

Anexa 2

Criteriile minimale ale Universității Alexandru Ioan Cuza din Iași (Hotărârea Senatului Universității „Alexandru Ioan Cuza” din Iași, Nr. 5 din 28.09.2017)

A. Minim 6 articole științifice publicate în extenso în reviste internaționale, dintre care:

A.1 minim 4 indexate BDI (ISI Web of Knowledge, Scopus, EBSCO, EconLit, REPEC, DOAJ, Cabell's, JSTOR, ScienceDirect, SpringerLink, ProQuest) – **condiție îndeplinită prin cele 24 de articole menționate mai jos:**

1. Voda, A.I., Radu, L.D., *Artificial Intelligence and the Future of Smart Cities*. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 9(2)/2018, pp. 110-127, WOS:000435398100010.
2. Vodă, A.I., Radu, L. D., *Investigating Economic Factors of Sustainability in European Smart Cities*. European Journal of Sustainable Development, 7(1)/2018, pp. 107-120, WOS:000423861000010.
3. Radu, L.D., *Barriers to Green ICT Adoption in Romania*. Academic Journal of Economic Studies, 4(4)/2018, pp. 28-33.
4. Radu, L.D., *An Ecological View on Software Reuse*, Informatica Economică, Vol. 22, No. 3/2018, pp. 75-85.
5. Radu, L.D., *Green ICT: Some Challenges and Potential Solutions*, Acta Oeconomica Universitatis Selye, J. Selye University, Faculty of Economics, Bratislavská, Slovakia, Vol. 7, No. 2/2018, pp. 141-150.
6. Radu, L. D., *Environmental Issues in Internet of Things: Challenges and Solutions*. Acta Universitatis Danubius. Oeconomica, 14(1)/2018, pp. 20-32.
7. Popescul, D., Radu, L.D., *Data Security in Smart Cities: Challenges and Solutions*, Informatica Economică, Vol. 20, No. 1/2016, pp. 29-38.
8. Radu, L.D., *Investments in Technological Innovations: A Literature Review of Organization Determinants*, European Scientific Journal, Special Edition, Vol. 1, February 2015, <http://eujournal.org/index.php/esj/article/view/5070>.
9. Radu, L.D., *The Ecological Behaviour Related to Green Information and Communication Technology in Romanian Organizations*, The Romanian Statistical Review, Nr. 4/2014, pp. 73-88, <http://www.revistadestatistica.ro/index.php/the-ecological-behaviour-related-to-green-information-and-communication-technology-in-romanian-organizations/>.
10. Radu, L.D., *Qualitative, Semi-Quantitative and Quantitative Methods for Risk Assessment: Case of the Financial Audit*, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași - Științe Economice, Iași, Vol. 56/2009, pp. 643-657.
11. Genete, L.D., Popescul, D., *Advantages and Risks Related to Using Information and Communication Technologies in the Modern Companies*, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași - Științe Economice, Vol. 54/2007, pp. 29-35.
12. Radu, L.D., *The impact of auditing on green information and communication technologies*, Audit financiar, XIV, Nr. 2(134)/2016, 217-226.
13. Radu, L.D., *Discussing the potential of information and communication technologies' inovation for environmental problems in Romania*, Acta Universitatis Danubius. OEconomica, Vol. 10, Nr. 4/2014.
14. Radu, L.D., *Technological Innovation Management and its Role in Performance of Organizations*, Acta Universitatis Danubius. Oeconomica 8 (5)/2012, pp. 95-103.

15. Necula, S.C., Radu, L.D., *Considerații privind aplicabilitatea web-ului semantic în auditul financiar*, Revista Audit Financiar, Vol. 12, Nr. 115/2014, pp. 11-17.
16. Radu, L.D., *The Impact of Technological Innovations in the Field of Information and Communication Technologies on the Environment*, Revista Lucrări științifice. Seria Agronomie, Vol. 55, Nr. 1, 2012.
17. Genete, L.D., Țugui, A., *Incursiune în istoria auditului financiar din România*, Revista Audit Financiar, Nr. 37/2008.
18. Genete, L.D., *Priorități ale utilizării tehnologiilor informatice în auditul financiar*, Revista Audit Financiar, Nr. 31/2007.
19. Genete, L.D., *Modelarea incertitudinii în evaluarea riscului de audit*, Revista Audit Financiar, Nr. 15/2006.
20. Genete, L.D., *Evaluarea riscului în auditul financiar-contabil. Metode cantitative și metode calitative*, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași - Științe Economice, Iași, Vol. 53/2006, pp. 59-64.
21. Genete, L.D., *Metodologii de dezvoltare a sistemelor expert: KAMET și COMMONKADS*, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași - Științe Economice, Iași, Vol. 52/2005, pp. 268-274.
22. Andone, I., Genete, L.D., Bacain, I., *Recenzie la Ivan, I., Popa, M., Capizisu, S., Breda, L., Florescu, B., Clonarea informatică*, Revista Informatică Economică, Nr. 1, 2004.
23. Genete, L.D., *Informatizarea lucrărilor contabile*, Revista Lucrări științifice. Seria Agronomie, Iași, Vol. 47, 2004.
24. Genete, L.D., *Contabilitatea și auditul sub impactul tehnologiilor inteligente*, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași - Științe Economice, Iași, Vol 50/2003.

A.2 minim 2 articole ISI, inclusiv volume ale conferințelor indexate ISI – condiție îndeplinită prin cele 32 articole menționate mai jos:

1. Radu, L.D., *Green Cloud Computing: A Literature Survey*. Symmetry 2017, 9, 295 (IF = 1.256), WOS:000419227200007, <https://www.mdpi.com/2073-8994/9/12/295>.
2. Popescul, D., Păvăloaia, V.D., Țugui, A., Georgescu, M., Radu, L.D., Berechet, L.D., *Education by Choice, Not by Chance: Adjustment of Business Education to the Requirements of Contemporary Organizations*, Transformations in Business & Economics, Vol. 15, No 3C (39C), 2016, pp.42-59 (IF=1.112), <http://www.transformations.knf.vu.lt/39c/article/educ>
3. Radu, L.D., *Determinants of Green ICT Adoption in Organizations: A Theoretical Perspective*, Sustainability, 2016, 8, 731 (IF=2.075), WOS:000382452900033, <http://www.mdpi.com/2071-1050/8/8/731>
4. Homocianu, D., Necula, S., Airinei, D., Radu, L.D., Georgescu, M., Baci, L., Damian, A., *Multimedia for Learning in Economy and Cybernetics*, Journal of Economic Computation and Economic Cybernetics Studies and Research, Nr. 3/4, 2014, WOS:000342328700007, (IF=0.664), http://www.ecocyb.ase.ro/eng/Articles_3-2014/Homocianu%20Daniel,%20Cristina%20Necula.pdf
5. Radu, L.D., *Greener Software with Agile Methods*, Proceedings of the 16th International Conference on Informatics in Economy (IE 2017), Education, Research & Business Technologies, 4-7 May 2017, București, Romania, ISSN 2284-7472, WOS:000418463600055, pp. 344-351.
6. Radu, L.D., *The Environmental Protection through Green Information Technology in Organization: a Theoretical Perspective*, Proceedings of the 15th International Conference on Informatics in Economy

- (IE 2016), Education, Research & Business Technologies, 2-5 June 2016, Cluj Napoca, Romania, ISBN: 2284-7472, WOS:000386192300079, pp. 499-504.
7. Radu, L.D., *Internet of Things – a new challenge for environmental protection*, The 26th IBIMA conference on Innovation Management and Sustainable Economic Competitive Advantage: From Regional Development to Global Growth, IBIMA Publishing, 11-12 November 2015, ISBN: 978-0-9860419-5-2, WOS:000366872700334, pp. 3189-3196.
 8. Radu, L.D., *Studying the social media initiatives in solving environmental problems*, Proceedings of the 2nd Conference on SMART, September 18-21, 2014, SMART 2014 - Social Media in Academia: Research and Teaching, pp. 203-207, Medimond, Bologna, 2015, ISSN: 978-88-7587-712-5, WOS:000367888300031, pp. 203-207.
 9. Radu, L.D., *Green ICTs Potential in Emerging Economies*, Emerging Markets Queries in Finance and Business Conference Proceedings, Procedia Economics and Finance, Vol. 15, Elsevier, 2013, ISSN: 2212-5671, WOS:000357094000054, pp. 430-436.
 10. Radu, L.D., *The Role of Consumers, Producers, and Regulatory Authorities in the Evolution of Green ICTs*, Proceedings of the 21th International Business Information Management Association Conference on Vision 2020: Innovation, Development Sustainability, and Economic Growth, Vol. 1, No. 1, June 2013, ISSN: 978-0-9860419-0-7, WOS:000339301100103, pp. 963-970.
 11. Radu, L.D., *The Influence of Social Media on Green IT*, Social Media in Academia: Research and Teaching, Bacau, 7-9 June 2013, SMART 2013, Proceedings I, Supplement of the journals BRAIN (ISSN 2067-3957) and BRAND (ISSN 2067-8177), WOS:000335747400022, pp. 213-219.
 12. Radu, L.D., *Economic Growth through Eco-efficient Methods and Strategies: Regulations and Achievements in Romania*, Proceedings of the 18th International Business Information Management Association Conference (Innovation and Sustainable Economic Competitive Advantage: From Regional Development to World Economies), June 9-10, 2012, Istanbul, Turkey, ISBN: 978-0-9821489-7-6, WOS:000317549800076, pp. 783-791.
 13. Radu, L.D., *Company Characteristics and Consumer Preferences - Prerequisites for Adopting Decisions Involving Organizations in Green ICT Innovation*, Proceedings of the 19th International Business Information Management Association Conference (Innovation Vision 2020: Sustainable growth, Entrepreneurship, Real Estate and Economic Development), November 12-13, 2012, Barcelona, Spain, ISBN: 978-0-9821489-8-3, WOS:000317549701029, pp. 1488-1493.
 14. Radu, L.D., Necula, S.C., *Decision-Making Processes and their Implementation in Digital Accounting Practices*, 10th WSEAS International Conference on TELECOMMUNICATIONS and INFORMATICS (TELE-INFO '11), Lanzarote, Canary Islands, Spain May 27-29, 2011, Recent Researches in Telecommunications, Informatics, Electronics and Signal Processing, Editura WSEAS Press, ISBN: 978-1-61804-005-3, WOS:000303790700008, pp. 32-36
 15. Necula, S.C., Radu, L.D., *Decision Support Systems Usefulness and a Practical Solution Based on Semantic Web Technologies*, Proceedings of the 17th International Business Information Management Association Conference (Creating Global Competitive Economies: A 360-degree Approach), November 14-15, 2011, Milan, Italia, Editor Khalid S. Soliman, ISBN: 978-0-9821489-6-9, WOS:000317550000111, pp. 1131-1138.
 16. Radu, L.D., *Eco-Innovations: Motivations, Limits And Support Within The Ecological Crisis Context*, Proceedings of the 17th International-Business-Information-Management-Association Conference Location: Milan, Italy, November 14-15, 2011, Volume Creating Global Competitive Economies: A 360-Degree Approach, ISSN: 978-0-9821489-6-9, WOS:000317550001106, pp. 2169-2178.

17. Radu, L.D., *Changes in accounting and financial auditing activities in the context of economic globalization*, Proceedings of the 16th International-Business-Information-Management-Association Conference Location: Kuala Lumpur, Malaysia, June 29-30, 2011, Volume Innovation and Knowledge Management: A Global Competitive Advantage, WOS:000317549600084, ISSN: 978-0-9821489-5-2, pp. 917-922.
18. Popescu, D., Radu, L. D., *Mobile Threats - a Real Challenge for the Personal Information & Knowledge Management*, Proceedings of The 16th International Business Information Management Association Conference (Innovation and Knowledge Management, A Global Competitive Advantage), June 29-30, 2011, Kuala Lumpur, Malaysia, Editor Khalid S. Soliman, ISBN: 978-0-9821489-5-2, WOS:000317549600100, pp. 1506-1515
19. Radu, L.D., Țugui, A., *Scenario for digital accounting of fixed assets. Some risks and changes for accounting information*, The International Business Information Management Conference (13th IBIMA), 9 - 10 November 2009, Marrakech, ISBN: 978-0-9821489-2-1, WOS: 000278523100127, ISSN: 978-0-9821489-2-1, pp. 1362-1368.
20. Țugui, A., Genete, L.D., *Information Technologies in the Calm Technologies Era*, Proceedings of the Information Management in Modern Organizations Conference (11th IBIMA) on January 4 - 6, 2009 Cairo, Egypt, Vol. Innovation and Knowledge Management in Twin Track Economies. Challenges & Solutions, ISBN: 978-0-9821489-0-7, WOS: 000278458300129, pp. 1007-1014.
21. Țugui, A., Georgescu, I., Georgescu, M., Genete, L.D., *Digital Accounting Implications to Improve the Quality Information Accounting*, Proceedings of the Information Management in Modern Organizations Conference (11th IBIMA) on January 4 - 6, 2009 Cairo, Egypt, Volume Innovation and Knowledge Management in Twin Track Economies. Challenges & Solutions, ISBN: 978-0-9821489-0-7, WOS: 000278458300134, pp. 1056-1061.
22. Țugui, A., Georgescu, I., Georgescu, M., Genete, L.D., *The Knowledge Based Accounting: Next step in Total Quality Accounting*, Proceedings of the Information Management in Modern Organizations Conference (11th IBIMA) on January 4 - 6, 2009 Cairo, Egypt, Volume Innovation and Knowledge Management in Twin Track Economies. Challenges & Solutions, ISBN: 978-0-9821489-0-7, WOS:000278458300136, pp. 1068-1071.
23. Georgescu, M., Țugui, A., Georgescu, I., Genete, L.D., *Quality and Standards for E-learning: An Emerging Leitmotif*, Proceedings of the Information Management in Modern Organizations Conference (11th IBIMA) on January 4 - 6, 2009 Cairo, Egypt, Volume Innovation and Knowledge Management in Twin Track Economies. Challenges & Solutions, ISBN: 978-0-9821489-0-7, pp. 1068-1071.
24. Genete, L.D., Țugui, A., *From ERP Systems to Digital Accounting in Relations with Customers and Suppliers*, Proceedings of the 8th WSEAS International Conference on Simulation, Modelling and Optimization (SMO '08) on 23-25 September 2008 in Santander, Spain, Volume Computing and Computational Techniques in Sciences, ISBN; 978-960-474-009-3, ISSN: 1790-2769, WOS:000262474400022, pp. 57-63.
25. Georgescu, I., Georgescu, M., Țugui, A., Genete, L.D., Țugui, I., *The quality of accounting information in TQM approach*, Proceedings of the 9th International Business Information Management Conference (9th IBIMA), 4-6 January 2008, Marrakech, Maroc, ISBN: 0-9753393-8-9, WOS:000255548600058, pp. 484-489.
26. Georgescu, M., Țugui, I., Georgescu, I., Țugui, I., Genete, L.D., *The Quality of Information in a Paperless Office*, Proceedings of the 9th International Business Information Management Conference

- (9th IBIMA), 4-6 January 2008, Marrakech, Maroc, ISBN: 0-9753393-8-9, WOS:000255548600068, pp. 561-565.
27. Genete, L.D., Țugui, A., Georgescu, I., Georgescu, M., Țugui, I., *The Contribution of Information and Communication Technologies to Digital Accounting*, 1 Proceedings of the International Business Information Management Conference (9th IBIMA), 4-6 ianuarie 2008, Marrakech, Maroc, ISBN: 0-9753393-8-9, WOS:000255548600074, pp. 598-604.
 28. Țugui, A., Țugui, I., Georgescu, M., Georgescu, I., Genete, L.D., *Quality Based Accounting in the New Digitized Economy. Implications and Challenges for Modern Enterprises*, Proceedings of the International Business Information Management Conference (9th IBIMA), 4-6 ianuarie 2008, Marrakech, Maroc, ISBN: 0-9753393-8-9, WOS:000255548600087, pp. 686-691.
 29. Genete, L.D., Țugui, A., *Particularities of Audit Planning in E-commerce*, Proceedings of the International Business Information Management Conference (10th IBIMA) on 30 June – 2 July 2008 in Kuala Lumpur, Malaysia, Volume Innovation and Knowledge Management in Business Globalization. Theory & Practice, ISBN: 0-9753393-9-7, WOS:000270977900143, pp. 1056-1062.
 30. Genete L.D., *Using information technologies in financial audit for risk related accounting evaluation: Romania case study*, Proceeding of 8th International-Business-Information-Management-Association Conference (IBIMA) Location: Dublin, Irland, June 20-22, 2007, Volume Information Management in the Networked Economy: Issues & Solutions, WOS:000255509600067, ISSN: 978-0-9753393-7-4, pp. 469-475.
 31. Țugui, A., Genete, L.D., *Financial accounting e-activities in the virtual enterprise*, Proceedings of 6th WSEAS International Conference on E-Activities, Puerto de la Cruz, Spain, December 14-16, 2007, WOS:000253296700036, pp. 215-220.
 32. Țugui, A., Genete, L.D., *Could we speak of a fifth wave of IT&C?*, Proceedings of 6th WSEAS International Conference on E-Activities, Puerto de la Cruz, Spain, December 14-16, 2007, WOS:000253296700037, ISBN: 978-960-6766-22-0, pp. 221-224.

B. Membru in echipa a 2 proiecte de cercetare sau o carte de unic autor publicată la o editură academică recunoscută – condiție îndeplinită pentru ambele alternative, după cum urmează:

B.1 Cartea de unic autor:

1. Radu, L.D., *Riscul în contabilitate și audit. O abordare din perspectiva tehnologiilor informaționale*, Editura Tehnopress, 2014, ISBN 978-606-687-146-4, 227 pagini.

B.2 Membru și/sau director a 7 proiecte de cercetare:

1. CNC SIS, TD 27693/2005, Utilizarea tehnologiilor inteligente pentru modelarea riscului în contabilitate și în audit, 2005-2006, Buget: 17.781 RON, director de proiect.
2. PN-III-P1-1.1-MC-2017-1971, cod: MC-2017-3384, tip: proiect de mobilitate pentru cercetători, 2017, Buget: 3065 RON, director de proiect.
3. CNC SIS-UEFISCSU PN II-RU TE 188/2010, „E-Based and K-Based in Organizational Decision Making: Context and Relevance, director: CS III Sabina Nacula, 2010 – 2013, Buget: 705.076 RON, membru.

4. CEEEX, 5927/2006, Postdoctoral Economic School of Excellence, CIE module (Advanced Research in Accounting and Business Information Systems), Alexandru Ioan Cuza University of Iași, 2006-2008, director: prof. univ. dr. Tugui Alexandru, cercetător postdoctoral, Buget: 166.053 RON.
5. CNCISIS, AT 155/2007, Be Mobile - Mobile technologies in the Romanian business environment, director: conf. univ. dr. Popescul Daniela, 2007-2008, Buget: 65.000 RON, , membru.
6. CNCISIS, A 1580/2005, Optimus - Optimum implementation of the Bologna process in Romanian universities (Alexandru Ioan Cuza University of Iași case study), 2005-2007, director: prof. univ. dr. prof. Oprea Dumitru, Buget: 200.000 RON, membru.
7. CNCISIS, A 662/2004, FINAUDIT - produs informatic pentru auditarea situatiilor financiare ale agentilor economici din Romania, 2005-2006, director: prof. univ. dr. Tugui Alexandru, Buget: 110.000 RON, membru.

C. Minimum 3 articole științifice, dintre care 2 indexate BDI si un articol ISI, trebuie sa fie realizate în ultimii 3 ani – condiție îndeplinită, după cum urmează:

C.1 minim 2 indexate BDI (ISI Web of Knowledge, Scopus, EBSCO, EconLit, REPEC, DOAJ, Cabell's, JSTOR, SienceDirect, SpringerLink, ProQuest) – **condiție îndeplinită prin cele 8 de articole menționate mai jos:**

1. Voda, A.I., Radu, L.D., *Artificial Intelligence and the Future of Smart Cities*. BRAIN. Broad Research in Artificial Intelligence and Neuroscience, 9(2)/2018, pp. 110-127, WOS:000435398100010.
2. Vodă, A.I., Radu, L. D., *Investigating Economic Factors of Sustainability in European Smart Cities*. European Journal of Sustainable Development, 7(1)/2018, pp. 107-120, WOS:000423861000010.
3. Radu, L.D., *Barriers to Green ICT Adoption in Romania*. Academic Journal of Economic Studies, 4(4)/2018, pp. 28-33.
4. Radu, L.D., *An Ecological View on Software Reuse*, Informatica Economică, Vol. 22, No. 3/2018, pp. 75-85.
5. Radu, L.D., *Green ICT: Some Challenges and Potential Solutions*, Acta Oeconomica Universitatis Selye, J. Selye University, Faculty of Economics, Bratislavská, Slovakia, Vol. 7, No. 2/2018, pp. 141-150.
6. Radu, L. D., *Environmental Issues in Internet of Things: Challenges and Solutions*. Acta Universitatis Danubius. (Economica, 14(1)/2018, pp. 20-32.
7. Popescul, D., Radu, L.D., *Data Security in Smart Cities: Challenges and Solutions*, Informatica Economică, Vol. 20, No. 1/2016, pp. 29-38.
8. Radu, L.D., *The impact of auditing on green information and communication technologies*, Audit financiar, XIV, Nr. 2(134)/2016, 217-226.

C.2 minim 1 articol ISI, inclusiv volume ale conferințelor indexate ISI – condiție îndeplinită prin cele 5 articole menționate mai jos:

1. Radu, L.D., *Green Cloud Computing: A Literature Survey*. Symmetry 2017, 9, 295 (IF = 1.457), WOS:000419227200007, <https://www.mdpi.com/2073-8994/9/12/295>.
2. Popescul, D., Păvăloaia, V.D., Tugui, A., Georgescu, M., Radu, L.D., Berechet, L.D., *Education by Choice, Not by Chance: Adjustment of Business Education to the Requirements of Contemporary*

Organizations, Transformations in Business & Economics, Vol. 15, No 3C (39C), 2016, pp.42-59 (IF=0.462), <http://www.transformations.knf.vu.lt/39c/article/educ>

3. Radu, L.D., *Determinants of Green ICT Adoption in Organizations: A Theoretical Perspective*, *Sustainability*, 2016, 8, 731 (IF=1.343), WOS:000382452900033, <http://www.mdpi.com/2071-1050/8/8/731>
4. Radu, L.D., *Greener Software with Agile Methods*, Proceedings of the 16th International Conference on Informatics in Economy (IE 2017), Education, Research & Business Technologies, 4-7 May 2017, București, Romania, ISSN 2284-7472, WOS:000418463600055, pp. 344-351.
5. Radu, L.D., *The Environmental Protection through Green Information Technology in Organization: a Theoretical Perspective*, Proceedings of the 15th International Conference on Informatics in Economy (IE 2016), Education, Research & Business Technologies, 2-5 June 2016, Cluj Napoca, Romania, ISBN: 2284-7472, WOS:000386192300079, pp. 499-504.

D. Se va lua in considerare un singur articol publicat in același număr al unei reviste științifice – condiție îndeplinită pentru toate articolele în reviste menționate mai sus (punctele A.1 si C.1).