

## LISTĂ DE LUCRĂRI ȘTIINȚIFICE – Ș.L. Dr. Ing. Iuliana MARIN

### Lista completă de lucrări:

#### I. TEZĂ DE DOCTORAT

“Digitalizarea în asistența medicală și calitatea vieții / Digitalization in Healthcare and Quality of Living”, Universitatea POLITEHNICA din București, domeniul Calculatoare și tehnologia informației, cu distincția Summa Cum Laude, 2021.

#### II. CĂRȚI PUBLICATE (C)

**Cb1. Iuliana Marin**, Arthur-Jozsef Molnar, Evaluation of Indoor Localisation and Heart Rate Evolution, Computational Science and Its Applications – ICCSA 2021, *Springer Lecture Notes in Computer Science (LNCS)*, vol. 12953, pp. 75-89, DOI: [https://doi.org/10.1007/978-3-030-86976-2\\_6](https://doi.org/10.1007/978-3-030-86976-2_6), ISBN 978-3-030-86975-5, WOS: 0007283642000 06, 2021.

**Cb2. Iuliana Marin**, Andrei Vasilateanu, Arthur-Jozsef Molnar, Maria Bocicor, David Cuesta-Frau, Antonio Molina-Picó, Nicolae Goga, i-Light—Intelligent Luminaire Based Platform for Home Monitoring and Assisted Living, *Sensing and Signal Processing in Smart Healthcare*, MDPI, pp. 151-174, DOI: <https://doi.org/10.3390/books978-3-0365-0027-0>, ISBN 978-3-0365-0026-3 (Hbk), ISBN 978-3-0365-0027-0 (PDF), 2021.

**Cb3. Iuliana Marin**, Maria-Iuliana Bocicor, Arthur-Jozsef Molnar, Cyber-Physical Platform for Preeclampsia Detection, Computational Science and Its Applications, Lecture Notes in Computer Science, *Springer International Publishing*, vol. 12253, pp. 617-625, DOI: [10.1007/978-3-030-58814-4\\_48](https://doi.org/10.1007/978-3-030-58814-4_48), ISBN 978-3-030-58813-7, 2020.

**Cb4. Iuliana Marin**, Maria-Iuliana Bocicor, Arthur-Jozsef Molnar, Indoor Localization Techniques Within a Home Monitoring Platform, Evaluation of Novel Approaches to Software Engineering, *Springer International Publishing*, pp. 378-401, DOI: [10.1007/978-3-030-40223-5\\_19](https://doi.org/10.1007/978-3-030-40223-5_19), ISBN 978-3-030-40223-5, WOS:000680689100019, 2020.

**Cb5.** Maria-Iuliana Dascalu, George Drăgoi, Alexandru Dan Mitrea, Iulia-Cristina Stănică, **Iuliana Marin**, Apprenez à Programmer en Java - Guide de Travaux Pratiques, *Editura Politehnica Press*, ISBN 978-606-515-890-0, 2019.

**Cb6.** Maria-Iuliana Dascalu, **Iuliana Marin**, Semantic Web: Theory and Applications, *Printech Publishing*, CNCSIS: 54, ISBN 978-606-23-0705-9, 2017.

### III. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R, V)

**Ris** – Reviste de specialitate de circulație internațională recunoscute (cotate / indexate ISI Thomson Reuters, sau indexate în alte Baze de Date Internaționale - BDI specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță)

**Ris1.** Cristina Șurlea, Georgeta Diniță, Marius Maftעי, **Iuliana Marin**, Carmen Georgeta Nicolae, Study on the Viability of the Young in the Species *Apis Mellifera* according to the Secretary Capacity of Royal Jelly, *Scientific Papers. Series D.*, vol. 65, no. 2, pp. 274-278, 2022, ISSN 2285-5750.

**Ris2.** Myssar Jabbar Hammood Al-Battbooti, Nicolae Goga, **Iuliana Marin**, Detection and Analysis of Oil Spill using Image Processing, *International Journal of Advanced Computer Science and Applications (IJACSA)*, vol. 13, no. 4, pp. 381-387, 2022, ISSN 2158-107X, WOS:000798559000001.

**Ris3.** **Iuliana Marin**, Dorina Popovici, Foteini Grivokostopoulou, Constantinos Koutsojannis, New Digital Skills Training Approach to Enhance Life Quality / Nova Abordagem de Treinamento de Habilidades Digitais Para Melhorar a Qualidade de Vida, *Brazilian Journal of Development*, vol. 8, no. 4, pp. 23759-23766, 2022.

**Ris4.** Ionuț Alexandru Anin, Elena Narcisa Pogurschi, **Iuliana Marin**, Dana Popa, Livia Vidu, Carmen Georgeta Nicolae, The Influence of the Density of Juvenile Carp Raised in Floating Cages on the Conversion Efficiency of Feed, *Scientific Papers. Series D.*, vol. 64, no. 1, pp. 503-508, Bucharest, Romania, 2021, ISSN 2285-5750, WOS:000686570700070.

**Ris5.** **Iuliana Marin**, Monica-Paula Marin, Carmen Nicolae, Georgeta Dinita, Ioan Custura, Minodora Tudorache, Farm Supply Chain Management Improvement through the use of Lean, Agile and DevOps Methodologies, *Scientific Papers. Series D.*, vol. 63, no. 2, pp. 325-328, Bucharest, Romania, 4-6 June 2020, ISSN 2285-5750, WOS:000594991500049.

**Ris6.** Robert Mihai, Gheorghe Emil Mărginean, Monica Paula Marin, Ayman Abdel Mohsen Hassan, **Iuliana Marin**, Gina Fintineru, Livia Vidu, Impact of Precision Livestock Farming on Welfare and Milk Production in Montbeliarde Dairy Cows, *Scientific Papers. Series D.*, vol. 63, no. 2, pp. 304-309, Bucharest, Romania, 4-6 June 2020, ISSN 2285-5750, WOS:000594991500045.

**Ris7.** Hasan Naji, **Iuliana Marin**, Nicolae Goga, Cristian Taslitschi, Novel Design and Implementation of a Vehicle Controlling and Tracking System, *International Journal of Advanced Computer Science and Applications (IJACSA)*, vol. 11, no. 7, pp. 427-433, 2020, WOS:000568850200057.

**Ris8.** Monica Paula Marin, Elena Narcisa Pogurschi, **Iuliana Marin**, Carmen Georgeta Nicolae, Influence of Natural Zeolites Supplemented with Inorganic Selenium on the Productive Performance of Dairy Cows, *Pakistan Journal of Zoology*, vol. 52, no. 2, pp. 775-783, April 2020, DOI: 10.17582/journal.pjz/20190829190816, WOS: 000514817800041.

**Ris9.** **Iuliana Marin**, Irina Stanciu, Andrei Vasilateanu, Nicolae Goga, Alexandru Mitrea, Iulia Ilie, Non-Invasive Glucose Level Monitoring During Pregnancy and Prenatal Diagnosis, *International Journal of Advances in Science Engineering and Technology*, ISSN(p): 2321 – 8991, ISSN(e): 2321 – 9009, vol. 7, no. 4, October 2019.

**Ris10. Iuliana Marin**, Nicolae Goga, Nutrition Consultant based on Machine Learning for Preeclampsia Complications, *Scientific Papers. Series D.*, vol. 62, no. 2, pp. 82-87, Bucharest, Romania, 6-8 June 2019, ISSN 2285-5750, WOS:000509121700013.

**Ris11. Iuliana Marin**, Nicolae Goga, Razvan-Constantin Stanciu, Web application for self-diagnosis and drug recommendation based on user symptoms, *Journal of Advances in Technology and Engineering Research*, vol. 5, no. 2, pp. 62-71, April 2019.

**Ris12. Iuliana Marin**, Andrei Vasilateanu, Arthur-Jozsef Molnar, Maria Bocicor, David Cuesta-Frau, Antonio Molina-Picó, Nicolae Goga, i-Light—Intelligent Luminaire Based Platform for Home Monitoring and Assisted Living, *Electronics Journal*, vol. 7, no. 10, September 2018, WOS:000448544900012.

**Ris13. Iuliana Marin**, Nicolae Goga, Andrei Vasilateanu, Ionel-Bujorel Pavaloiu, Automatic Recognition of Dental Pathologies as Part of a Clinical Decision Support Platform, *Rev. Roum. Sci. Techn.– Électrotechn. et Énerg.*, Bucarest, vol. 62(4), pg. 436-441, 2017 (**Thomson Reuters, impact factor 1.036**), WOS:000423499900017.

**Ris14.** Monica Marin, Dumitru Dragotoiu, Carmen Nicolae, Georgeta Dinita, **Iuliana Marin**, The Metabolic Utilization of Iron and Copper in the Young Swine Organism, *Scientific Papers. Series D. Animal Science. Vol. LVI*, ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN-L 2285-5750, pp. 67-72, 2013, WOS:000416371300010.

**Rno** – Alte reviste de specialitate de circulație națională

**Rno1. Iuliana Marin**, Interacționez cu mediul înconjurător, deci trăiesc, *IT Trends*, aprilie 2017 (<https://ittrends.ro/2017/04/interactiunez-cu-mediul-inconjurator-deci-traiesc/>).

**Rno2. Iuliana Marin**, Roboții își fac simțită prezența treptat în viața noastră, *IT Trends*, august 2017 (<https://ittrends.ro/2017/08/robotii-isi-fac-simtita-prezenta-treptat-in-viata-noastra/>).

**Rno3. Iuliana Marin**, Organe noi pentru a duce un alt stil de viață, *IT Trends*, ianuarie 2016 (<https://ittrends.ro/2016/02/organe-noi-pentru-a-duce-un-alt-stil-de-viata/>).

**Rno4. Iuliana Marin**, Să se creeze ferestre acolo unde sunt pereți, *IT Trends*, februarie 2016, (<https://ittrends.ro/2016/02/sa-se-creeze-ferestre-acolo-unde-sunt-pereti/>)

**Rno5. Iuliana Marin**, Gestionarea inteligentă a fermei, *IT Trends*, iunie 2016 (<https://ittrends.ro/2016/07/gestionarea-inteligenta-a-fermei/>).

**Rno6. Iuliana Marin**, Un zâmbet nou, *IT Trends*, noiembrie 2016 (<https://ittrends.ro/2016/11/un-zambet-nou/>).

**Rno7. Iuliana Marin**, O noua față a medicinei aplicate, articol revistă, *IT Trends*, iunie 2015 (<https://ittrends.ro/2015/06/o-noua-fata-a-medicinei-aplicate/>).

**Rno8. Iuliana Marin**, Ce mostenire genetica posed? Pot fi inferate urmarile acesteia? *IT Trends*, septembrie 2015 (<https://ittrends.ro/2015/09/ce-mostenire-genetica-posed-pot-fi-inferate-urmarile-acesteia/>).

**Vis** - Volumele unor manifestări științifice internaționale recunoscute, organizate în țară și străinătate, indexate ISI Thomson Reuters sau indexate BDI.

**Vis1.** Maria-Iuliana Dascălu, **Iuliana Marin**, Iosif Nemoianu, Imola-Flora Puskás, Alexandru Hang, An Ontology for Educational and Career Profiling based on the Romanian Occupation Classification Framework: Description and Scenarios of Utilisation, *15th International Conference of Education, Research and Innovation (ICERI2022)*, Seville, Spain, 7-9 Noiembrie 2022.

**Vis2. Iuliana Marin**, Dorina Popovici, Healthcare Curriculum Priorities to Enhance Digital Skills During the COVID-19 Pandemic, *14th annual International Conference on Education and New Learning Technologies (EDULEARN2022)*, Palma de Mallorca, Spain, 4-6 Iulie 2022.

**Vis3. Iuliana Marin**, Dorina Popovici, Teachers-Students-Parents Digital Portal Need Analysis Designed for Abroad Studies, *14th annual International Conference on Education and New Learning Technologies (EDULEARN2022)*, Palma de Mallorca, Spain, 4-6 Iulie 2022.

**Vis4. Iuliana Marin**, A Neuroscience Approach regarding Student Engagement in the Classes of Microcontrollers during the COVID19 Pandemic, *14th annual International Conference of Education, Research and Innovation (ICERI2021)*, 8-9 November 2021.

**Vis5.** Myssar Jabbar Hammood Al-Battbootti, **Iuliana Marin**, Nicolae Goga, Ramona Popa, Oil and Gas Pipeline Monitoring during COVID-19 Pandemic via Unmanned Aerial Vehicle, *14th annual International Conference of Education, Research and Innovation (ICERI2021)*, 8-9 November 2021.

**Vis6. Iuliana Marin**, Dorina Popovici, Foteini Grivokostopoulou, Constantinos Koutsojannis, A Life Quality Architectural Approach to Enhance Digital Skills Training, *Proceedings of the 1st Life Improvement in Quality by Ubiquitous Experiences Workshop (LIQUE 2021)*, New York City (virtual), USA, June 21, 2021.

**Vis7.** Răzvan Sfat, **Iuliana Marin**, Nicolae Goga, Ramona Popa, Ion Cristian Dârlă, Constantin Viorel Marian, Conceptualization of an Intelligent HL7 Application based on Questionnaire Generation and Editing, *IEEE International Black Sea Conference on Communications and Networking*, May 24-28, 2021.

**Vis8.** Hasan Naji, Nicolae Goga, Ammar Karkar, Iuliana Marin, Haider Abdullah Ali, Internet of Things and Health Care in Pandemic COVID-19: System Requirements Evaluation, *7<sup>th</sup> International Engineering Conference (IEC-2021)*, Erbil, Kurdistan Region-Iraq, February 24-25, 2021.

**Vis9. Iuliana Marin**, Study of Mental Health and Learning Engagement during COVID-19 Pandemic based on an Electroencephalogram Headset, *13th annual International Conference of Education, Research and Innovation (ICERI2020)*, 9-10 November 2020.

**Vis10. Iuliana Marin**, Student Reactions to COVID-19 Pandemic News based on an Electroencephalogram Headset, *13th annual International Conference of Education, Research and Innovation (ICERI2020)*, 9-10 November 2020.

**Vis11. Iuliana Marin**, Maria Iuliana Bocicor, Arthur-Jozsef Molnar, Cyber-Physical Platform for Preeclampsia Detection, *20th International Conference on Computational Science and its Applications (ICCSA)*, Springer Lecture Notes in Computer Science (LNCS), July 2020, WOS:000719714800048.

**Vis12. Iuliana Marin**, Myssar Jabbar Hammood Al-Battbootti, Nicolae Goga, Drone Control based on Mental Commands and Facial Expressions, *12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)*, 25-27 June, 2020, ISSN 2378-7147, WOS:000627393500119.

**Vis13. Iuliana Marin**, Ioana-Andreea Dinescu, Teodora-Coralia Deleanu, Lujain Alshikh Sulaiman, Sarmad Monadel Sabree Al-Gayar, Nicolae Goga, Brain Performance Analysis based on an Electroencephalogram Headset, *12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)*, 25-27 June 2020, ISSN 2378-7147, WOS:000627393500105.

**Vis14.** Sarmad Monadel Sabree Al-Gayar, **Iuliana Marin**, Mohammed Almalchy, Nicolae Goga, Naseer Al-Habeeb, Cristian Taslitschi, Implementation of MediCare Social Media System, *12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)*, 25-27 June 2020, ISSN 2378-7147, WOS:000627393500128.

**Vis15.** **Iuliana Marin**, Maria Iuliana Bocicor, Arthur-Jozsef Molnar, Intelligent Luminaire based Real-time Indoor Positioning for Assisted Living, *15th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2020)*, vol. 1, pp. 548-555, 5-6 May 2020, ISBN 978-989-758-421-3, DOI: 10.5220/0009578705480555.

**Vis16.** **Iuliana Marin**, Nicolae Goga, Preeclampsia and Secondary Illnesses Recognition based on Layered Weighted Networks, *Proceedings of the 16th International Scientific Conference "eLearning and Software for Education"*, vol. 2, pp. 398-412, Bucharest, Romania, 23-24 April 2020.

**Vis17.** Monica-Paula Marin, **Iuliana Marin**, Georgeta Dinita, Learning Analytics Tool for Studying the Productivity of Dairy Farms, *14th International Technology, Education and Development Conference (INTED2020)*, Valencia, Spain, 2-4 April 2020, WOS:000558088800005.

**Vis18.** **Iuliana Marin**, Bujorel-Ionel Pavaloiu, Constantin-Viorel Marian, Vlad Racovita, Nicolae Goga, Early Detection of Preeclampsia based on a Machine Learning Approach, *IEEE International Conference on e-Health and Bioengineering - EHB 2019*, Iasi, Romania, 21-23 November 2019, WOS:000558648300155.

**Vis19.** **Iuliana Marin**, Nicolae Goga, Andrei Vasilateanu, Alexandru Gradinaru, Vlad Racovita, Smart Solution for the Detection of Preeclampsia, *IEEE International Conference on e-Health and Bioengineering - EHB 2019*, Iasi, Romania, 21-23 November 2019, WOS:000558648300080.

**Vis20.** **Iuliana Marin**, Hanoosh Amel, Future Evolution of Stock Markets based on Data Mining, *34th International Business Information Management Association Conference (IBIMA)*, Madrid, Spain, 13-14 November 2019, WOS:000556337409002.

**Vis21.** **Iuliana Marin**, Learning Analytics Tool for Studying the Conditions in Romanian Maternity Hospitals, *12th annual International Conference of Education, Research and Innovation (ICERI)*, Seville, Spain, 11-13 November 2019, WOS:000530212401001.

**Vis22.** **Iuliana Marin**, Amel Hanoosh, 3D Audio Online Instructor for Teaching Breathing Control Techniques during Pregnancy, *12th annual International Conference of Education, Research and Innovation (ICERI)*, Seville, Spain, 11-13 November 2019, WOS:000530212400135.

**Vis23.** Amel Hanoosh, **Iuliana Marin**, 3D Online Nurse for Managing Pregnancies, *12th annual International Conference of Education, Research and Innovation (ICERI)*, Seville, Spain, 11-13 November 2019, WOS:000530212401012.

**Vis24.** **Iuliana Marin**, Nicolae Goga, Razvan-Constantin Stanciu, Web application for self-diagnosis and drug recommendation based on user symptoms, *IAET International Conference on Bioinformatics, Industrial Engineering, Computer Software, Applied Sciences & Aviation Technology*, Amsterdam, Netherlands, 28-29 September 2019.

**Vis25.** **Iuliana Marin**, Nicolae Goga, Hypertension Detection based on Machine Learning, *6th European Conference on the Engineering of Computer Based Systems*, Bucharest, Romania, 2-3 September 2019, WOS:000525376600023.

**Vis26.** **Iuliana Marin**, Irina Stanciu, Andrei Vasilateanu, Nicolae Goga, Alexandru Mitrea, Iulia Ilie, Non-Invasive Glucose Level Monitoring During Pregnancy and Prenatal Diagnosis,

*ISER - International Conference on Science, Technology, Engineering and Management (ICSTEM)*, Crete, Greece, 8-9 August 2019.

**Vis27. Iuliana Marin**, Nicolae Goga, Preeclampsia Counselling via Chatbot for Pregnant Women, *International Conference on Education and New Learning Technologies*, Palma de Mallorca, Spain, 1-3 July 2019, WOS:000551093104077.

**Vis28. Iuliana Marin**, Nicolae Goga, Learning about the Development of Preeclampsia within Virtual Communities, *International Conference on Education and New Learning Technologies*, Palma de Mallorca, Spain, 1-3 July 2019, WOS:000551093104052.

**Vis29. Iuliana Marin**, Maria Iuliana Bocicor, Arthur-Jozsef Molnar, Indoor Localisation with Intelligent Luminaires for Home Monitoring, *14th International Conference on Evaluation of Novel Approaches to Software Engineering*, Heraklion, Crete, Greece, 4-5 May 2019, WOS:000570412000050.

**Vis30. Iuliana Marin**, Nicolae Goga, Virgil Tudose, Anton Hadar, Irina Stanciu, Adaptive Resolution Molecular Dynamics Simulation with Constant in H, *International Conference on Automation, Computational and Technology Management (ICACTM - 2019)*, London, United Kingdom, 24-26 April 2019.

**Vis31. Iuliana Marin**, Nicolae Goga, Treatment assignment based on automatic learning for the pregnant women suffering from preeclampsia, *15th International Scientific Conference eLearning and Software for Education*, pp. 501-506, Bucharest, Romania, 11-12 April 2019, DOI: 10.12753/2066-026X-19-066, WOS:000473322400066.

**Vis32. Monica-Paula Marin, Iuliana Marin, Livia Vidu**, Learning about the reduction of food waste using Blockchain technology, *13th annual International Technology, Education and Development Conference*, Valencia, Spain, 11-13 March 2019, WOS:000536018103058.

**Vis33. Iuliana Marin**, Nicolae Goga, Learning analytics software for medical students regarding pregnancy complications, *13th annual International Technology, Education and Development Conference*, Valencia, Spain, 11-13 March 2019, WOS:000536018103069.

**Vis34. Iuliana Marin**, Nicolae Goga, Andrei Doncescu, Sentiment Analysis Electronic Healthcare System Based on Heart Rate Monitoring Smart Bracelet, *11th IEEE International Conference on Service Oriented Computing and Applications (SOCA)*, Paris, France, 20-22 November 2018, DOI: 10.1109/SOCA.2018.00022, WOS:000459210000014.

**Vis35. Iuliana Marin**, Nicolae Goga, Electronic Healthcare System based on HL7 and Natural Language Processing, *32nd International Business Information Management Association Conference (IBIMA)*, pp. 7446-7453, Seville, Spain, 15-16 November 2018, WOS:000508553208043.

**Vis36. Iuliana Marin**, Nicolae Goga, Automatic Diet Suggestion Based on the Relationship Between Illnesses, Physical Activities, Dietary Products and the Presence of Preeclampsia for Pregnant Women, *32nd International Business Information Management Association Conference (IBIMA)*, pp. 7319-7329, Seville, Spain, 15-16 November 2018, WOS:000508553208030.

**Vis37. Ionel Bujorel Pavaloiu, Ana Maria Neagu, Cristian Mustata, Maria Iuliana Dascalu, George Dragoi, Iuliana Marin, Alexandru Dan Mitrea, Liviu Mihail Mateescu**, Data and Signal Processing for Business, *11th annual International Conference of Education, Research and Innovation (ICERI)*, Seville, Spain, 12-14 November 2018, WOS:000568991701065.

**Vis38. Iuliana Marin**, Nicolae Goga, Healthcare Collaborative e-Learning Platform for Treating Blood Pressure Diseases, *11th annual International Conference of Education,*

*Research and Innovation (ICERI)*, Seville, Spain, 12-14 November 2018, WOS:000568991703150.

**Vis39.** Monica Marin, Elena Pogurschi, Livia Vidu, **Iuliana Marin**, Innovative Workplace Learning at Dairy Cow Farms to Enhance Milk Productivity Based on Natural Zeolites, *11th annual International Conference of Education, Research and Innovation (ICERI)*, Seville, Spain, 12-14 November 2018, WOS:000568991703152.

**Vis40.** **Iuliana Marin**, Nicolae Goga, Healthcare System Based on the Smart Monitoring Bracelets and Sentiment Analysis, *International Symposium on Fundamentals of Electrical Engineering*, Bucharest, 1-3 November 2018, WOS:000480396400022.

**Vis41.** **Iuliana Marin**, Zainab Abbas Jabber, Wireless Sensors Network based on Real-time Healthcare Monitoring, *International Symposium on Fundamentals of Electrical Engineering*, Bucharest, 1-3 November 2018, WOS:000480396400024.

**Vis42.** **Iuliana Marin**, Nicolae Goga, Securing the Network for a Smart Bracelet System, *22nd International Conference on System Theory, Control and Computing (ICSTCC)*, Sinaia, October 2018, WOS:000465109800042.

**Vis43.** Maria Iuliana Bocicor, Arthur-Jozsef Molnar, **Iuliana Marin**, Nicolae Goga, Raul Valor Perez, David Cuesta Frau, Intelligent Decision Support for Pervasive Home Monitoring and Assisted Living, *14th International Conference on Intelligent Computer Communication and Processing (ICCP)*, Cluj-Napoca, 6-8 September 2018, pp. 129-136, WOS:000517560800016.

**Vis44.** **Iuliana Marin**, Nicolae Goga, Andrei Vasileanu, A Novel Indoor Positioning using Smart Luminaires, *9th International Conference on Information Intelligence Systems Applications (IISA)*, Zakynthos, Greece, July 2018, WOS:000589872400088.

**Vis45.** **Iuliana Marin**, Nicolae Goga, Andrei Doncescu, Pig Welfare through Behavior Learning from Camera Recordings, *The International Conference of the University of Agronomic Sciences and Veterinary Medicine of Bucharest "Agriculture for Life, Life for Agriculture"*, Bucharest, June 2018, WOS:000448065500044.

**Vis46.** **Iuliana Marin**, Nicolae Goga, Andrei Doncescu, Security of an electronic healthcare system which facilitates the detection of preeclampsia through a smart bracelet, *6th International Workshop on Systems Safety & Security (IWSSS)*, Iasi, June 2018, WOS:000467734100157.

**Vis47.** **Iuliana Marin**, Nicolae Goga, Bujor Pavaloiu, Ionut Draghici, Nitu Melania, Ambient Assisted Control using Smart Luminaires, *Zooming Innovation in Consumer Electronics International Conference*, pp. 123-127, Novi Sad, Serbia, May 2018, WOS:000493073200030.

**Vis48.** **Iuliana Marin**, Nicolae Goga, Model Checking the Properties of an Electronic Healthcare System to Facilitate the Detection of Preeclampsia through a Smart Bracelet, *eLearning & Software for Education (ELSE)*, vol. 2, pp. 209-216, April 2018, DOI 10.12753/2066-026X-18-099, WOS:000467466800028.

**Vis49.** **Iuliana Marin**, Andrei Vasileanu, Bujor Pavaloiu, Nicolae Goga, User Requirements and Analysis of Preeclampsia Detection done through a Smart Bracelet, *the 12th annual International Technology, Education and Development Conference (INTED2018)*, Valencia, Spain, pp. 8567-8576, ISBN 978-84-697-9480-7, DOI 10.21125/inted.2018.2080, 2018, WOS:000448704003081.

**Vis50.** Andrei Vasileanu, **Iuliana Marin**, Ionel-Bujorel Pavaloiu, Programmers' Professional Development Monitoring System, *the 12th annual International Technology,*

*Education and Development Conference (INTED2018)*, Valencia, Spain, DOI 10.21125/inted.2018.2225, 2018, WOS:000448704004022.

**Vis51.** Maria-Iuliana Dascalu, Constanta-Nicoleta Bodea, Melania Nitu, Gabriel Alecu, **Iuliana Marin**, Dan Alexandru Mitrea, Ana-Maria Neagu, Supporting Self-Regulated Learning via Technology Tools: a Case Study in an Engineering Degree Program in Romania, *the 11<sup>th</sup> annual International Technology, Education and Development Conference (INTED2017)*, Valencia, Spain, pg. 5054-5061, ISBN 978-84-617-8491-2, DOI 10.21125/inted.2017.1174, 2017 (**ISI CPCI – Web of Science**), WOS:000413668605020.

**Vis52. Iuliana Marin**, Naseer Abdulkarim Jaber Al-Habeeb, Nicolae Goga, Andrei Vasilateanu, Ionel-Bujorel Pavaloiu, Costin-Anton Boiangiu, Improved M-Government based on Mobile WiMAX, *the 21th International Conference on Control Systems and Computer Science*, 2017, DOI 10.1109/CSCS.2017.12. (**IEEE Xplore**, <http://ieeexplore.ieee.org/document/7968540/>), WOS:000449004400005.

**Vis53. Iuliana Marin**, Nicolae Goga, Andrei Vasilateanu, Ionel-Bujorel Pavaloiu, Integrated Platform for Extracting Dental Knowledge Imaging and 3D Modeling, *the 6th IEEE Conference on E-Health and Bioengineering - EHB 2017*, DOI 10.1109/EHB.2017.7995385. (**IEEE Xplore**, <http://ieeexplore.ieee.org/document/7995385/>), WOS:000445457500040.

**Vis54. Iuliana Marin**, Virgil Tudose, Anton Hadar, Nicolae Goga, Andrei Doncescu, Improved Adaptive Resolution Molecular Dynamics Simulation, *23rd International Conference on Engineering, Technology and Innovation*, Madeira, Portugal, pp. 173-176, 2017, WOS:000464318300026 (**ISI CPCI – Web of Science**).

**Vis55.** Ionel-Bujorel Pavaloiu, Andrei Vasilateanu, Nicolae Goga, **Iuliana Marin**, Andrei Ungar, Ion Patrascu, Teeth Labeling from CBCT Data using the Circular Hough Transform, *ISFEE 2016, International Symposium on Fundamentals of Electrical Engineering 2016*, ISBN 978-1-4673-9574-8, 2016 (**ISI**, <http://ieeexplore.ieee.org/document/7803179/>), WOS:000392434400031.

**Vis56. Iuliana Marin**, Nicolae Goga, Maria Goga, Benchmarking MD systems simulations on the Graphics Processing Unit and Multi-Core Systems, *2016 IEEE International Symposium on Systems Engineering*, Edinburgh, Scotland, pp. 91-95, DOI 10.1109/SysEng.2016.7753133, 2016 (**IEEE Xplore**, <http://ieeexplore.ieee.org/document/7753133/>), WOS:000391238500016.

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**Vis58.** Ionel-Bujorel Pavaloiu, Nicolae Goga, Andrei Vasilateanu, **Iuliana Marin**, 3D Reconstruction from CBCT Data used in Dentistry Learning, *International Conference of Education, Research and Innovation 2016*, ISBN 978-84-617-5895-1, DOI 10.21125/iceri.2016.2196, 2016 (**ISI Conference Proceedings Citation Index - Web of Science**, <https://library.iated.org/view/PAVALOIU20163DR>), WOS:000417330205010.

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**Vis68.** Ionel-Bujorel Pavaloiu, Andrei Vasilateanu, Nicolae Goga, **Iuliana Marin**, Cătălin Ilie, Andrei Ungar, Ion Pătrascu, 3D Dental Reconstruction from CBCT Data, *Proceedings of the International Symposium on Fundamentals of Electrical Engineering 2014, November 28-29, 2014, Bucharest, Romania*, Cat. No.:CFP1493Y-ART, ISBN: 978-1-4799-6821-3, DOI 10.1109/ISFEE.2014.7050617, WOS:000380570500085 (**ISI**)

**Vis69.** Monica Marin, Georgeta Dinita, Carmen Nicolae, **Iuliana Marin**, Metabolic usage of essential amino acids in the reproductive laying turkey organism, *Proceedings in Global Virtual Conference*, Slovakia, vol. 1, no. 1, ISBN: 978-80-554-0649-7, pp. 665-668, 2013 (**BDI – Google Scholar**)

#### IV. CONTRACTE ȘI RAPOARTE ȘTIINȚIFICE (P, F)

**P** – Proiecte de cercetare-dezvoltare-inovare obținute prin competiție, pe bază de contract/grant, în țară / străinătate

**Pi1.** "Using Big Data and semantic matching for a job recommendation engine", proiect cu terți nr. T 46.15.02.

**Pi2.** i-Light "A pervasive home monitoring system based on intelligent luminaires", proiect Eurostars nr. 9770.

**Pi3.** i-bracelet "Intelligent bracelet for blood pressure monitoring and detection of preeclampsia", proiect Eurostars nr. 10871.

**Pi4.** cINnAMON "A non-intrusive home surveillance system for assisting elderly persons with frailty risk", proiect Eureka nr. 13355.

**Pi5.** iRoute "Integrated analytical software platform for planning, optimizing and monitoring logistics vehicle fleets", proiect Eureka, contract UEFISCDI nr. 191 / 01.10.2020.

**Pn1.** SMARTCARE "Integrative platform for home care assistance solutions", contract UEFISCDI nr. 42PTE din 01/06/2020.

**Pn2.** SoV Lite "Natural, accessible and ergonomic audio-haptic sensory substitution for the visually impaired", contract UEFISCDI nr. 34PTE din 01/06/2020.

**Pn3.** PREVENT "Integrated platform for the prevention of hospital acquired infections", contract UEFISCDI nr. 24PTE din 01/06/2020.

**Pn4.** CareProfSys, "Smart Career Profiler based on a Semantic Data Fusion Framework", PN-III-P1-1.1-TE-2021-1446, 2022-2024.