

Nume Prenume: SEVERIN Traian- Lucian
Gradul didactic: Șef lucrări doctor inginer
Instituția unde este titular: Universitatea ”Ștefan cel Mare” din Suceava
Facultatea: Inginerie Mecanică, Autovehicule și Robotică
Departamentul: Mecanică și Tehnologii

LISTA lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

CERCETARI ȘI CONTRIBUTII LA REALIZAREA ȘI PROMOVAREA DE NOI METODE ȘI APARATE PENTRU ÎNCERCAREA DE DURITATE, susținută public la data de 16.11.2012, Suceava, Romania. Diplomă Doctor Seria H Nr. 0026298, 31/01/2013

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

B.1. TEHNOLOGII DE PRELUCRARE PRIN DEFORMARE PLASTICĂ LA RECE, **Severin Traian Lucian**, Tamașag Ioan, Editura USV 2024, ISBN 978-973-666-815-9, 186 p.

B.2. SIGURANȚA ÎN FUNCȚIONAREA SISTEMELOR TEHNOLOGICE, Autori: Vasile RAȚĂ - MUNTEAN , Constantin MILITARU, **Traian Lucian SEVERIN**, Emil MILITARU, Editura Standardizarea, ISBN 978-606-8032-44-3, București 2012, p. 182.

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

C.01. Puscaselu, R (Puscaselu (Gheorghita), Roxana); Severin, TL (Severin, Traian Lucian); Amariei, S (Amariei, Sonia), Use of Biopolymers in Designing Edible Packaging Materials for Food Industry Development of statistical models, MATERIALE PLASTICE, Volume: 56 Issue: 1 Pages: 199-204, Published: MAR 2019, Type:Article, Accession Number: WOS:000464604100040 ISSN: 0025-5289

C.02. Dulucheanu, C., Severin, T.L., Cerlinca, D.A., Irimescu, L., „Structure and Mechanical Properties of Some Dual-Phase Steels with Low Manganese Content”, revista „Metals”, ISSN: 2075-4701, Volume 12, Issue 2, 189 (pp.1 - 12), 2022 (WOS: 000772038000001; DOI: 10.3390/met12020189), factor de impact 2,695 (revista în zona galbenă), articol indexat Web of Science (Clarivate Analytics) și Scopus

C.03. Dulucheanu, C., Severin, T.L., E., Irimescu L., Cerlinca, D.A., „Influence of the Cycles of Heat Treatments on the Structure and Mechanical Properties of a Dual-Phase Steel with Low manganese Content”, ""20th International Multidisciplinary Scientific GeoConference SGEM 2020"" , 8 – 11 decembrie 2020, Viena, Austria, Conference Proceedings, Volume 20, Book 6.2, pp. 11-18, (DOI: 10.5593/sgem2020V/6.2/s07.02), articol indexat în SCOPUS

C.04. Dulucheanu, Constantin; Bancescu, Nicolai; Severin, Traian, Technological Characteristics of a Dual-Phase Steel with 0.09% C and 1.90% Mn obtained by Intercritical Quenching , Edited by: Murariu, AC Conference: 10th International Conference on Structural Integrity of Welded Structures (ISCS13) Location: Timisoara, ROMANIA Date: JUL 11-12, 2013 Sponsor(s): CM Metal Trading SRL; Robcon TM SRL; Kimet SRL STRUCTURAL INTEGRITY OF WELDED STRUCTURES Book Series: Advanced Materials Research Volume: 814 Pages: 60-67 Published: 2013

C.05. Dulucleanu, C., Severin, T.L., Potorac, A. Irimescu L., "Influence of intercritical quenching on the structure and mechanical properties of a dual-phase steel with low manganese content", Materials Today – Proceedings, ISSN 2214-7853, Volume 19, Part 3, pp. 941-948, 2019 (WOS: 000496428200006; DOI: 10.1016/j.matpr. 2019.08.005), 11th International Conference on Materials Science and Engineering (BraMat 2019) Anexa - Anexe_A2\2.1\13

C.06. Dulucleanu, C., Severin, T.L., Potorac, A. Irimescu L., „Determination of the critical points in solid-state transformation of some hypoeutectoid steels”, E3S Web of Conference, 95, 04004 (2019), (WOS: 000507961900031; DOI: 10.105/e3sconf/20199504004), The 8th International Conference on Manufacturing Engineering and Processes – ICMEP 2019, 16 – 18 februarie 2019, Praga, Republica Cehă Anexa I.69

C.07. Tamaşag, I.; Beşliu-Băncescu, I.; Severin, T.-L.; Dulucleanu, C.; Cerlincă, D.-A. Experimental Study of In-Process Heat Treatment on the Mechanical Properties of 3D Printed Thermoplastic Polymer PLA. Polymers 2023, 15, 2367. <https://doi.org/10.3390/polym15102367> WOS:000997732700001

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C.09. Constantin DULUCHEANU, Cristian CALANCEA, Traian – Lucian SEVERIN, Delia – Aurora CERLINCĂ, Ioan TAMAŞAG, Luminita IRIMESCU, THE INFLUENCE OF THE VOLUME FRACTION OF MARTENSITE ON THE ABSORBED ENERGY IN THE CHARPY PENDULUM IMPACT TEST OF A DUAL-PHASE STEEL WITH 1.15% Mn and 1% Cr TEHNOMUS – New Technologies and Products in Machine Manufacturing Technologies”, ISSN: P - 1224-029X, E – 2247-6016, nr.31, pp. 79-86, 2024, indexat în Index Copernicus, EBSCO HOST Conection, Google Scholar
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C.10. Delia CERLINCĂ, Sergiu SPÎNU, Traian SEVERIN, Ştefan JUREŞCHI, WEAR OF MOLD PUNCHES FOR VIBROPRESSED PAVES, TEHNOMUS – New Technologies and Products in Machine Manufacturing Technologies”, ISSN: P - 1224-029X, E – 2247-6016, nr.30,p 76-82, 2023, indexat în Index Copernicus, EBSCO HOST Conection, Google Scholar
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C.13. Ioan TAMAȘAG, Irina BEȘLIU-BĂNCESCU, Dumitru AMARANDEI, Traian Lucian SEVERIN, Constantin DULUCHEANU, UNIVERSAL TENSILE GRIP FOR UNI-AXIAL TESTING OF 3D PRINTED SPECIMENS, TEHNOMUS – New Technologies and Products in Machine Manufacturing Technologies”, ISSN: P - 1224-029X, E – 2247-6016, nr.29, pp. 33-37, 2022, indexat în Index Copernicus, EBSCO HOST Conexiune, Google Scholar
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C.16. Dulucianu, C., Severin, T.L., Irimescu L., Berariu, E., Cerlinca, D.A., „Influence of the Structure Succession on the Volume Fraction of Martensite and Ferrite Microhardness in a Dual-Phase Steel with Low Manganese Content”, ""20th International Multidisciplinary Scientific GeoConference SGEM 2020"", 18 – 24 august 2020, Albena, Bulgaria, Conference Proceedings, Book 6.1, Volume 20, pp. 69-76, (DOI: 10.5593/sgem2020/6.1/s24.010) articol indexat Scopus.

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C.29. Lucian V. Severin, Traian Lucian Severin, COLD STRANGLING HOLLOW PARTS FORCES CALCULATION OF CONICAL AND CONICAL WITH CYLINDRICAL COLLAR, Tehnomus Journal, No. 23/2016, TEHNOMUS - New Technologies and Products in Machine Manufacturing Technologies, p.18-23, ISSN 1224-029x, 2016.
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C.30. Traian Lucian Severin, Lucian V. Severin, THEORETICAL CONSIDERATION ON FORCE CALCULUS OF THE TOROIDAL AND TOROIDAL WITH CYLINDRICAL COLLAR COLD STRANGLING OF HOLLOW PARTS, Tehnomus Journal, No. 23/2016, p.30-34, ISSN 1224-029x, 2016.
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E. Brevete obținute în întreaga activitate

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E.2. APARAT PENTRU ÎNCERCAREA ȘI CARACTERIZAREA AVANSATĂ A MATERIALELOR, - Brevet de invenție, RO 127438/2012 GUTT Gheorghe, SEVERIN Traian Lucian, GUTT Andrei, European Patent Office. <http://worldwide.espacenet.com>

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Semnătura:

