

## FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR CNADCU

**postul:** conferențiar universitar, **poziția**16,  
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Candidat: **Gabriel Mihail DANCIU**                      Data nașterii    05/11/1980  
Funcția actuală: șef dr. ing.    Instituția: Universitatea Transilvania din Braşov  
Comisia calculatoare, tehnologia informației și ingineria sistemelor

### A1. Activitatea didactică și profesională

#### 1.1 Cărți/manuale/monografii/capitole în cărți de specialitate

##### 1.1.1 Cărți/ manuale/monografii/ capitole ca autor

###### 1.1.1.1 internaționale

Punctaj (50/nr. de autori sau 100/nr. autori cu condiția[2])

- |   |   |              |
|---|---|--------------|
| 1 | Gyrard, A., Gribbon, P., Hussein, R., Abedian, S., Bonmati, L.M., Cabornero, G.L., Manias, G., <b>Danciu, G. M.</b> , Dalmiani, S., Autexier, S., Nuland, R., Jendrossek, M., Avramidis, I., and Alvarez, E.G. (2024). Synergies Among Health Data Projects with Cancer Use Cases Based on Health Standards. ISBN:978-1-64368-533-5   | <b>1.785</b> |
| 2 | Lampropoulos K., Zarras A., Lakka E., Barmpaki P., Drakonakis K., Athanatos M., Herve D., Alexopoulos A., Sotiropoulos A., Tsakirakis G., Dimakopoulos N., Tsolovos D., Pocs M., Smyrlis M., Basdekis I., Spanoudakis G., Mihaila O., Prelipcean B., Salant E., Athanassopoulos S., Papachristou P., Ladakis I., Chang J., Floros E., Smyrlis K., Besters R., ÅrsandE., Randine P., Løvaas K.F., Cooper J., Ilie I. <b>Danciu G. M.</b> , Khabbaz M. (2023). White paper on cybersecurity in the healthcare sector. The HEIR solution. ISBN: 2310.10139 | <b>1.515</b> |

###### 1.1.1.2 naționale (Ed. Recunoscute CNCSIS)

Punctaj: nr. pagini/(50/nr. de autori )

- |   |  |           |
|---|--|-----------|
| 1 | 1. <b>Danciu G. M.</b> (2023). Introduction to Java Programming. ISBN: 978-606-19-1665-8 | <b>50</b> |
|---|--|-----------|

#### 1.2. Material didactic / Lucrări didactice

##### 1.2.1 Suporturi de curs/Îndrumare/ Alte materiale didactice inclusiv în format electronic

Punctaj: (40/nr. autori)

- |   |  |              |
|---|--|--------------|
| 1 | <b>Danciu G. M.</b> , Dinu A., Dobrinaș A. (2022). Structuri de date și algoritmi. ISBN: 9786061914838 | <b>13.33</b> |
| 2 | <b>Danciu G. M.</b> , Dobrinaș A. (2022). Programarea algoritmilor. ISBN: 975606191485                 | <b>20</b>    |

**TOTAL** **86.63**  
( Min. 50)

## A2. Activitatea de cercetare

### 2.1 Articole în Reviste cotate ISI și în volumele unor manifestări științifice indexate ISI (25 + 30 \* fact. impact)/ (nr.de autori)

|   |   |              |
|---|---|--------------|
| 1 | <b>Danciu G. M.</b> , Dinu A. (2022).Coverage Fulfillment Automation in Hardware Functional Verification Using Genetic Algorithms. ISSN: 20763417 zona:Q2 <a href="https://www.mdpi.com/2076-3417/12/3/1559">https://www.mdpi.com/2076-3417/12/3/1559</a>   | <b>52.55</b> |
| 2 | Dinu A., <b>Danciu G. M.</b> , Ogruțan P.L. (2022). Cost-Efficient Approaches for Fulfillment of Functional Coverage during Verification of Digital Designs. ISSN: 2072666X. zona:Q2 <a href="https://www.mdpi.com/2072-666X/13/5/691">https://www.mdpi.com/2072-666X/13/5/691</a>  | <b>37.23</b> |
| 3 | Bundea M., <b>Danciu G. M.</b> (2024). Pneumonia Image Classification Using Dense Net Architecture. ISSN: 078-2489. zona:Q2 <a href="https://www.mdpi.com/2078-2489/15/10/611">https://www.mdpi.com/2078-2489/15/10/611</a>   | <b>48.5</b>  |
| 4 | Stroia-Vlad I.A., <b>Danciu G. M.</b> , Nechifor C.S. (2024). Elevating Water Flow Level Predictions through Strategic Feature Elimination, 2024 IEEE International ConferenceAndExposition On Electric And Power Engineering (EPEi) 2024,ISBN: 979-8-3503-5619-9 <a href="https://ieeexplore.ieee.org/document/10758054">https://ieeexplore.ieee.org/document/10758054</a> | <b>10.83</b> |
| 5 | Dinu A., <b>Danciu G. M.</b> , Gheorghe Ș. (2021).Levelup in verification: learning from functional snapshots.16th International Conference on Engineering of Modern Electric Systems (EMES) issn: isbn:10.1109/EMES52337.2021.9484129. <a href="https://ieeexplore.ieee.org/abstract/document/9484129">https://ieeexplore.ieee.org/abstract/document/9484129</a>           | <b>10.83</b> |
| 6 | Pârvan I.C., <b>Danciu G. M.</b> , Bălan T. (2021). Noise pollution monitoring using mobile crowd sensing and SAP analytics. 16th International Conference on Engineering of Modern Electric Systems (EMES). ISBN:20892879 <a href="https://ieeexplore.ieee.org/abstract/document/9484144">https://ieeexplore.ieee.org/abstract/document/9484144</a>                        | <b>10.83</b> |
| 7 | Dinu A., <b>Danciu G. M.</b> , Ogruțan P.L. (2022).Efficient analysis of digital systems supplied data. International Symposium on Electronics and Telecommunications (ISETC). ISBN:20326886 <a href="https://ieeexplore.ieee.org/abstract/document/9301139">https://ieeexplore.ieee.org/abstract/document/9301139</a>  | <b>10.83</b> |
| 8 | Dinu A., <b>Danciu G. M.</b> , Ogruțan P.L. (2020).Debug FPGA projects using machinel earning. International Semiconductor Conference (CAS). ISBN:20237531. <a href="https://ieeexplore.ieee.org/document/9268007">https://ieeexplore.ieee.org/document/9268007</a>   | <b>10.83</b> |
| 9 | Stroia-Vlad I.A., <b>Danciu G. M.</b> (2020). A survey on outlier detection method applied on air quality data. International Symposium on Electronics and Telecommunications (ISETC). ISBN:20266824. <a href="https://ieeexplore.ieee.org/document/9301140">https://ieeexplore.ieee.org/document/9301140</a>   | <b>16.25</b> |

|    |  |              |
|----|--|--------------|
| 10 | Pop M. C., <b>Danciu G. M.</b> (2020). Object classification using frequency analysis. International Symposium on Electronics and Telecommunications (ISETC). ISSN:24757861 ISBN:978-1-7281-9513-1.<br><a href="https://ieeexplore.ieee.org/document/9301148">https://ieeexplore.ieee.org/document/9301148</a>   | <b>16.25</b> |
| 11 | <b>Danciu G. M.</b> (2017). Methodproposal for blob separation in segmented images. International Conference on Optimization of Electricaland Electronic Equipment, OPTIM. ISBN:978-1-5090-4489-4.<br><a href="https://ieeexplore.ieee.org/document/7975120">https://ieeexplore.ieee.org/document/7975120</a>  | <b>32.5</b>  |
| 12 | Banu S., Toacșe G., <b>Danciu G. M.</b> (2014). Objective erythema assessment of Psoriasis lesions for PsoriasisArea and Severity Index (PASI) evaluation. IEEE. ISBN:978-1-4799-5849-8. <a href="https://ieeexplore.ieee.org/document/6969867">https://ieeexplore.ieee.org/document/6969867</a>   | <b>10.83</b> |
| 13 | <b>Danciu G. M.</b> , Szekely I. (2014).Genetic algorithm for depth images in RGB-D cameras. International Symposium for Design and Technology of Electronics Packages (SIITME). ISBN:978-1-4799-6962-3.<br><a href="https://ieeexplore.ieee.org/xpl/conhome/6961831/proceeding">https://ieeexplore.ieee.org/xpl/conhome/6961831/proceeding</a>                                | <b>16.25</b> |
| 14 | <b>Danciu G. M.</b> , Szekely I. (2014). Hierarchical contours based on depth images. International Conference on Optimization of Electrical and Electronic Equipment (OPTIM). ISSN:18420133 ISBN:978-1-4799-5183-3.<br><a href="https://ieeexplore.ieee.org/abstract/document/6850921">https://ieeexplore.ieee.org/abstract/document/6850921</a>                              | <b>16.25</b> |
| 15 | Moga H., Sandu F., <b>Danciu G. M.</b> , Boboc R., Constantinescu I. (2013). Extended control-value emotional agent based on fuzzy logic approach. Roedunet International Conference (RoEduNet). ISSN:20681038 ISBN:978-1-4673-6116-3.nivel Proceeding ISI:0.25<br><a href="https://ieeexplore.ieee.org/document/6511734">https://ieeexplore.ieee.org/document/6511734</a>     | <b>6.5</b>   |
| 16 | <b>Danciu G. M.</b> , Banu S., Ivanovici M. (2012). Scale and rotation-invariant feature extraction for color images of iris melanoma. International Conference on Optimization of Electricaland Electronic Equipment, OPTIM. ISSN:20681038 ISBN:978-1-4673-6116-3.<br><a href="https://ieeexplore.ieee.org/document/6231886">https://ieeexplore.ieee.org/document/6231886</a> | <b>10.83</b> |
| 17 | <b>Danciu G. M.</b> , Ivanovici M., Buzuloiu V. (2010). Improved contours for ToF cameras based on vicinity logic operations. International Conference on Optimization of Electrical and Electronic Equipment, OPTIM. ISSN:18420133 ISBN:978-1-4244-7020-4.<br><a href="https://ieeexplore.ieee.org/document/5510428">https://ieeexplore.ieee.org/document/5510428</a>         | <b>10.83</b> |
| 18 | <b>Danciu G. M.</b> , A method proposal of scene recognition for RGB-D cameras revista:11th IEEE International Symposium on Applied Computational Intelligence and Informatics, May 12-14, 2016 • Timișoara, Romania issn: isbn:978-1-5090-2380-6<br><a href="https://ieeexplore.ieee.org/document/7507390">https://ieeexplore.ieee.org/document/7507390</a>                   | <b>25</b>    |

## 2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)

Punctaj : 20/nr.de autori

- |   |   |             |
|---|---|-------------|
| 1 | <b>Danciu G. M.</b> , Nicolae I. E., Ilie I., Nechifor S. C. (2023). Advanced Notebook: A tool for enhanced Management of Machine Learning models and procedures in the Healthcare Domain. 2023 International Conference on Applied Mathematics & Computer Science (ICAMCS). BDI1: IEEE Xplore. ISBN: 979-8-3503-2426-6.<br><a href="https://ieeexplore.ieee.org/document/10438681">https://ieeexplore.ieee.org/document/10438681</a> | <b>6.66</b> |
| 2 | Zaharia T., <b>Danciu G. M.</b> , Ilie I., Nicolae I. E., Nechifor S. C. (2023). A simplified Approach for Accurate Arrhythmia Detection using Automated Machine Learning. International Symposium on Advanced Topics in Electrical Engineering (ATEE). BDI1: IEEE Xplore. ISSN:21593604 ISBN:979-8-3503-3193-6.<br><a href="https://ieeexplore.ieee.org/document/10108192">https://ieeexplore.ieee.org/document/10108192</a>         | <b>4</b>    |
| 3 | Zaharia C., Sandu F., <b>Danciu G. M.</b> (2021). Adaptive Scaling for Image Sensors in Embedded Security Applications. 20th RoEduNet Conference: Networking in Education and Research (RoEduNet). BDI1: Scopus. ISBN:21483977.<br><a href="https://ieeexplore.ieee.org/document/9638265">https://ieeexplore.ieee.org/document/9638265</a>  | <b>6.66</b> |
| 4 | <b>Danciu G. M.</b> , Banu S., Căliman A. (2012). Shadow removal in depth images morphology-based for Kinect cameras. International Conference on System Theory, Control, and Computing (ICSTCC). ISBN:978-606-834-846-9.<br><a href="https://ieeexplore.ieee.org/document/6379195">https://ieeexplore.ieee.org/document/6379195</a>  | <b>6.66</b> |

## 2.4 Granturi/proiecte câștigate prin competiție

### 2.4.1 Director/ Responsabil

#### 2.4.1.1 Internaționale

Punctaj : 20\* ani de desfășurare

- |   |  |           |
|---|--|-----------|
| 1 | Scalable Platform for Innovations on Real-time Immersive Telepresence SPIRIT. Perioada: 2024-2025. Finanțator: HORIZON 2020, Interuniversitair Micro-Electronica Centrum (IMEC). Nr. Contract: 101070672. Nr. Ani Derulare: 1<br>Valoare proiect: 200.000 euro | <b>20</b> |
|---|--|-----------|

### 2.4.2. Membru în echipă

#### 2.4.1.1. internaționale

Punctaj : 4\*nr.ani participare in proiect

- |   |  |           |
|---|--|-----------|
| 1 | SEDIMARK. Perioada: 2022-2025. Finanțator: Horizon Europe. Nr. Contract: 101070074. Nr Ani Derulare: 3 | <b>12</b> |
| 2 | iHelp.Perioada:2021-2024.Finanțator:Horizon 2020. Nr. Contract:101017441. Nr. AniDerulare:3            | <b>12</b> |

### 2.4.2.2. naționale

Punctaj : 2\*nr.ani participare in proiect

<https://intranet.unitbv.ro/Cercetare-stiintifica/Fisa-CNATDCU/Completare-fisa-standardde-CNATDCU>

- |   |  |          |
|---|--|----------|
| 1 | Camera de interacție cu sistem de aliniere integrat față de un fascicul Gamma/ELICAM-GAMMA. Perioada: 2016-2019.<br>Finanțator: PNCDI III – UEFISCDI. Nr. Contract: G-M-1. CDI 5/5.1/ELI-RO. Nr. Ani Derulare: 3 | <b>6</b> |
|---|--|----------|

|                             |               |
|-----------------------------|---------------|
| <b>TOTAL</b><br>(minim 300) | <b>427.94</b> |
|-----------------------------|---------------|

## A.3 Recunoașterea și impactul activității

### 3.1 Vizibilitate în baze de date internaționale

#### 3.1.1 Citări în articole indexate ISI

Punctaj : (8/nr. autori articol citat)

- |    |   |              |
|----|---|--------------|
| 1. | <b>Lucrare citată:</b> Banu S., Toacșe G., <b>Danciu G. M.</b> (2014).Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation.<br><b>Citat de:</b> Ritesh Raj, N. D. L., Rajendra S. S. (2024). Objective scoring of psoriasis area and severity index in 2D RGB images using deep learning.<br><b>Publicație:</b> Multimedia Tools and Applications.<br><a href="https://link.springer.com/article/10.1007/s11042-024-18138-7">https://link.springer.com/article/10.1007/s11042-024-18138-7</a>   | <b>2.666</b> |
| 2. | <b>Lucrare citată:</b> Banu S., Toacșe G., <b>Danciu G. M.</b> (2014).Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation.<br><b>Citat de:</b> Borzdynski C., Miller C., Vicendese D., McGuinness W. (2021). Brief intermittent pressure off-loading on skin microclimate in healthy adults – A descriptive-correlational pilot study.<br><b>Publicație:</b> Elsevier, Journal of Tissue Viability.<br><a href="https://www.sciencedirect.com/science/article/pii/S0965206X21000322?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S0965206X21000322?via%3Dihub</a> | <b>2.666</b> |
| 3. | <b>Lucrare citată:</b> Banu S., Toacșe G., <b>Danciu G. M.</b> (2014).Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation.<br><b>Citat de:</b> Abdlaty R., Hayward J., Farrell T., Fang Q. (2021). Skin erythema and pigmentation:area view of optical assessment techniques.<br><b>Publicație:</b> Elsevier, Photo diagnosis and Photo dynamic Therapy.<br><a href="https://www.sciencedirect.com/science/article/pii/S1572100020304816?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S1572100020304816?via%3Dihub</a>  | <b>2.666</b> |

