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L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

Contribuții la dezvoltarea inovării în domeniul mecatronicii, pp. 1-272, 2014

B. Cărți si capitole în cărți publicate în ultimii 10 ani

C. Lucrări indexate ISI publicate în ultimii 10 ani

C1. **ELENA-LAURA TRIFAN**, ȘERBAN COSTIN, ELENA POENARU, CONSTANTIN-ANTON MICU - Innovation Approaches for Engineering-Medicine-Marketing Interdisciplinary Research Teams, The 4th IEEE International Conference on E-Health and Bioengineering - EHB 2013, Iași, Romania, November 21-23, 2013, ISBN 978-1-4799-2373-1, DOI: 10.1109/EHB.2013.6707308, WOS:000346672900076 **[ISI]**, indexat în ISI WEB OF KNOWLEDGE, **[Ris]**

C2. **LAURA TRIFAN** - Project Management for the Implementation of an Internet of Things Platform, Edulearn15, 7th International Conference on Education and New Learning Technologies, 4-8 Iulie 2015, Barcelona, Spania, ISBN 978-84-606-8243-1, pp. 6024-6030, WOS: 000376685706014 **[ISI]**, indexat în ISI WEB OF KNOWLEDGE, indexat IATED Digital Library, Google Scholars, **[Ris]**, **Punctaj: 25**

C3. **LAURA TRIFAN**, CRISTIAN MUSTAȚĂ - Inducing Entrepreneurial Behaviour by Business Management Simulation Games, Edulearn15, 7th International Conference on Education and New Learning Technologies, 4-8 Iulie 2015, Barcelona, Spania, ISBN 978-84-606-8243-1, pp. 6426-6433, WOS: 000376685706071 **[ISI]**, indexat în IATED Digital Library, Google Scholars, **[Ris]**, **Punctaj: 25/2=12,50**

C4. ALEXANDRU VASILE, **ELENA-LAURA TRIFAN**, CONSTANTIN BUCȘAN, CONSTANTIN-ANTON MICU - Electro-Magnetic Actuated Vibrating Platform, IEEE 19th International Symposium for Design and Technology in Electronic Packaging (SIITME) 24–27 Oct 2013, Galați, Romania, pp. 241-244, ISBN 978-1-4799-1555-2, WOS:000347562900042 **[ISI]**, indexat în ISI WEB OF KNOWLEDGE, **[Ris]**

C5 CRISTIAN MUSTAȚĂ, **ELENA-LAURA TRIFAN**, CĂTĂLIN HĂNȚULIE - Case study: using the TOPSIM General Management 2 business simulation software to develop the key entrepreneurship competences, Proceedings of The 12th International Scientific Conference eLearning and software for Education, Bucharest, April 21-22, ELSE 2016, Vol. 1, pp. 356-359, WOS: 000385395900050, **Punctaj: 25/3=8,33**, **[ISI]**, indexat în ISI WEB OF KNOWLEDGE

C6. CĂTĂLIN HĂNȚULIE, CRISTIAN MUSTAȚĂ, **ELENA-LAURA TRIFAN** - Case study: using the training firm concept to develop the business competencies of school students, Proceedings of The 12th International Scientific Conference eLearning and software for Education, Bucharest, April 21-22, ELSE

2016, Vol. 1, pp. 350-355, WOS:000385395900049, Punctaj: 25/3=8,33, [ISI], indexat în ISI WEB OF KNOWLEDGE

C7. *GUICĂ Raluca Ioana; DRAGOMIRESCU Cristian; TRIFAN Laura Elena; MICU Constantin Anton - A New Model Of A Hard Probe Used In Orthopedic Measurements, Revista Metalurgia International, vol XVIII, nr. 2 (2013), Editura Științifică F.M.R, ISSN 1582-2214, pp. 104-110, WOS: 000313469500022 [ISI], indexat în ISI WEB OF KNOWLEDGE, [Ris]*

C8. **Laura TRIFAN**, Constantin BUCȘAN, Constantin MICU - Entwicklung einer Schwingungsplatte für die Behandlung der Osteoporose, Buletinul Științific al UPB, Seria D – Inginerie Mecanică, Vol. 78, Iss.1, 2016, Ed. Politehnica Press, ISSN 1454-2358, pp.159-172, [BDI], [Ris].

C9. **TRIFAN Elena-Laura; GUICĂ Raluca-Ioana; MICU Constantin-Anton - Innovation Management And Technology Transfer Within A Model Of Innovation Center At The University Politehnica Of Bucharest, Problems Of Management In The 21st Century, Vol. 4 (2012); ISSN 2029-6932 [BDI], [Vis]**

C10. **TRIFAN, L.; GUICĂ, R. I.; MICU, C. - Entrepreneurial Creativity and Innovation Management in Engineering, Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, ISBN 978-3-901509-91-9, ISSN 2304-1382, pp 0783 - 0788, Editor B[ranko] Katalinic, Published by DAAAM International, Vienna, Austria 2012 [BDI], [Vis]**

C11. *GUICĂ Raluca Ioana; DRAGOMIRESCU Cristian; TRIFAN Laura Elena; MICU Constantin Anton - A New Approach Of A Length Measuring System In Orthopedics Using A Laser Probe, Proceedings in Manufacturing Systems, Volume 7, Issue 4, 2012, ISSN 2067-9238, pp. 269-274 [BDI], [Rns] (cat B+)*

C12. *GUICĂ Raluca Ioana; TRIFAN Laura Elena; MICU Anton Constantin; BUCȘAN Constantin; BOGATU Lucian -The State Of The Art In Orthopedic Measurements, The Romanian Review Precision Mechanics, Optics & Mechatronics, 2012, No. 41, pp. 22-27, ISSN 1584-5982 [BDI], [Rns] (cat B+ CNCSIS)*

C13. *GUICĂ, R. I.; TRIFAN, L.; MICU, A. C. - A Comparative Analysis of Orthopedic Measuring Methods, Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, ISBN 978-3-901509-91-9, ISSN 2304-1382, pp 0355 - 0360, Editor B[ranko] Katalinic, Published by DAAAM International, Vienna, Austria 2012 [BDI], [Vis]*

C14. Roxana Postelnicu, Maria-Iuliana Dascalu, **Elena-Laura Trifan**, Elisabeth Lazarou, Constanța-Nicoleta Bodea (2017) Behavioral patterns in smart learning environments to enhance Employability. In: Conference: The 13th International Scientific Conference eLearning and Software for Education, Bucharest, Romania. Volume: pp. 430 – 437, DOI:10.12753/2066-026X-17-146

C15. Lazarou Elisabeth, **Trifan Elena Laura**, Opportunities and Challenges of Digitalization for International Academic Cooperation Using the Example of the German Higher Education, 14th International Scientific Conference on eLearning and Software for Education - eLearning Challenges and New Horizons (eLSE), Bucharest, Romania, April 19-20, 2018, ISSN 2066-026X, doi: 10.12753/2066-026X-18-098, Vol 2, Pages: 201-208, **WOS 000467466800027**

C16. **Laura Trifan**, Cristian Mustata, Ioana Guica, Tania Brezeanu, TALENT MANAGEMENT FOR INDUSTRIAL ENGINEERING IN GERMAN LANGUAGE, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain, ISBN: 978-0-9998551-5-7

C17. **Laura Trifan**, Maria Dascălu, Cristian Mustață, Iulia Stănică, A CASE OF SUSTAINABILITY FOR ENTREPRENEURSHIP EDUCATION IN THE GLOBALIZED WORLD, EDULEARN 2020, 6-7 July, ISBN: 978-84-09-17979-4, ISSN: 2340-1117, doi: 10.21125/edulearn.2020.1265, pp. 4803-4810

C18. Postelnicu Roxana, **Trifan Elena Laura**, Darie Alexandru, Scarlat Cezar LEARNING TO SUPPORT ONLINE TRAINING IN SOFTWARE PROJECT MANAGEMENT FOR BETTER WORK-LIFE BALANCE; DOI: 10.12753/2066-026X-19-067, Proceedings of The 15th International Scientific Conference eLearning and software for Education, Bucharest, ELSE 2019, April 11-12, 2019, Vol I, pp. 507-516. **WOS:000473322400067**

C19. **Laura Trifan**, Maria-Iuliana Dascălu, Alexandra Malațov, Iulia Stănică, Cristian Mustață, EXPERIMENTAL ONTOLOGY-BASED EDUCATIONAL RECOMMENDER SYSTEM TO SUPPORT KNOWLEDGE ACQUISITION, DOI: 10.21125/edulearn.2020.1484, 12th International Conference on Education and New Learning Technologies – EDULEARN 2020, 6-7 July, ISBN: 978-84-09-17979-4, ISSN: 2340-1117, pp. 5659-5667

C21. Ioan Cristian MUSTATA, PhD., Ioana Raluca GUICA, PhD., **Elena Laura TRIFAN, PhD.**, Elisabeth LAZAROU, Catalin George ALEXE, PhD., Catalina Monica ALEXE, PhD, MASTER EDUCATION EXCELLENCE IN ENGINEERING AND MANAGEMENT THROUGH THE USE OF TECHNOLOGY BUSINESS SIMULATIONS DOI: 10.12753/2066-026X-20-142, ELSE 2020, Proceedings Volume 2, pp. 435-447

C22. LAURA TRIFAN, ANASTASIA STĂNILOIU, Sustainability in Project Management, 38th IBIMA Conference: November 2021, Seville, Spain, ISBN: 978-0-9998551-7-1, ISSN: 2767-9640

C23. I.B. Păvăloiu, G. Drăgoi, A. Vasilățeanu, M. Dascălu, N. Goga, C.V. Marian, D.A. Mitrea, I.A. Bratosin, A.M. Neagu, I. Guică, **L. Trifan**, A.A. Alecu, INNOVATION AND ENTREPRENEURSHIP IN ICT, INTED 2022 Proceedings, ISBN: 978-84-09-37758-9, ISSN: 2340-1079, doi: 10.21125/inted.2022.2062, 8141-8146

D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

D1. Alexandru Ștefănescu, **Laura Trifan** - Smart Grids – challenges, opportunities and benefits towards long term Innovation and Sustainability, **Sustainable Innovative Solutions 2nd Edition**, Bucharest, Romania, 28/29 October 2016

D2. ȘERBAN COSTIN, CONSTANTIN A. MICU, CRISTIAN MUSTAȚĂ, **LAURA TRIFAN** – Selection of Methods for Determining the Rotation Center of the Hip Articulation for the Design of a Custom Acetabular Prosthesis, WSEAS - Advances in Production, Automation and Transportation Systems, June 2013, ISSN 2227-4588, pp. 294-299, indexat în Google Scholars, TIB (German National Library of Science and Technology), **[Rio]**

D3. CRISTIAN MUSTAȚĂ, IOANA GUICĂ, **LAURA TRIFAN**, ȘERBAN COSTIN - Leadership And Change Management In The Field Of Engineering And Management In The Romanian Higher Education System, First Scientific Conference on Lean Technologies LeanTech '12, Novi Sad, Serbia, Septembrie 13-14 2012, ISBN 978-86-7892-445-3, pp. 141-145 [Vis]

D4. **LAURA TRIFAN** - Green Supply Chain - A win-win relationship, ESTIEM Magazine, issue 44, 2013, ISSN 0874-5242, pp.42-44, [Rio]

D5. **LAURA TRIFAN** - Qualitätsmanagement und Projektmanagement, Conferința de Managementul Calității – Noiembrie 2009 – UPB cu Fundația Konrad Adenauer, [Vn]

D6. CONSTANTIN-ANTON MICU, NICOLAE ALEXANDRESCU, **LAURA TRIFAN**, CIMEC- The Center for Innovation in Mechatronics – ICEIRD 2008, Skopje, Macedonia, [Vi]

D7. **LAURA TRIFAN**, CONSTANTIN-ANTON MICU - Some Innovative Tools for SME-Promotion - Skopje, Macedonia. 21-22. Aprilie 2005, 8th Expert Forum for SME “CHALLENGES AND SOLUTIONS FOR THE POST-PRIVATIZATION PHASE FOR THE ENTERPRISES OF THE CEE REGION “, Conferință organizată de Universitatea Tehnică din Skopje cu sprijinul fundației Konrad Adenauer, [Vi]

D8. CRISTIAN MUSTAȚĂ, CRISTIAN DRAGOMIRESCU, ELISABETH LAZAROU, **LAURA TRIFAN**, IOANA MUSTAȚĂ - "Das Bukarester Modell des Integralen Managements als potenzielles Instrument der Personalentwicklung in Unternehmen und Universitäten", Jubiläumskonferenz **25 Jahre FDIBA - German Engineering: Made in Bulgaria**, 27.11.2015, Verlag der Technischen Universität Sofia, ISSN 1310-3946, pp. 13-17, [Vi]

D9. LAURA TRIFAN, Transdisciplinarity and Education for Technology Innovation, Conferința „Abordări interdisciplinare ale inovației ca factor de progres”, București, 14-15 noiembrie 2014, Universitatea Politehnica București, Departamentul de Inginerie în Limbi Străine, [Vn]

D10. TANIA-MIHAELA BREZEANU, **ELENA-LAURA TRIFAN** - Digital Darwinism and the importance of companies' adaptability, Conference for Innovation and Sustainability 2020, UPB

D11.

E. Brevete obținute în întreaga activitate

E1. LAURA TRIFAN, CONSTANTIN-ANTON MICU, CONSTANTIN BUCȘAN - Platformă de vibrații cu actuator electromagnetic și elemente elastice inelare – Brevet OSIM : 1008/18.12.2018

Data: 18.11.2022

Semnătura:

