi.org/10.3390/su18094437>, WOS: 001764040900001

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