4. **Lucrare citată:** Banu S., Toacșe G., **Danciu G. M.** (2014). Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation. **2.666**  
**Citat de:** Li H., Chen G., Zhang L., Xu C., Wen J. (2024). A review of psoriasis image analysis based on machine learning.  
**Publicație:**Frontiers in Medicine.  
<https://www.frontiersin.org/journals/medicine/articles/10.3389/fmed.2024.1414582/full>
5. **Lucrare citată:** Banu S., Toacșe G., **Danciu G. M.** (2014). Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation. **2.666**  
**Citat de:**Choudhary P., Singhai J., Yadav J.S. (2022).A Novel Approach for Automatic Identification of Psoriasis Affected Skin Area.  
**Publicație:**2nd International Conference On Emerging Computation and Information Technologies (ICECIT).  
<https://ieeexplore.ieee.org/document/9740901>
6. **Lucrare citată:** Banu S., Toacșe G., **Danciu G. M.** (2014). Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation. **2.666**  
**Citat de:** Arunkumar T.R., Jayanna H.S. (2021). A Novel Light Weight Approach For Identification of Psoriasis Affected Skin Lesion Using Deep Learning.  
**Publicație:**Journal of Physics: Conference Series.  
<https://iopscience.iop.org/article/10.1088/1742-6596/2062/1/012017/pdf>
7. **Lucrare citată:** Banu S., Toacșe G., **Danciu G. M.** (2014). Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation. **2.666**  
**Citat de:** Schaap M.J., Cardozo N.J., Patel A., de Jong E.M.G.J., B. Van Ginneken, Seyger M.M.B. (2021).Image-based automated PASI scoring by Convolutional Neural Networks.  
**Publicație:**Journal of the European Academy of Dermatology and Venereology.  
<http://dx.doi.org/10.1111/jdv.17711>
8. **Lucrare citată:**Banu S., Toacșe G., **Danciu G. M.** (2014). Objective erythema assessment of Psoriasis lesions for Psoriasis Area and Severity Index (PASI) evaluation. **2.666**  
**Citat de:** Balestrieri E., Lamonaca F., Lembo S., Miele G., Cusano F., De Cristofaro G.A. (2019). Automatic psoriasis assessment methods: current scenario and perspectives from a metrologic point of view.  
**Publicație:**IEEE International Symposium on Medical Measurements and Applications (MeMeA).  
<https://ieeexplore.ieee.org/document/8802159>
9. **Lucrare citată:** Moga H., Sandu F., **Danciu G. M.**, Boboc R., Constantinescu I. (2013). Extended control-value emotional agent based on fuzzy logic approach. **1.6**  
**Citat de:** Kossack P., Unger H. (2024).Emotion-AwareChatbots: Understanding, Reacting and Adapting to Human Emotions in Text Conversations.  
**Publicație:**Advances in Real-Time and AutonomousSystems.  
[https://link.springer.com/chapter/10.1007/978-3-031-61418-7\\_8](https://link.springer.com/chapter/10.1007/978-3-031-61418-7_8)

10. **Lucrare citată:** Pârvan I.C., **Danciu G. M.**, Bălan T. (2021). Noise pollution monitoring using mobile crowdsensing and SAP analytics. **2.666**  
**Citat de:** Ariss M., Wang A., Ratti C., et al. (2024). Drive-by Environmental Sensing Strategy to Reach Optimal and Continuous Spatio-Temporal Coverage Using Local Transit Network.  
**Publicație:** Sage Journals: Transportation Research Record: Journal of the Transportation Research Board.  
<https://journals.sagepub.com/doi/10.1177/03611981241247051>
11. **Lucrare citată:** Dinu A., **Danciu G. M.**, Gheorghe Ș. (2021). Levelup in verification: learning from functional snapshots. **2.666**  
**Citat de:** Wu N., Li Y., Yang H., et al. (2024). Survey of Machine Learning for Software-assisted Hardware Design Verification: Past, Present, and Prospect.  
**Publicație:** ACM Transactions on Design Automation of Electronic Systems.  
<https://dl.acm.org/doi/10.1145/3661308>
12. **Lucrare citată:** Dinu A., **Danciu G. M.**, Ogruțan P.L. (2022). Cost-Efficient Approaches for Fulfillment of Functional Coverage during Verification of Digital Designs. **2.666**  
**Citat de:** Porras A. F., Alvarado E. R. (2024). Seed Selector: A Tree Evaluation Mechanism to SpeedUp Functional Coverage Collection in Hardware Verification Environments.  
**Publicație:** Future of Information and Communication Conference.  
[https://link.springer.com/chapter/10.1007/978-3-031-53960-2\\_22](https://link.springer.com/chapter/10.1007/978-3-031-53960-2_22)
13. **Lucrare citată:** Dinu A., **Danciu G. M.**, Ogruțan P.L. (2022). Cost-Efficient Approaches for Fulfillment of Functional Coverage during Verification of Digital Designs. **2.666**  
**Citat de:** Krishna N. V., Chaudhary A., Soumya J. (2024). FGG: Feedback Guided Generation to Accelerate Functional Coverage Closure on Network-on-Chip Processors.  
**Publicație:** IEEE International Conference on VLSI Design.  
<https://ieeexplore.ieee.org/document/10483462>
14. **Lucrare citată:** Dinu A., **Danciu G. M.**, Ogruțan P.L. (2022). Cost-Efficient Approaches for Fulfillment of Functional Coverage during Verification of Digital Designs. **2.666**  
**Citat de:** Dinu A. (2024). Genetic Algorithms: The Powerful Driver of the Functional Verification Process.  
**Publicație:** Smart Mobile Communication & Artificial Intelligence.  
[https://link.springer.com/chapter/10.1007/978-3-031-54327-2\\_39](https://link.springer.com/chapter/10.1007/978-3-031-54327-2_39)
15. **Lucrare citată:** **Danciu G. M.**, Banu S., Căliman A. (2012). Shadow removal in depth images morphology-based for Kinect cameras. **2.666**  
**Citat de:** Aggarwal A., Stolkin R., Marturi N. (2024). Unsupervised learning-based approach for detecting 3D edges in depth maps.  
**Publicație:** Nature: scientific reports.  
<https://www.nature.com/articles/s41598-023-50899-3>

16. **Lucrare citată:**Danciu G. M., Dinu A. (2022).Coverage Fulfillment Automation in Hardware Functional Verification Using Genetic Algorithms. **4**  
**Citat de:**Zaji A., Liu Z., Xiao G., et al. AutoOLA: Automatic object level augmentation for wheat spikes counting.  
**Publicație:**Elsevier, Computers and Electronics in Agriculture.  
<https://www.sciencedirect.com/science/article/pii/S016816992300011X>
17. **Lucrare citată:**Danciu G. M., Dinu A. (2022).Coverage Fulfillment Automation in Hardware Functional Verification Using Genetic Algorithms. **4**  
**Citat de:** Dinu A., Ogrușan P. L. (2022). Reinforcement Learning Made Affordable for Hardware Verification Engineers.  
**Publicație:**MDPI: Micromachines.  
<https://www.mdpi.com/2072-666X/13/11/1887>
18. **Lucrare citată:**Zaharia T., Danciu G. M., Ilie I., Nicolae I. E., Nechifor S. C. (2023). A simplified Approach for Accurate Arrhythmia Detection using Automated Machine Learning. **1.6**  
**Citat de:** Borhan H. A. B., Latif I. A. (2023). ECG Signal Classification Using Long Short-TermMemory Neural Networks.  
**Publicație:**International Conference on Engineering Technology and Technopreneuship (ICE2T).  
<https://ieeexplore.ieee.org/abstract/document/10540552>
19. **Lucrare citată:** Moga H., Sandu F., Danciu G. M., Boboc R., Constantinescu I. **1.6**  
(2013). Extended control-value emotional agent based on fuzzy logic approach. Roedunet International Conference (RoEduNet). ISSN:20681038 ISBN:978-1-4673-6116-3.  
**Citat de:** Pamela Cordova et al.,Embracing the hybrid experience: Uncovering the emotional effects of synchronous hybrid education on undergraduate university students (2024)  
**Publicație:** Journal of Infrastructure Policy and Development  
<https://systems.enpress-publisher.com/index.php/jipd/article/view/8181>
20. **Lucrare citată:** Pârvan I.C., Danciu G. M., Bălan T. (2021).Noise pollution monitoring using mobile crowd sensing and SAP analytics. **2.666**  
**Citat de:** Guisong Yang et al. (2024). Revisiting Path Planning Problem Towards Participant Executing Time Optimization in Mobile CrowdSensing.  
**Publicație:**IEEE Transactions on Network Science and Engineering - 2023.  
<https://ieeexplore.ieee.org/document/10004640>
21. **Lucrare citată:** Moga H., Sandu F., Danciu G. M., Boboc R., Constantinescu I. **1.6**  
(2013). Extended control-value emotional agent based on fuzzy logic approach. Roedunet International Conference (RoEduNet). ISSN:20681038 ISBN:978-1-4673-6116-3.  
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**Publicație:** Communications in Computer and Information Science Advances in Computing  
<https://ouci.dntb.gov.ua/en/works/4b3zN6vl/>



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23. **Lucrare citată:**Danciu G. M., Banu S., Căliman A. (2012). Shadow removal in depth images morphology-based for Kinect cameras. **2.666**  
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**Publicație:**AppliedOptics  
<https://opg.optica.org/ao/abstract.cfm?uri=ao-61-9-2219>
24. **Lucrare citată:**Danciu G. M., Banu S., Căliman A. (2012). Shadow removal in depth images morphology-based for Kinect cameras. **2.666**  
**Citat de:**Jun-Hyeon, Kim I, and Jong-Ho Nam(2021). Recognition of Manual Welding Positions from Depth Hole Image Remotely Sensed by RGB-D Camera  
**Publicație:**AppliedSciences  
<https://www.mdpi.com/2076-3417/11/21/10463>
25. **Lucrare citată:**Danciu G. M., Banu S., Căliman A. (2012). Shadow removal in depth images morphology-based for Kinect cameras. **2.666**  
**Citat de:**Florian Speiss et al.(2021). People Detection with Depth Silhouettes and Convolutional Neural Networks on a Mobile Robot  
**Publicație:**Journal of Image and Graphics  
<https://www.ioig.net/uploadfile/2021/1124/20211124052740953.pdf>

### 3.2 Membru in colectivele de redacție sau comitete științifice ale revistelor indexate ISI

1.Sensors Journal (2023 – 2024) <https://www.mdpi.com/journal/sensors> **10**

**TOTAL** **69.72**  
( Min. 50)

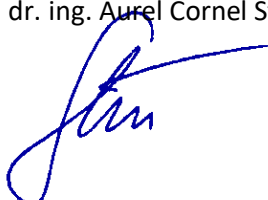
| Criteriaul                                | Punctaj de realizat conform OMENCS 6129/2016 Anexa 15 – Comisia Calculatoare, tehnologia informației și ingineria sistemelor | Punctaj obținut |
|---|--|-----------------|
| A1. Activitatea didactică și profesională | 50   | 86.63           |
| A2. Activitatea de cercetare              | 300  | 427.94          |
| A3. Recunoașterea și impactul activității | 50   | 69.72           |
| <b>TOTAL</b>                              | <b>400</b>   | <b>584.29</b>   |

Data: 18/12/2024

**Avizat,**

**Candidat: Director Departamentul Electronică și Calculatoare**

Șef Lucr. dr. ing. Gabriel-Mihail Danciu    Șef Lucr. dr. ing. Aurel Cornel Stanca



Rezoluția comisiei științifice:

Standardele sunt îndeplinite:

Semnătura:

Prof. dr. ing. Constantin Suciu

Da

Nu

\_\_\_\_\_

Prof. dr. ing. Ioan Șerban

Da

Nu

\_\_\_\_\_

Prof. dr. ing. Daniel Tudor Cotfas

Da

Nu

\_\_\_\_\_