

A N E X A 4 . 1 . F V

Universitatea Națională de Știință și Tehnologie POLITEHNICA București
Facultatea: Inginerie Industrială și Robotică
Departamentul: Ingineria Calității și Tehnologii Industriale
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Gradul didactic: Conferențiar

L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

A1. Optimizarea tehnologiilor de recondiționare prin sudare a colectoarelor și tamburelor din industria energetică „, Diploma de DOCTOR INGINER, Seria F, Nr. 0002370, aprobată prin Ordinul Ministrului Educației, Cercetării și Tineretului nr. 3439 din 12.03.2008

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

- B1. Cătălin Gheorghe Amza, **Dumitru Titi Cicic**, Corneliu Rontescu, Daniela Ioana Tudose – „Procesare texte și imagini”, Editura Printech, Recunoscută CNCSIS, cod 54, ISBN 978-606-23-0242-9, 182 pag., **2014**
- B2. Cătălin Gheorghe Amza, **Dumitru Titi Cicic**, Corneliu Rontescu, Daniel Vlăsceanu – „Calculatoare electronice și rețele de calculatoare”, Editura Printech, Recunoscută CNCSIS, cod 54, ISBN 978-606-23-0257-23, 301 pag., **2014**
- B3. **Dumitru Titi Cicic**, Liliana Nițu, Gheorghe Solomon, Oana Bratosin, Lucian Daniel Nițu – „Managementul Calității. Aplicații”, Editura Printech, Recunoscută CNCSIS, cod 54, ISBN 978-606-23-0299-3, 135 pagini, **2014**
- B4. **Dumitru Titi Cicic**, Gheorghe Solomon – Teoria Proceselor de sudare. Îndrumar de laborator, Editura Printech, Recunoscută CNCSIS, cod 54, ISBN 978-606-23-0300-6, 107 pagini, **2014**
- B5. **Dumitru Titi Cicic**, Gabriel Iacobescu - „Informatizarea și optimizarea proceselor de sudare”, Editura Politehnica Press, Recunoscută CNCSIS, cod 19, ISBN 978-606-515-577-0, pag. 181, **2014**
- B6. **Dumitru Titi Cicic**, Corneliu Rontescu – „Procedee de sudare și conexe sudării. Termeni și definiții. Reprezentări și simbolizări grafice. Numerele de referință și standardele utilizate în procesele de sudare și conexe sudării”, Editura Bren, Recunoscută CNCSIS, cod 96, ISBN 978-606-610-226-1, pag. 133, **2019**
- B7. Corneliu Rontescu, Gabriel Iacobescu, **Dumitru-Titi Cicic** – Tehnologia Sudării prin Topire 1, Îndrumar de laborator, Editura Bren, Recunoscută CNCSIS, cod 96, ISBN 978-606-610-230-8, pag. 117, **2019**
- B8. Corneliu Rontescu, Gabriel Iacobescu, **Dumitru Titi Cicic**, – „Tehnologia sudării prin topire. Vol. III”, Editura Bren, Recunoscută CNCSIS, cod 96, ISBN 978-606-610-189-9, ISBN 978-606-610-250-6, pag. 203, **2020**

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

ISI

- C1. Catalin Gheorghe Amza , **Dumitru Titi Cicic**, Industrial image processing using fuzzy-logic, 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, DAAAM 2014, pp 492- 498, **Accession Number: WOS:000380551900062, 2015**

Data:
26.09.2025

Semnătura:


- C2. C. RONTESCU, T. D. CICIC, C. G. AMZA, O. CHIVU, D. DOBROTĂ, CHOOSING THE OPTIMUM MATERIAL FOR MAKING A BICYCLE FRAME, METALURGIJA 54 (2015) 4, 679-682, ISSN 0543-5846, Document Type:Article, zona GALBENA, Accession Number: **WOS:000356463800020, 2015**
- C3. **Dumitru-Titi CICIC**, Corneliu RONTESCU, Catalin Gheorghe AMZA, Oana Roxana CHIVU, The combined effect of chemical elements on the properties of layer deposited by welding, Revista de chimie, Vol. 66, no. 9, September, pp 1299 – 1301, 2015, ISSN 0034-7752, 2015 Accession Number : **WOS:000363359700009, 2015**
- C4. O R Chivu, **D T Cicic**, C Rontescu,, I M Vasile and C Petriceanu, The effect of reconditioning techniques by welding on the quality of deposits on crankshafts, case study SMAW, Modern Technologies in Industrial Engineering (ModTech2015), IOP Conf. Series: Materials Science and Engineering 95 (2015) 012002, doi:10.1088/1757-899X/95/1/012002, Accession Number : **WOS:000365128900002, 2015**
- C5. O R Chivu, **D T Cicic**, C Rontescu,, I M Vasile and C Petriceanu, Qualitative and quantitative comparisons on reconditioning by welding of crankshafts from auto industry, Modern Technologies in Industrial Engineering (ModTech2015), IOP Conf. Series: Materials Science and Engineering 95 (2015) 012002, doi:10.1088/1757-899X/95/1/012003, Accession Number : **WOS:000365128900003, 2015**
- C6. OANA-ROXANA CHIVU, CORNELIU RONTESCU, **DUMITRU-TITI CICIC**, RESEARCH ON THE QUALITY OF HETEROGENEOUS WELDED JOINTS BETWEEN COPPER AND STAINLESS, REV. CHIM. (Bucharest) Vol. 66, no. 11, pp 1751 – 1754, 2015, ISSN 0034-7752, 2015, CCC:000368213500007, Accession Number : **WOS:000368213500007, 2015**
- C7. O. CHIVU, C. RONTESCU, **D.T. CICIC**, G. Bălan, THE EFFECTS OF RECONDITIONING BY WELDING OF CRANKSHAFTS IN AUTOMOTIVE INDUSTRY, Metalurgija, Issue 55, Volume 1, pp. 55-58, 2016, ISSN 0543-5846, Accession Number: **WOS:000372203900015, 2016**
- C8. O. CHIVU, **D-T CICIC**, C. RONTESCU, I-M VASILE, THE INFLUENCE OF THE RECONDITIONING BY WELDING PROCESSES ON THE HARDNESS OF CRANKSHAFTS IN THE AUTOMOTIVE INDUSTRY, Metalurgija, Issue 55, Volume 2, pp. 281-284, 2016, ISSN 0543-5846, Accession Number: **WOS:000372343600036, 2016**
- C9. O. CHIVU, C. RONTESCU, **D-T CICIC**, Validation of the finite element method (FEM) in case of reconditioning by welding applied to crankshafts, Metalurgija, Issue 55, Volume 2, pp. 221-224, 2016, ISSN 0543-5846, Accession Number: **WOS:000372343600020, 2016**
- C10. C. PETRICEANU, D. DOBROTĂ, C. RONTESCU, **D.T. CICIC**, O. CHIVU, O. TEODORESCU, RESEARCH OF THE ULTRASONIC TESTING PARTS RECONDITIONED BY WELDING, Metalurgija, Vol.55 No.3 , 2016, pp. 465-468, ISSN 0543-5846, Accession Number: **WOS:000372344500046, 2016**
- C11. **DUMITRU TITI CICIC**, CORNELIU RONTESCU, CATALIN GHEORGHE AMZA , OANA ROXANA CHIVU, GABRIEL IACOBESCU, Qualitative and Quantitative Comparisons Concerning the Influence of Jointing Parameters on the Quality of the PPR Without Insertion Components Assembly, MATERIALE PLASTICE , Vol. 53, No.1, 2016, ISSN 0025 – 5289, Accession Number: **WOS:000373966500009, 2016**
- C12. CORNELIU RONTESCU1, OANA ROXANA CHIVU, ADRIAN PACIOGA, GABRIEL IACOBESCU, ION MIHAI VASILE, **DUMITRU TITI CICIC**, AUGUSTIN SEMENESCU, Research on Biocompatible Titanium Alloys Test Samples, REV.CHIM.(Bucharest), ,Vol. 67, no. 6, pp 1124 – 1127, 2016, ISSN 0034-7752, Accession Number : **WOS: 000385510300019, 2016**
- C13. CORNELIU RONTESCU, ADRIAN PACIOGA, OANA ROXANA CHIVU, **DUMITRU TITI CICIC**, GABRIEL IACOBESCU, AUGUSTIN SEMENESCU " Analysis of the Surface Quality of Test

- Samples Made of Biocompatible Titanium Alloys by Sintering", REV.CHIM.(Bucharest)♦67♦No. 10 ♦2016, ISSN 0034-7752, Accession Number : **WOS:000388359900010, 2016**
- C14. **D T Cicic**, C Rontescu, A M Bogatu and M C Dijmărescu " Alternative welding reconditioning solutions without post welding heat treatment of pressure vessel", ModTech International Conference - Modern Technologies in Industrial Engineering V 14–17 June 2017, Sibiu, Romania, IOP Conf. Series: Materials Science and Engineering 227 (2017) conference 1, 012025 doi:10.1088/1757-899X/227/1/012025, pag 225 - 232, ISSN 1757-899X, Accession Number : **WOS: 000409221600111, 2017**
- C15. C Rontescu, **D T Cicic**, I M Vasile, A M Bogatu and C G Amza " Reconditioning medical prostheses by welding", ModTech International Conference - Modern Technologies in Industrial Engineering V 14–17 June 2017, Sibiu, Romania, IOP Conf. Series: Materials Science and Engineering 227 (2017) conference 1, 012025 doi: 10.1088/1757-899X/227/1/012111, pag 413...418, ISSN 1757-899X, Accession Number : **WOS: 000409221600025, 2017**
- C16. Rontescu, C; **Cicic, DT** ; Bogatu, AM (Bogatu, Ana Maria); Amza, CG ; Chivu, OR , Research Regarding the Analysis of the Samples Used for Prosthetics and Medical Instruments Obtained by Sintering Document Type:Article, Language: English ISSN: 0034-7752 REVISTA DE CHIMIE, Volume: 68 Issue: 8 Pages: 1854-1857, Published: AUG 2017, Accession Number: **WOS:000410388000037, 2017**
- C17. **DUMITRU TITI CICIC**, CORNELIU RONTESCU, ANA MARIA BOGATU, CATALIN GHEORGHE AMZA1, OANA ROXANA CHIVU The Influence of the Deposit Parameters on the Medium Chemical Composition of the Welded Joint, REV.CHIM.(Bucharest), 68, No. 10, 2017 <http://www.revistadechimie.ro> 2261 – 2264, Accession Number : **WOS:000416750000012, 2017**
- C18. Rontescu, C., **Cicic, D.T.**, Amza, C.G., Chivu, O.R., Iacobescu, G. , Comparative analysis of the components obtained by additive manufacturing used for prosthetics and medical instruments, Revista de Chimie, Volume 68, Issue 9, September 2017, Pages 2114-2116, ISSN: 0034-7752, Accession Number: **WOS:000416748800036, 2017**
- C19. **DUMITRU TITI CICIC**, CORNELIU RONTESCU*, ANA MARIA BOGATU, OANA ROXANA CHIVU, IONUT GABRIEL GHIONEA, Research on the Effect of Applying the Sacrifice Layer Technique on the Chemical Composition of the Welded Deposits, REV.CHIM.(Bucharest)♦68♦No. 11 ♦2017, pp. 2529 -2532, Accession Number: **WOS:000416751800012, 2017**
- C20. Gabriel IACOBESCU, Cornel RONTESCU, **Dumitru Titi CICIC**, Claudiu BABIS, Andrei DIMITRESCU, Oana CHIVU, INFLUENCE OF THE CHEMICAL COMPOSITION OF COATED ELECTRODES ON MOISTURE CONTENT OF THE COATING AND DIFFUSIBLE HYDROGEN IN THE WELDED METAL, U.P.B. Sci. Bull., Series B, Vol. 80, Iss. 3, 2018, ISSN 1454-2331, Accession Number: **WOS:000440890800007, 2018**
- C21. **Dumitru Titi Cicic**, Corneliu Rontescu, Valentin Săvulescu & Ana-Maria Bogatu, Invited Speaker, THE PROCESSING METHOD OF THE TUNGSTEN ELECTRODES AND THE CURRENT TYPE CHOICE INFLUENCE ON THE SHAPE OF THE WELDING ARC IN TUNGSTEN INERT GAS WELDING (TIG), IOP Conf. Series: Materials Science and Engineering 400 (2018) 022016 doi:10.1088/1757-899X/400/2/022016 The 6th International Conference on Modern Manufacturing Technologies in Industrial Engineering, June 13-16, 2018, Constanta, Romania, Accession Number: **WOS:000461147400016, 2018**
- C22. **Dumitru Titi Cicic**, Corneliu Rontescu, Ana-Maria Bogatu & Constantin Stefan Petriceanu,

- RESEARCH REGARDING THE INFLUENCE OF THE PREHEATING TEMPERATURE ON THE WELDING DILUTION, IOP Conf. Series: Materials Science and Engineering 400 (2018) 022015 doi:10.1088/1757-899X/400/2/022015, The 6th International Conference on Modern Manufacturing Technologies in Industrial Engineering, June 13-16, 2018, Constanta, Romania, Accession Number: **WOS:000461147400015, 2018**
- C23. S C Petriceanu, C Rontescu, **D T Cicic** and A-M Bogatu, Ultrasonic characterization of the PVC welded materials, IOP Conf. Series: Materials Science and Engineering 400 (2018) 022045 doi:10.1088/1757-899X/400/2/022045, The 6th International Conference on Modern Manufacturing Technologies in Industrial Engineering, June 13-16, 2018, Constanta, Romania, **Accession Number: WOS:000461147400045, 2018**
- C24. Gabriel Iacobescu, Cornel Rontescu, **Dumitru Titi Cicic**, Andrei Dimitrescu, Claudiu Babis, Oana Chivu, Research on the humidity absorption of some electrode coatings for arc welding, University Politehnica Of Bucharest Scientific Bulletin Series B-Chemistry And Materials Science, Volume: 81 Issue: 2 Pages: 257-263, 2019, ISSN: 1454-2331, Accession Number: **WOS: 000487213500023, 2019**
- C25. **Dumitru-Titi CICIC**, Gheorghe SOLOMON, Theodora Diana DIȚU, Corneliu RONTESCU, Dan GHEORGHE, Gabriel IACOBESCU, THE INFLUENCE OF TECHNOLOGICAL PARAMETERS ON THE CHARACTERISTICS OF ARC WELDING DEPOSITIONS U.P.B. Sci. Bull., Series B, Vol. 81, Iss. 3, 2019 ISSN 1454-2331, pag 187 – 200, Accession Number: **WOS: 000487215400019, 2019**
- C26. C Rontescu, **D T Cicic**, D F Nitoi and C Petriceanu, Research on the welding possibilities of dissimilar welded joints between two special alloys IOP Conf. Series: Materials Science and Engineering 591 (2019) 012027 IOP Publishing doi:10.1088/1757-899X/591/1/012027 Accession Number : **WOS: 000562929900027, 2019**
- C27. C Petrescu, **DT Cicic** and Ghe Solomon, Risk management of friction liner welding reconditioning technology change, IOP Conf. Series: Materials Science and Engineering 916 (2020) 012084 IOP Publishing, doi:10.1088/1757-899X/916/1/012084, pag. 1 – 11, June 23-27, 2020, Modern Technologies in Industrial Engineering, MODTECH INTERNATIONAL CONFERENCE - MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VIII, Book Group Author(s):IOP Publishing, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 916, Article Number: 012084, DOI: 10.1088/1757-899X/916/1/012084, Published: **2020**, Document Type:Proceedings Paper, ISSN: 1757-8981, 8th International Conference on Modern Technologies in Industrial Engineering VIII (ModTech) Accession Number : **WOS: 000625330000084**
- C28. Corneliu Rontescu ,Cătălin-Gheorghe Amza ,Ana-Maria Bogatu, Dumitru-Titi Cicic, Florea Dorel Anania and Adrian Burlacu , Reconditioning by Welding of Prosthesis Obtained through Additive Manufacturing, Metals 2022, 12(7), 1177; <https://doi.org/10.3390/met12071177>, Received: 7 June 2022 / Revised: 29 June 2022 / Accepted: 6 July 2022 / Published: 11 July 2022, eISSN 2075-4701 Accession Number : **WOS000833693300001**
- C29. Adrian FLOREA, Ștefan Constantin PETRICEANU, Corneliu RONTESCU, Ana Maria BOGATU, Dumitru Titi CICIC, THERMAL FIELD MEASUREMENT DURING WELDING USING INFRARED THERMOGRAPHY, U.P.B. Sci. Bull., Series B, Vol. 85, Iss. 3, **2023** ISSN 1454-2331 Accession Number **WOS:001052966300015**
- C30. Pirvu, V (Pirvu, Valentin) ; Rontescu, C (Rontescu, Corneliu); Bogatu, AM (Bogatu, Ana-

- Maria); **Cicic, DT** (Cicic, Dumitru-Titi) ; Burlacu, A (Burlacu, Adrian) ; Ionescu, N (Ionescu, Nadia), Research on Occupational Risk Assessment for Welder Occupation in Romania, PROCESSES, Volume12, Issue7, DOI 10.3390/pr12071295, Document Type Article, eISSN 2227-9717, **2.8** Journal Impact Factor TM (2023), **0.44** Journal Citation Indicator TM (2023) Accession Number **WOS:001277016500001, 2024**
- C31. Pîrvu, Valentin, Rontescu, Corneliu, Bogatu, Ana-Maria, Cicic, Dumitru-Titi, Applied Research on the Evaluation of the Management System of a Welded Structure Manufacturing, Romanian Journal of Transport Infrastructure, Volume: 13, Issue Number: 1, Publisher: De Gruyter, EISSN: 2286-2218, Serial URL: <https://sciendo.com/journal/RJTI>, Journal Impact Factor TM (2023), 0.1 Journal Citation Indicator TM (2023), 0.2 -five year) Accession Number **WOS: WOS:001287405400012, 2024**

BDI

- C32. **CICIC Dumitru Titi**, RONTESCU Corneliu, AMZA Cătălin Gheorghe, SEMENESCU Augustin, Research Concerning the Influence of Contact Tip-to-work Distance (CTWD) on Penetration, Bead Height, Bead width. Study Case GMAW Cladding, Advanced Materials Research Vol. 1088 (2015) pp 774-778, **ISSN 1662-8985, 2015**
- C33. RONTESCU Corneliu, **CICIC Dumitru Titi**, IACOBESCU Gabriel, AMZA Gheorghe Cătălin The Influence of the Welding Current Polarity on the Geometric Configuration of the Bead, Advanced Materials Research Vol. 1088 (2015) pp 797-801, doi:10.4028/www.scientific.net/AMR.1088.797, ISSN 1662-8985, **2015**
- C34. CHIVU (VÎRLAN) Oana Roxana , RONTESCU Corneliu, **CICIC Dumitru-Titi**, VASILE Ion-Mihai, Reconditioning of crankshaft in the automotive industry by using TIG welding, Advanced Materials Research Vol 1111 (2015) pp 43-48, **2015**
- C35. Ana Maria Bogatu, Gheorhe Solomon, **Dumitru-Titi Cicic**, INTERNAL CONSISTENCY DETERMINATION FOR QUESTIONNAIRES DESIGNED TO EVALUATE STAKEHOLDERS SATISFACTION IN TECHNICAL HIGHER EDUCATION, 9th Research/Expert Conference with International Participations "QUALITY 2015", Neum, B&H, June 10 – 13, 2015, pag. 341-346, ISSN 1512-9268, **2015**
- C36. Oana-Roxana CHIVU, Corneliu RONTESCU, **Dumitru-Titi CICIC**, Constantin PETRICEANU, PRELIMINARY RESEARCH ON THE OPTIMIZATION OF THE RECONDITIONING BY WELDING TECHNOLOGY OF CERTAIN ELEMENTS IN THE AUTOMOTIVE INDUSTRY, U.P.B. Sci. Bull. Series D, Vol.77, No.2/ 2015, ISSN 1454 – 2358, Cotare CNCSIS tip B+, cod 102, pag. 217...224, ISSN: 14542358, **2015**
- C37. **Dumitru Titi CICIC**, Corneliu RONTESCU , Gabriel IACOBESCU, Oana Roxana CHIVU, Cătălin Gheorghe AMZA, MATHEMATICAL MODEL FOR DETERMINATION OF THE MELTING VELOCITY OF THE COATED ELECTRODES, U.P.B. Sci. Bull. Series D, Vol.77, No.3/ 2015, ISSN 1454 – 2358, Cotare CNCSIS tip B+, cod 102, pag. 153...162, ISSN: 14542358, **2015**
- C38. DIJMĂRESCU Maria-Cristina, **CICIC Dumitru-Titi**, RONTESCU Corneliu, SOLOMON Gheorghe, VASILE Mihai Ion, Experimental study towards heterogeneous welded joint. Case study: welding joint of carbon steel S235JR + AR with stainless steel 316L, Applied Mechanics and Materials Vol. 811 (2015) pp 9-13, © (2015) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.811.9, **2015**
- C39. DIJMĂRESCU Maria-Cristina, SOLOMON Gheorghe, **CICIC Dumitru-Titi**, RONTESCU Corneliu, TĂRCATU Dragoș, Software Application for Welding Processes and Control

Data:

26.09.2025

Semnătura:



- Optimization, Applied Mechanics and Materials Vol. 808 (2015) pp 307-312, © (2015) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.808.307, **2015**
- C40. Constantin Petriceanu, Corneliu RONTESCU, **Dumitru-Titi CICIC**, Oana-Roxana CHIVU, Maria-Cristina DIJMĂRESCU, RESEARCH ON WELDING OF PLASTIC MATERIALS,, U.P.B. Sci. Bull. Series D, Vol.78, No.2/ 2016, ISSN 1454 – 2358, Cotare CNCSIS tip B+, cod 102, pag. 125...130, ISSN: 14542358, **2016**
- C41. A. M. Bogatu, G. Solomon, **D. Titi-Cicic**, "The Teaching Degree – A Premise in Objective Satisfaction Evaluation in Technical Higher Education", Applied Mechanics and Materials, Vol. 834, pp. 237-242, 2016, ISSN: 1662-7482, doi:10.4028/www.scientific.net/AMM.834.237, **2016**
- C42. M. C. Dijmarescu, **D. T. Cicic**, C. Rontescu, G. Solomon, "Influence of Welding Process on the Microstructure of Carbon Steel and Stainless Steel Heterogeneous Welded Joints", Advanced Materials Research, Vol. 1138, pp. 31-36, 2016, ISSN: 1662-8985, doi:10.4028/www.scientific.net/AMR.1138.31, **2016**
- C43. Ana-Maria Bogatu, **Dumitru-Titi Cicic**, Irina Severin, Gheorghe Solomon " Value Through Education", Volume 5, Issue 1 – March 2017, ISSN: 2344-4088, **2017**
- C44. **D.T. CICIC**, C. RONTESCU, A.M. BOGATU, C.M. DIJMARESCU, Methods of improving the quality of the welding deposit by using a "sacrifice layer", References: 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-12-6 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 61, 225-232 pp, DOI: 10.5593/sgem2017/61/S24.030, **2017**
- C45. C. RONTESCU, **D.T. CICIC**, A.M. BOGATU, C.M. DIJMARESCU, The optimization of the reconditioning possibilities for interlocking intramedullary nail made of titanium alloy, References: 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-12-6 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 61, 413-418 pp, DOI: 10.5593/sgem2017/61/S24.054, **2017**
- C46. Stefan Constantin Petriceanu, Corneliu Rontescu, **Dumitru Titi Cicic**, Dan Nitoi, Zoia Amza, OPTIMIZATION OF METHODS AND PARAMETERS OF CONTROL FOR WELDED OPTICAL FIBERS, 18 International Multidisciplinary Scientific GeoConference SGEM 2018, 30 June - 9July, 2018, Informatics, Geoinformatics and Remote Sensing, Issue : 2.1., **2018**
- C47. Corneliu Rontescu, **Dumitru-Titi Cicic**, Alexandru-Daniel Bucur, Ana-Maria Bogatu, TECHNOLOGICAL METHODS TO REDUCE WELDING STRESSES AND DISTORTIONS, 18 International Multidisciplinary Scientific GeoConference SGEM 2018, 30 June - 9July, 2018, MICRO AND NANO TECHNOLOGIES, SPACE TECHNOLOGIES AND PLANETARY SCIENCE, Issue : 6.1, **2018**
- C48. Corneliu Rontescu, **Dumitru-Titi Cicic**, Ana-Maria Bogatu, Petriceanu Constantin, THE INFLUENCE OF THE WAY OF DEPOSITING THE FILLER MATERIAL ON THE GEOMETRICALCHARACTERISTICS OF THE WELD BEAD, 18 International Multidisciplinary Scientific GeoConference SGEM 2018, 30 June - 9July, 2018, MICRO AND NANO TECHNOLOGIES, SPACE TECHNOLOGIES AND PLANETARY SCIENCE, Issue : 6.1. , **2018**
- C49. Corneliu Rontescu, **Dumitru-Titi Cicic**, Cătălin-Gheorghe Amza, ANALYSIS OF THE WELDING RECONDITIONING POSSIBILITIES OF MEDICAL PROSTHESIS, Nonconventional Technologies Review, 2018 Romanian Association of Nonconventional Technologies

Data:

26.09.2025

Semnătura:



Romania, December, **2018**

- C50. **Dumitru Titi Cicic**, Corneliu Rontescu, Oana Roxana Chivu, The influence of the gas nozzle geometrical shape on the quality of the mag welding deposit, *Fiabilitate si Durabilitate - Fiability & Durability* No 2/ 2018, Editura "Academica Brâncuși", Târgu Jiu, ISSN 1844 – 640X, pp. 72-82, **2018**
- C51. **Dumitru Titi Cicic**, Gheorghe Solomon Corneliu Rontescu, Oana Roxana Chivu, Gabriel Iacobescu, The use of free online and offline computer solutions for predetermining the structures of welded joints, *Fiabilitate si Durabilitate - Fiability & Durability* No 1/ 2019, Editura "Academica Brâncuși", Târgu Jiu, ISSN 1844 – 640X, pp. 106-115, **2019**
- C52. **Dumitru Titi Cicic**, Corneliu Rontescu, Oana Roxana Chivu, Stefan Constantin Petriceau, Quantitative and qualitative comparisons between necessary methods, applicable to welding, steel 13CrMo4-5, to establish the preheating temperature, *Fiabilitate si Durabilitate - Fiability & Durability* No 1/ 2019, Editura "Academica Brâncuși", Târgu Jiu, ISSN 1844 – 640X, pp. 97-105, **2019**
- C53. Carmen (Popișteanu) Petrescu, Gheorghe Solomon, **Dumitru Titi Cicic**, Oana Roxana Chivu and Corneliu Rontescu, The recovery through welding of the geometric shape on passenger railcars friction liner, *Journal of Research and Innovation for Sustainable Society (JRISS)* Volume 2, Issue 1, 2020, ISSN: 2668-0416, Thoth Publishing House, DOI: 10.33727/JRISS.2020.1.5:32-40, pag 32 – 40, **2020**
- C54. C Petrescu, **DT Cicic** and Ghe Solomon, Risk management of friction liner welding reconditioning technology change, *IOP Conf. Series: Materials Science and Engineering* 916 (2020) 012084 IOP Publishing, doi:10.1088/1757-899X/916/1/012084, pag. 1 – 11, June 23-27, 2020 Modern Technologies in Industrial Engineering, **2020**
- C55. Carmen Petrescu, **Dumitru Titi Cicic**, Corneliu Rontescu, Gheorghe Solomon, Research on welding reconditioning of the friction liner from passenger cars for railway safety improvement, *U.P.B. Sci. Bull., Series D, Vol. 83, Iss. 3, 2021* ISSN 1454-2358, **2021**
- C56. M N Coman, C Rontescu, A M Bogatu and **D T Cicic**, Analysis of robotic welding possibilities of a car chassis assembly, *ModTech* **2021**, IOP Conf. Series: Materials Science and Engineering 1182 (2021) 012015, IOP Publishing, doi:10.1088/1757-899X/1182/1/012015, IOP Conference Series: Materials Science and Engineering, ISSN 1757-899X
- C57. A M Bogatu, C Rontescu, R C Diacu and **D-T Cicic**, Research regarding strip cladding of heat-resistant SA 387 Gr.11Cl.2 steel type, *ModTech* 2021, IOP Conf. Series: Materials Science and Engineering 1182 (**2021**) 012008, IOP Publishing, doi:10.1088/1757-899X/1182/1/012008, IOP Conference Series: Materials Science and Engineering, ISSN 1757-899X
- C58. Carmen Popisteanu, **Dumitru Titi Cicic**, Gheorhe Solomon, Research on the Development of the Welding Reconditioning Procedure for Friction Liner on the Passenger Coaches, *Periodical: Advances in Science and Technology (Volume 110)*, Pages: 15-24, DOI: <https://doi.org/10.4028/www.scientific.net/AST.110.15>, **2021** ISSN: 1757-899X,
- C59. Valentin Pîrvu, **Dumitru Titi Cicic**, Corneliu Rontescu, Ana Maria Bogatu, Research On Establishing Correlations Between The Requirements Of EN ISO 9001: 2015 And EN ISO 3834-2: 2021 Standards For Welded Structure Manufacturing Organizations, *Data publicării* 2023/6/29, 2023 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Pagini 01-09, Editor IEEE, 979-8-3503-2138-8/23/\$31.00 ©**2023** IEEE

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Semnătura:



- C60. Mihăiță-Nicolae Coman, Corneliu Rontescu, **Dumitru-Titi Cicic**, Ana-Maria Bogatu, Valentin Pirvu, IMPLEMENTATION OF ROBOT WELDING IN THE CONTEXT OF INDUSTRY 4.0 DEVELOPMENT, International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. XV, **No. 1 / 2023**
- C61. Mihăiță-Nicolae COMAN, Corneliu RONTESCU, Ana-Maria BOGATU, **Dumitru-Titi CICIC**, Adrian FLOREA: INDUSTRY 4 0 IN WELDING PROCESSES IN THE AUTOMOTIVE INDUSTRY, Fiabilitate si Durabilitate - Fiability & Durability **No 2/ 2023**, Editura “Academica Brâncuși” , Târgu Jiu, ISSN 1844 – 640X, pag. 116 - 121
- C62. Adrian FLOREA, Corneliu RONTESCU, Ana-Maria BOGATU , **Dumitru-Titi CICIC**, Mihăiță-Nicolae COMAN: RESEARCH REGARDING THE MEASUREMENT POSSIBILITIES OF THE THERMAL CYCLE IN WELDING, Fiabilitate si Durabilitate - Fiability & Durability **No 2/ 2023**, Editura “Academica Brâncuși” , Târgu Jiu, ISSN 1844 – 640X, pag. 122 – 127
- C63. Valentin PÎRVU, Corneliu RONTESCU, Ana-Maria BOGATU, Dumitru-Titi CICIC: ANALYSIS OF OCCUPATIONAL ACCIDENTS IN INDUSTRIAL FIELDS USING WELDER OCCUPATION, Fiabilitate si Durabilitate - Fiability & Durability **No 1/ 2024**, Editura “Academica Brâncuși” , Târgu Jiu, ISSN 1844 – 640X
Indexă: Index Copernicus, EBSCO, JournalSeek, DOAJ, ULRICH, SCIPRO
- C64. Alexandru-Vasile Oancea, Corneliu Rontescu, Ana-Maria Bogatu, Dumitru-Titi Cicic, Using the Ishikwa diagram for problem analysis in the laser cutting process, Journal of Research and Innovation for Sustainable Society (JRISS), Volume 6, Issue 2, 2024, ISSN: 2668-0416, Thoth Publishing House, DOI: 10.33727/JRISS.2024.2.12:109-118, pag. 109 – 118, **2024**
INDEXĂRI: Academic Resource Index ResearchBib, Academic-Accelerator, BASE, Crossref, DOAJ, DRJI, EBSCO, ERIH PLUS, EuroPub, FINNA, Google Academic, IndexCopernicus, KTH Library, MIAR, National Library of Australia, Princeton University, ROAD, ScholarImpact, University Library, Worldcat
- C65. Adrian Florea, Corneliu Rontescu, Ana-Maria Bogatu and **Dumitru-Titi Cicic**, Assessment of the hardness of S890QL material welded joints, Journal of Research and Innovation for Sustainable Society (JRISS), Volume 6, Issue 2, 2024, ISSN: 2668-0416, Thoth Publishing House, DOI: 10.33727/JRISS.2024.2.13:119-125, pag. 119 – 125, **2024**
INDEXĂRI: Academic Resource Index ResearchBib, Academic-Accelerator, BASE, Crossref, DOAJ, DRJI, EBSCO, ERIH PLUS, EuroPub, FINNA, Google Academic, IndexCopernicus, KTH Library, MIAR, National Library of Australia, Princeton University, ROAD, ScholarImpact, University Library, Worldcat
- C66. Oancea, A., Rontescu, C., Bogatu, A., Cicic, D., & Amza, C. (2024). THEORETICAL RESEARCH ON CUTTING METHODS USED IN THE AUTOMOTIVE INDUSTRY. Nonconventional Technologies Review, 28(4)., Print: ISSN 2359-8646; On-line: ISSN 2359-8654., **2024**
INDEXĂRI: ProQuest, EBSCO, DOAJ, IndexCopernicus, Google Academic, CABI
- C67. P A STRĂJERU, C RONTESCU, A M BOGATU, D T CICIC - CURRENT STATE OF MICROPLASMA WELDING, Fiabilitate si Durabilitate - Fiability & Durability **No 1/ 2025**, Editura “Academica Brâncuși” , Târgu Jiu, ISSN 1844 – 640X, pag. 216 - 221
INDEXĂRI: Index Copernicus, EBSCO, DOAJ, ULRICH, SCIPRO

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

Reviste - NU ESTE CAZUL (în ultimii 10 ani nu am transmis spre publicare lucrări la reviste neindexate)

Conferințe - NU ESTE CAZUL (în ultimii 10 ani nu am participat cu lucrări la conferințe neindexate)

E. Brevete obținute în întreaga activitate*

- E1. Brevet nr. 125968/28.02.2014, cu titlul "Metoda și dispozitiv pentru sudare orbitala" autori: G. Gârleanu, C. Rontescu, **D.T. Cicic**, D. Gârleanu, **2014**
- E2. Brevet nr. 128159/29.05.2015, cu titlul „Instalație de evaluare a calității produselor industriale”, autori : Amza Cătălin Gheorghe, **Cicic Dumitru Titi**, Popescu Diana, Amza Gheorghe, Semenescu Augustin, **2015**
- E3. Brevet nr. 128174/30.07.2015 cu titlul „ Metoda și sistem de instruirea pentru poziționarea șuruburilor pediculare in vertebrele colanei umane”, autori : Popescu Diana, Amza Cătălin Gheorghe, Lăptoiu Dan Constantin, Amza Gheorghe, Semenescu Augustin, Antoniac Vasile Iulian, **Cicic Dumitru Titi**, **2015**
- E4. Brevet nr. 128428/30.12.2015 cu titlul „ Metoda si dispozitiv pentru evaluarea etanșeității produselor de tip casete luminoase realizate din Polimetilmetracrilat, autori: Amza Cătălin Gheorghe, **Cicic Dumitru Titi**, Popescu Diana, **2015**

* E – Brevete (pentru întreaga activitate)