

Data 05. 01. 2024

Concurs pentru ocuparea postului de ASISTENT UNIVERSITAR, poz. 150
 Departamentul INFORMATICĂ ȘI CIBERNETICĂ ECONOMICĂ
 Disciplinele: Bazele tehnologiei informației, Sisteme de operare
 Domeniul: CIBERNETICĂ, STATISTICĂ ȘI INFORMATICĂ ECONOMICĂ
 post publicat pe site-ul Direcției de Resurse Umane - ASE.

LISTA DE LUCRĂRI

Candidat: **CLIM I. Antonio - Dr.**/din 2023, prin OM 6913./din 29.12.2023

(NUME, inițială și prenume) (anul) (Titlul didactic/echiv.) (anul)

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 din prezenta listă de lucrări:

1. **Clim A.**, Zota R.D. & Tinica G. (2019) Big Data in home healthcare: A new frontier in personalized medicine. Medical emergency services and prediction of hypertension risks, International Journal of Healthcare Management, 12:3, 241-249, DOI: [10.1080/20479700.2018.1548158](https://doi.org/10.1080/20479700.2018.1548158) ESCI
2. **Clim A.** & Zota, R.(2019).Game theory in designing mHealth apps for monitoring hypertension. Management & Marketing, 14(2) 220-231. <https://doi.org/10.2478/mmcks-2019-0015> ESCI
3. **Clim A.**, Zota R.D., Constantinescu R. & Ilie-Nemedi I. (2020) Health services in smart cities: Choosing the big data mining based decision support, International Journal of Healthcare Management, 13:1, 79-87, DOI: [10.1080/20479700.2019.1650478](https://doi.org/10.1080/20479700.2019.1650478) ESCI
4. **Clim A.**, Toma A., Zota R.D. and Constantinescu R.. (2023). The Need for Cybersecurity in Industrial Revolution and Smart Cities, *Sensors* 23, no. 1: 120. <https://doi.org/10.3390/s23010120> SCIE, ISI
5. **Clim A.**, Zota R.D. (2019) The Kullback-Leibler Divergence Class in Decoding the Chest Sound Pattern. Informatica Economică. Vol 23, Nr. 1, 2019, pg 50-60 <https://doi.org/10.12948/issn14531305/23.1.2019.05> B+
6. **Clim A.** (2019) Cyber security beyond the Industry 4.0 era. A short review on a few technological promises. Informatica Economică, Vol 23, Nr. 2, 2019, pg. 34-44 <https://doi.org/10.12948/issn14531305/23.2.2019.04> B+
7. **Clim A.**, Zota R.D. (2019) Open Standards for public software used by a National Health Insurance House. A study of EU vs USA standardization approaches. Database Systems Journal. Vol 10, Nr. 1, 2019, pg. 54-64 https://www.dbjournal.ro/archive/30/30_6.pdf B+
8. **Clim A.**, Zota R.D. and Constantinescu R. (2019) Data exchanges based on blockchain in m-Health applications. The 9th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, *Coimbra*, Portugal, 2019, Procedia Computer Science, Vol 160, pg. 281-288 <https://doi.org/10.1016/j.procs.2019.11.088> ISI Proceedings
9. **Clim A.**, Zota R.D. and Tinică G. (2018) The Kullback-Leibler Divergence Used in Machine Learning Algorithms for Health Care Applications and Hypertension Prediction: A Literature Review. The 8th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, *Leuven*, Belgium, 2018, Procedia Computer Science, Vol 141, pg. 448- 453 <https://doi.org/10.1016/j.procs.2018.10.144> ISI Proceedings
10. Zota R.D. and **Clim A.** (2019) *Smart healthcare for smart cities*. PROCEEDINGS OF THE SMART CITIES CONFERENCE 7th Edition, Bucuresti, Romania, 2019, Vol 7, Nr. 1, pg. 177-183, Universul Academic Publishing House - ISBN 978-606-9062-44-9, Universitară Publishing House - ISBN 978-606-28-1118-1, <https://scrd.eu/index.php/scic/issue/view/22> ISI Proceedings

2 Teza de doctorat

T1. E-HEALTH APPLICATIONS IN THE CONTEXT OF SMART CITIES, coordonator Prof. Univ. Dr. Răzvan Daniel ZOTA

3 Cărți/cursuri publicate în edituri recunoscute(Ca1, Ca2 etc.), **îndrumare publicate**(I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, (D1, D2 etc.), după caz, prin care se aduc contribuții a dezvoltarea activităților didactice/profesionale.

I1. BAZELE TEHNOLOGIEI INFORMAȚIEI – Suport de curs pentru autoinstruire, 2020, Contributori Zota R.D., Constantinescu R., Dorobăț I., **Clim A.**

(https://online.ase.ro/pluginfile.php/689702/mod_resource/content/1/BTI%20seria%20ID%20-%20Suport%20de%20curs%20pentru%20autoinstruire%20ver%204.2.%20draft%20-1.pdf)

4 Cărți de specialitate publicate în edituri recunoscute(Cb1, Cb2 etc.), **articole/studii** publicate in extenso în reviste de specialitate de circulație internațională recunoscute (reviste cotate ISI sau indexate în baze de date internaționale specifice domeniului)(Ri1, Ri2etc.), **articole/studii in extenso** publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISSN/ ISBN)(Vi1,Vi2 etc.), precum și **alte lucrări similare**: articole/studii publicate

in extenso în reviste de specialitate de circulație națională recunoscute CNCSIS (Rn1, Rn2 etc.), articole/studii publicate in extenso în volumele unor manifestări științifice naționale (cu ISSN/ISBN)(Vn1,Vn2 etc.), lucrări prezentate la diferite seminarii/expoziții, inovații etc.(E1, E2 etc.), după caz, prin care se aduc contribuții la dezvoltarea *domeniului*.

- Ri1. **Clim A.**, Toma A., Zota R.D. and Constantinescu R.. (2023). The Need for Cybersecurity in Industrial Revolution and Smart Cities, *Sensors* 23, no. 1: 120. <https://doi.org/10.3390/s23010120> SCIE, ISI
- Vi1. **Clim A.**, Zota R.D. & Tinica G. (2019) Big Data in home healthcare: A new frontier in personalized medicine. Medical emergency services and prediction of hypertension risks, *International Journal of Healthcare Management*, 12:3, 241-249, <https://doi.org/10.1080/20479700.2018.1548158> ESCI
- Vi2. **Clim A.** & Zota, R.(2019).Game theory in designing mHealth apps for monitoring hypertension. *Management & Marketing*,14(2) 220-231. <https://doi.org/10.2478/mmcks-2019-0015> ESCI
- Vi3. **Clim A.**, Zota R.D., Constantinescu R. & Ilie-Nemedi I. (2020) Health services in smart cities: Choosing the big data mining based decision support, *International Journal of Healthcare Management*, 13:1, 79-87, <https://doi.org/10.1080/20479700.2019.1650478> ESCI
- Vi4. **Clim A.**, Zota R.D. (2019) The Kullback-Leibler Divergence Class in Decoding the Chest Sound Pattern. *Informatica Economică*. Vol 23, Nr. 1, 2019, pg 50-60 <https://doi.org/10.12948/issn14531305/23.1.2019.05> B+
- Vi5. **Clim A.** (2019) Cyber security beyond the Industry 4.0 era. A short review on a few technological promises. *Informatica Economică*, Vol 23, Nr. 2, 2019, pg. 34-44 <https://doi.org/10.12948/issn14531305/23.2.2019.04> B+
- Vi6. **Clim A.**, Zota R.D. (2019) Open Standards for public software used by a National Health Insurance House. A study of EU vs USA standardization approaches. *Database Systems Journal*. Vol 10, Nr. 1, 2019, pg. 54-64 https://www.dbjournal.ro/archive/30/30_6.pdf B+
- Vi7. **Clim A.**, Zota R.D. and Constantinescu R. (2019) Data exchanges based on blockchain in m-Health applications. The 9th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, *Coimbra*, Portugal, 2019, *Procedia Computer Science*, Vol 160, pg. 281-288 <https://doi.org/10.1016/j.procs.2019.11.088> ISI Proceedings
- Vi8. **Clim A.**, Zota R.D. and Tinică G. (2018) The Kullback-Leibler Divergence Used in Machine Learning Algorithms for Health Care Applications and Hypertension Prediction: A Literature Review. The 8th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, *Leuven*, Belgium, 2018, *Procedia Computer Science*, Vol 141, pg. 448- 453 <https://doi.org/10.1016/j.procs.2018.10.144> ISI Proceedings
- Vi9. Zota R.D. and **Clim A.** (2019) *Smart healthcare for smart cities*. PROCEEDINGS OF THE SMART CITIES CONFERENCE 7th Edition, Bucuresti, Romania, 2019, Vol 7, Nr. 1, pg. 177-183, Universul Academic Publishing House - ISBN 978-606-9062-44-9, Universitară Publishing House - ISBN 978-606-28-1118-1, <https://scrd.eu/index.php/scic/issue/view/22> ISI Proceedings

5. Citări ale lucrărilor publicate: referința bibliografică a lucrării citate(Ci1, Ci2) și referința / ele bibliografică / e a / ale lucrării care citează (Ci1.1, Ci1.2..., Ci2.1, Ci2.2, etc.)

Ci1. **Clim A.**, Toma A., Zota R.D. and Constantinescu R.. (2023). The Need for Cybersecurity in Industrial Revolution and Smart Cities, *Sensors* 23, no. 1: 120. <https://doi.org/10.3390/s23010120> SCIE, ISI

- Ci1. 1. Santamaría, P., Tobarra, L., Pastor-Vargas, R. and Robles-Gómez, A., 2023. Smart Contracts for Managing the Chain-of-Custody of Digital Evidence: A Practical Case of Study. *Smart Cities*, 6(2), pp.709-727. <https://doi.org/10.3390/smartcities6020034> [ESCI]
- Ci1. 2. Arghittu, A., Balletto, G. and Dettori, M., 2023. Smart City and Well-Being: Opinions by the Guest Editors. *Urban Science*, 7(1), p.28. <https://doi.org/10.3390/urbansci7010028> [ESCI]
- Ci1. 3. Severt, M., Casado-Vara, R. and Martín del Rey, A., 2023. A Comparison of Monte Carlo-Based and PINN Parameter Estimation Methods for Malware Identification in IoT Networks. *Technologies*, 11(5), p.133. <https://doi.org/10.3390/technologies11050133> [ESCI]
- Ci1. 4. Samal, U. and Kumar, A., 2023. Enhancing Software Reliability Forecasting Through a Hybrid ARIMA-ANN Model. *Arabian Journal for Science and Engineering*, pp.1-14. <https://doi.org/10.1007/s13369-023-08486-1> [AIS=0.362; eISSN 2191-4281, SCIE Q3]
- Ci1. 5. Antonella, A., Balletto, G. and Marco, D., 2023. Smart City and Well-Being: Opinions by the Guest Editors. *URBAN SCIENCE*. <https://doi.org/10.3390/urbansci7010028> [ESCI]
- Ci1. 6. B. A. Abishek, T. Kavyashree, R. Jayalakshmi, S. Tharunkumar and R. Raffik, "Collaborative Robots and Cyber Security in Industry 5.0," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10200319. [Conf. BOOK]
- Ci1. 7. Yue Huang, Taili Du, Cheng Xiang, Yu Zhang, Jicang Si, Hongyong Yu, Haichao Yuan, Peiting Sun, Minyi Xu, "Research Progress of Acoustic Energy Harvesters Based on Nanogenerators", *International Journal of*

Ci2. **Clim A., Zota R.D. & Tinica G. (2019) Big Data in home healthcare: A new frontier in personalized medicine. Medical emergency services and prediction of hypertension risks, International Journal of Healthcare Management, 12:3, 241-249, <https://doi.org/10.1080/20479700.2018.1548158> ESCI**

- Ci2. 1. Attaran, M., 2022. Blockchain technology in healthcare: Challenges and opportunities. *International Journal of Healthcare Management*, 15(1), pp.70-83. [ESCI]
- Ci2. 2. Aghdam, Z.N., Rahmani, A.M. and Hosseinzadeh, M., 2021. The role of the Internet of Things in healthcare: Future trends and challenges. *Computer methods and programs in biomedicine*, 199, p.105903. <https://doi.org/10.1016/j.cmpb.2020.105903> [AIS=0.988; eISSN 1872-7565, SCIE Q1]
- Ci2. 3. Erol, Ismail & Oztel, Ahmet & Searcy, Cory & Medeni, İ. Tolga, 2023. "Selecting the most suitable blockchain platform: A case study on the healthcare industry using a novel rough MCDM framework," *Technological Forecasting and Social Change*, Elsevier, vol. 186(PA). <https://doi.org/10.1016/j.techfore.2022.122132> [AIS=1.849; eISSN 1873-5509, SCIE Q1]
- Ci2. 4. Cozzoli, N., Salvatore, F.P., Faccilongo, N. and Milone, M., 2022. How can big data analytics be used for healthcare organization management? Literary framework and future research from a systematic review. *BMC health services research*, 22(1), pp.1-14. <https://doi.org/10.1186/s12913-022-08167-z> [AIS=0.967; eISSN 1472-6963, SCIE Q2]
- Ci2. 5. Qi, P., Chiaro, D., Giampaolo, F. and Piccialli, F., 2023. A blockchain-based secure Internet of medical things framework for stress detection. *Information Sciences*, 628, pp.377-390. <https://doi.org/10.1016/j.ins.2023.01.123> [AIS=1.333; eISSN 1872-6291, SCIE Q1]
- Ci2. 6. Taherdoost, H., 2023. Blockchain-Based Internet of Medical Things. *Applied Sciences*, 13(3), p.1287. <https://doi.org/10.3390/app13031287> [AIS=0.413; eISSN 2076-3417, SCIE Q3]
- Ci2. 7. Sharma, A., Malviya, R. and Gupta, R., 2022. Big data analytics in healthcare. *Cognitive Intelligence and Big Data in Healthcare*, pp.257-301. <https://doi.org/10.1002/9781119771982.ch10> [ESCI]
- Ci2. 8. Attaran, M., 2023. Blockchain-enabled healthcare data management: a potential for COVID-19 outbreak to reinforce deployment. *International Journal of Business Information Systems*, 43(3), pp.348-368. <https://doi.org/10.1504/IJBIS.2023.132068>
- Ci2. 9. Mgudlwa, S. and Iyamu, T., 2021. A Framework for accessing patient big data: ANT view of a south African health facility. *The African Journal of Information Systems*, 13(2), p.5.
- Ci2. 10. Tzovaras, B.G., Hidalgo, E.S., Alexiou, K., Baldy, L., Morane, B., Bussod, I., Fribourg, M., Wac, K., Wolf, G. and Ball, M., 2021. Quantified Flu: an individual-centered approach to gaining sickness-related insights from wearable data. *medRxiv*, pp.2021-03.
- Ci2. 11. Greshake Tzovaras B, Senabre Hidalgo E, Alexiou K, Baldy L, Morane B, Bussod I, Fribourg M, Wac K, Wolf G, Ball M
Using an Individual-Centered Approach to Gain Insights From Wearable Data in the Quantified Flu Platform: Netnography Study, *J Med Internet Res* 2021;23(9):e28116; doi: 10.2196/28116. [AIS=1.777; eISSN 1438-8871, SCIE Q1]
- Ci2. 12. Estrela, V.V., Aroma, J., Sroufer, R., Raimond, K., Intorne, A.C., Deshpande, A., Laghari, A.A. and Oliveira, L.P., Remote Sensing Applications in Disease Mapping and Public Health Analysis. In *Intelligent Healthcare Systems* (pp. 185-202). CRC Press. [BOOK]
- Ci2. 13. Miya, T.V., Mosoane, B., Lolas, G. and Dlamini, Z., 2023. Healthcare Transformation Using Blockchain Technology in the Era of Society 5.0. In *Society 5.0 and Next Generation Healthcare: Patient-Focused and Technology-Assisted Precision Therapies* (pp. 249-266). Cham: Springer Nature Switzerland. [BOOK]
- Ci2. 14. ATUAHENE, B.T., 2021. CAPABILITY NEEDS FOR IMPROVING CONSTRUCTION PROCESS THROUGH THE APPLICATION OF BIG DATA ANALYSIS [Doctoral dissertation, University of Newcastle].
- Ci2. 15. Li, Z. and Millar-Bilbao, F., 2021, March. Characterising edge-cloud data transmission for patient-centric healthcare systems. In *2020 IEEE International Conference on E-health Networking, Application & Services (HEALTHCOM)* (pp. 1-6). IEEE. [Conf. BOOK]
- Ci2. 16. Saxena, D., Khanna, S., Mangesh, S., Chaudhry, M. and Ghafoor, K.Z., 2022. Social and Technical Challenges in Eco-Sustainable Smart City in India—An Analysis. In *Sustainable Smart Cities: Theoretical Foundations and Practical Considerations* (pp. 87-104). Cham: Springer International Publishing. [BOOK]
- Ci2. 17. Ohvanainen, A., Niemi-Murola, L., Elonheimo, O. and Pöyhä, R., 2021. Hospital-at-home network in Finland. *International Journal of Healthcare Management*, 14(4), pp.1018-1024. [ESCI]
- Ci2. 18. Ajitha, D., Gouri, C.S., Eklure, S.B. and Chakraborty, C., 2022. Healthcare Infrastructure in Future Smart Cities. In *Intelligent Healthcare: Infrastructure, Algorithms and Management* (pp. 321-341). Singapore: Springer Nature Singapore. [BOOK]
- Ci2. 19. Huang, J. and Dang, F., 2022. Analysis of Inducing Factors of Chronic Pulmonary Heart Disease Caused by Chronic Obstructive Pulmonary Disease at High Altitude through Epidemiological Investigation under Intelligent Medicine and Big Data. *Journal of Healthcare Engineering*, 2022. [ESCI]

- Ci2. 20. Mgudlwa, S. and Iyamu, T., 2021. The African Journal of Information Systems. *The African Journal of Information Systems*, 13(2), p.5.
- Ci2. 21. Dikovic, L., 2021. Internet of things in healthcare as an innovative form of personalized medicine. In *Encyclopedia of Information Science and Technology, Fifth Edition* (pp. 1933-1943). IGI Global. **[BOOK]**
- Ci2. 22. He, M., 2023, April. Application of Big Data Analysis in Personalized Service Management of University Libraries. In *Information and Knowledge Management* (Vol. 4, No. 1, pp. 71-78). Clausius Scientific Press. **[BOOK]**
- Ci2. 23. Taherdoost, Hamed. 2023. "Blockchain-Based Internet of Medical Things" *Applied Sciences* 13, no. 3: 1287. <https://doi.org/10.3390/app13031287> **[AIS=0.413; eISSN 2076-3417, SCIE Q3]**
- Ci2. 24. Villarreal, E.R.D., Alegría, J.A.U. and ía Alonso, J.M., 2022, June. Is Blockchain the solution to the challenges of reliable interoperability in the healthcare ecosystem? In *2022 17th Iberian Conference on Information Systems and Technologies (CISTI)* (pp. 1-6). IEEE. **[Conf. BOOK]**
- Ci2. 25. Okpe, S.O., 2022. *Challenges Impoverished People in Sub-Saharan Africa Experience in the Adoption of Technology* **[Doctoral dissertation, Colorado Technical University]**.
- Ci2. 26. Kimari, A.M., *The effects of blockchain to improve the governance of Public Healthcare information in Kenya* **[Doctoral dissertation, University of Johannesburg]**.
- Ci2. 27. Liu, Y., Jen, L. and Yeh, W., 2021. Looking inside your shopping bags: The use of retail data to capture health lifestyle. *International Journal of Healthcare Management*, 14(3), pp.837-846. **[ESCI]**
- Ci2. 28. Pravallika, K., Sk, N., Poojitha, T. and Greeshma, K., 2022. Block chain technology in healthcare: challenges and opportunities. *International Journal of Health Care and Biological Sciences*, pp.51-55.
- Ci2. 29. Kuzminskas, A., 2020. *Application of big data in management accounting: a case of Lithuanian service companies* **[Doctoral dissertation, Kauno technologijos universitetas]**.
- Ci2. 30. Seo Hyo-Chang, 2022. Cardiovascular Digital Healthcare Research Using Deep Learning **[Doctoral dissertation, Ulsan National University Graduate School of Medicine, Department of Biomedical Engineering]**.
- Ci2. 31. SAHUT, J.M. and FRAGNIERE, E., Call for Papers-Special Issue The Impact of Big Data on Decision-Making, Processes and Organizational Change. *Canadian Journal of Administrative Sciences* (https://dif2021.sciencesconf.org/data/pages/CFP_CJAS_Big_Data_Janv_2022.pdf) **[AIS=0.393; eISSN 1936-4490, SCIE Q4]**
- Ci3. **Clim A.** & Zota, R.(2019).Game theory in designing mHealth apps for monitoring hypertension. *Management & Marketing*,14(2) 220-231. <https://doi.org/10.2478/mmcks-2019-0015> **ESCI**
- Ci3. 1. Domínguez-Miranda, S.A. and Rodríguez-Aguilar, R., 2022, June. Health 4.0, Prevention, and Health Promotion in Companies: A Systematic Literature Review. In *International Conference on Computer Science and Health Engineering* (pp. 217-245). Cham: Springer International Publishing. https://doi.org/10.1007/978-3-031-34750-4_13 **[Conf. BOOK]**
- Ci3. 2. Stephen, B.U.A., Uzoewulu, B.C., Asuquo, P.M. and Ozuomba, S., 2023. Diabetes and hypertension MobileHealth systems: a review of general challenges and advancements. *Journal of Engineering and Applied Science*, 70(1), p.78. <https://doi.org/10.1186/s44147-023-00240-6> **[ESCI]**
- Ci3. 3. Esmacilyard, R. and Esmaili, R., 2022. A privacy-preserving mechanism for social mobile crowdsensing using game theory. *Transactions on Emerging Telecommunications Technologies*, 33(9), p.e4517. <https://doi.org/10.1002/ett.4517> **[AIS=0.386; eISSN 2161-3915, SCIE, Q3]**
- Ci3. 4. Aboelimged, M. and Mouakket, S., 2020. Influencing models and determinants in big data analytics research: A bibliometric analysis. *Information Processing & Management*, 57(4), p.102234. <https://doi.org/10.1016/j.ipm.2020.102234> **[AIS=1.252; eISSN 1873-5371, SCIE Q1]**
- Ci3. 5. Liu F, Song T, Yu P, Deng N, Guan Y, Yang Y, Ma Y, 2023. Efficacy of an mHealth App to Support Patients' Self-Management of Hypertension: Randomized Controlled Trial. *J Med Internet Res* 2023; <https://www.jmir.org/2023/1/e43809/>, doi: [10.2196/43809](https://doi.org/10.2196/43809) **[AIS=1.777; ISSN 1438-8871, SCIE Q1]**
- Ci4. **Clim A.**, Zota R.D., Constantinescu R. & Ilie-Nemedi I. (2020) Health services in smart cities: Choosing the big data mining based decision support, *International Journal of Healthcare Management*, 13:1, 79-87, <https://doi.org/10.1080/20479700.2019.1650478> **ESCI**
- Ci4. 1. Kushwaha, A.K., Kar, A.K. and Dwivedi, Y.K., 2021. Applications of big data in emerging management disciplines: A literature review using text mining. *International Journal of Information Management Data Insights*, 1(2), p.100017. <https://doi.org/10.1016/j.jime.2021.100017> **[ESCI]**
- Ci4. 2. ZHANG, M., WANG, J.J., MA, J., YANG, T., HU, Z.J., CHEN, H.Y. and REN, Y., 2021. Discussion on the new generation of vascular stent from the development of implantable medical devices. *ACTA ELECTRONICA SINICA*, 49(7), p.1406. <https://www.ejournal.org.cn/EN/10.12263/DZXB.20200939>

- Ci4. 3. Reichenpfader, D. and Hanke, S., 2021. Requirements and architecture of a cloud based insomnia therapy and diagnosis platform: a smart cities approach. *Smart Cities*, 4(4), pp.1316-1336. <https://doi.org/10.3390/smartcities4040070> [ESCI]
- Ci4. 4. Abdelrahman, Y., Hajek, P. and Lubica, H., 2023. Research trends in the application of big data in smart cities—A literature review. *Canadian Journal of Administrative Sciences/Revue Canadienne des Sciences de l'Administration*, 40(3), pp.254-269. <https://doi.org/10.1002/cjas.1734> [AIS=0.393; eISSN 1936-4490, SCIE Q4]
- Ci4. 5. Annan-Noonoo, P., Acheampong, B., Budu, J. and Entee, E., 2022. A review of dominant issues, multi-dimensions, and future research directions for smart cities. *Digital Innovations, Business and Society in Africa: New Frontiers and a Shared Strategic Vision*, pp.281-310. https://doi.org/10.1007/978-3-030-77987-0_13 [BOOK]
- Ci4. 6. Saragih, T.H., Wijayaningrum, V.N. and Haekal, M., 2021. Jatropa Curcas Disease Identification using Random Forest. *J. Ilm. Tek. Elektro Komput. dan Inform.*, 7(1), p.9. <http://dx.doi.org/10.26555/jiteki.v7i1.20141>
- Ci4. 7. Melhim, L.K.B., 2022. Health Care Optimization by Maximizing the Air-Ambulance Operation Time. *IJCSNS*, 22(2), p.357. <https://doi.org/10.22937/IJCSNS.2022.22.2.45>
- Ci4. 8. Zhang Ming, Wang Jingjing, Ma Jun, Yang Tao, Hu Zuojun, Chen Hongyu, and Ren Yong, 2021. The Development of Implantable Medical Electronics from the Perspective of Intelligent Stents. *Acta Electronica Sinica*, 49(7), p.1406.
- Ci4. 9. Rathee, G., Sharma, A., Saini, H. et al. A hybrid framework for multimedia data processing in IoT-healthcare using blockchain technology. *Multimed Tools Appl* 79, 9711–9733 (2020). <https://doi.org/10.1007/s11042-019-07835-3> [AIS=0.404; eISSN 1573-7721, SCIE Q3]
- Ci4. 10. Duda, O., Dzhydzhora, L., Matsiuk, O., Stanko, A., Kunanets, N., Pasichnyk, V. and Kunanets, O., 2020. Mobile Information System for Monitoring the Spread of Viruses in Smart Cities. *Вісник Національного університету "Львівська політехніка". Інформаційні системи та мережі*, (8), pp.65-70.
- Ci5. **Clim A.**, Zota R.D. (2019) The Kullback-Leibler Divergence Class in Decoding the Chest Sound Pattern. *Informatica Economică*. Vol 23, Nr. 1, 2019, pg 50-60 <https://doi.org/10.12948/issn14531305/23.1.2019.05> B+
- Ci5. 1. Delao, K.O., 2020. *Improving EMG Movement Classification Accuracy with Relative Entropy*. California State University, Los Angeles. [Master Thesis, California State University, Los Angeles]
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Sumar citări în quartile (conform UEFISCDI¹):

Q1 = 14², Q2=5³, Q3=14⁴, Q4=14⁵

Notă

- (1) Fiecare lucrare este prezentată, în limba în care a fost publicată/expusă, corespunzător structurii “ I, II, III, IV, V, VI, VII ”, unde: I este indicativul (T1, T2 etc.; Ca1, Ca2 etc.; ...), care se scrie “bold” la lucrările realizate după acordarea ultimului titlu didactic/grad profesional(Ca**1**, **II** etc., după caz); II - autorii în ordinea din publicație, cu scriere “bold” a **candidatului**; III – *titlul*, scris “italic”; IV - editura sau revista sau manifestarea și/sau alte elemente de localizare, după caz; V - intervalul de pagini din publicație, respectiv, pp ...-..., numărul total de pagini, respectiv, ... pg., sau alte date similare, după caz; VI - anul sau perioada de realizare, după caz.; VII – ISSN (pentru reviste) sau ISBN (pentru cărți, manuale, tratate, volumele unor manifestări științifice, etc).
- (2) În cadrul fiecărui grup de lucrări (Ca1, Ca2 etc.; I1, I2 etc. ; ...), lucrările sunt în ordine invers cronologică.

Candidat,
Antonio CLIM

¹ UEFISCDI: JCR 2022 (ediția iunie 2023): [AIS](#) (parolă tabel: uefiscdi)

² Ci1.7, Ci2.2, Ci2.3, Ci2.5, Ci2.11, Ci3.4, Ci3.5, Ci6.6, Ci7.1, Ci7.7, Ci7.9, Ci7.13, Ci8.3, Ci8.25

³ Ci2.4, Ci6.11, Ci7.4, Ci8.2, Ci8.13

⁴ Ci1.4, Ci2.6, Ci2.23, Ci3.3, Ci4.9, Ci6.5, Ci7.2, Ci7.3, Ci7.5, Ci7.12, Ci7.34, Ci8.4, Ci8.5, Ci8.6

⁵ C2.31, Ci4.4, Ci5.2, Ci6.1, Ci6.2, Ci7.19, Ci8.7, Ci8.8

INFORMAȚII OBLIGATORII ÎN LISTA DE LUCRĂRI

1. Monografii/cărți de specialitate/manuale/tratate:

Autori (lista completă), titlu, editură, recunoașterea CNCS a editurii în funcție de domeniul științific, an apariție, numărul total de pagini al publicației, numărul de pagini care aparțin candidatului, ISBN.

2. Articole/studii de specialitate publicate în reviste recunoscute din țară și/sau străinătate:

Autori (lista completă), titlu articol/studiu, nume revistă, număr/volum apariție și an, paginile unde se găsește articolul, cotația revistei conform evaluării CNCS, după caz, baza/bazele de date care indexează revista, scor relativ de influență al revistei sau factor de impact al revistei, după caz, ISSN.

3. Studii/capitole publicate în volume colective sau volumele unor conferințe publicate la o editură din țară sau străinătate:

Autori (lista completă), denumire volum colectiv/conferință, titlu studiu/capitol, denumire conferință, loc și perioadă desfășurare conferință, editură, recunoașterea CNCS a editurii în funcție de domeniul științific, an apariție volum, paginile unde se găsește studiul/capitolul, numărul total de pagini al publicației, numărul de pagini care aparțin candidatului, ISBN/ISSN.

4. Citări ale lucrărilor publicate:

Pentru lucrarea citată și pentru lucrările care citează se va completa cu referințele bibliografice conform punctelor 1, 2, 3.