

LISTA COMPLETĂ DE LUCRĂRI

a. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru domeniul disciplinelor postului pentru care candidează:

1. Miritoiu CM, Rosca AS, Stancut A, Influence of Resin Composition on the Performance of Composites Reinforced with Recovered Paper and Poultry Feathers, DOI10.15376/biores.21.1.808-838,2026
https://bioresources.cnr.ncsu.edu/wpcontent/uploads/2025/12/BioRes_21_1_808_Miritoiu_RS_Resin_Composition_Composite_Paper_Poultry_Feather_25132.pdf
2. E. Stăncuț, C.Cernăianu and D.Popescu, , Experimental Study on Cooling Microprocessor With Micro Channel Heat Exchanger, Proceedings of 2016 International Conference on Applied and Theoretical Electricity(ICATE), DOI:10.1109/ICATE.2016.7754612, Publisher: IEEE, ISSN:2376-4163,
<http://ieeexplore.ieee.org/abstract/document/7754612>
3. Stăncuț,E.A., Cernăianu,C., Determining the parameters of a heat exchanger installation using transformer oil, Annals of the „Constantin Brancuși” University of Târgu Jiu, Engineering Series, Engineering Series No. 2/2018,ISSUE2/2018.
<https://ing.utgjiu.ro/wp-content/conferinte/confereng2018/program.html>
https://www.utgjiu.ro/rev_ing/?page=curent&nr=2018-2
- 4.Cernăianu, A., Cernăianu, C., Stăncuț, E., Theoretical and experimental studies on thermal phenomena in centerless grinding, National Scientific Conference with International Participation „CONFERENG 2022”, „Constantin Brâncuși” University of Târgu-Jiu, November 25-26, 2022, Annals of the „Constantin Brancuși” University of Târgu Jiu, Engineering Series, No. 4/2022, ISSN-L 1842-4856. ISSN 2537-530X (online), <https://scholar.google.ro/citations?user=sMNZsysAAAAJ&hl=ro>,
- 5.C.Cernăianu, Stăncuț E., Thermal phenomena in drying seeds on fluid bed, Annals of Constantin Brancuși University of Targu-Jiu,2021,
<https://web.s.ebscohost.com/abstract>
6. Cernăianu, A., Cernăianu, C., Stăncuț, E., Studies on the influence of process technological parameters on geometric accuracy in 3D printing of PLA parts by FFF printing technology, In book: Proceedings of the International Conference on Mechanical Engineering (ICOME 2022), DOI: 10.2991/978-94-6463-152-4_43, Series:Atlantis Highlights in Engineering, part of Springer Natures, Available Online 30 May 2023, <https://www.atlantispress.com/proceedings/ico-me-22/125987646>,
<https://scholar.google.ro/citations?user=sMNZsysAAAAJ&hl=ro>,
https://www.researchgate.net/publication/371032993_Studies_on_the_Influence_of_Process_Technological_Parameters_on_Geometric_Accuracy_in_3D_Printing_of_PLA_Parts_by_FFF_Printing_Technology
7. Cernăianu, A., Cernăianu, C., Stăncuț, E., Study of the stop phenomena at the end sliding plate movement with reciprocating rectilinear motion driven by direct current motors, In book: Proceedings of the International Conference on Mechanical Engineering (ICOME 2022), DOI: 10.2991/978-94-6463-152-4_44, Series:Atlantis Highlights in Engineering, part of Springer Natures, Available Online 30 May 2023, <https://www.atlantispress.com/proceedings/ico-me-22/125987684>,

- https://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=sMNZsysAAAAJ&citation_for_view=sMNZsysAAAAJ:hMod-77fHWUC,
https://www.researchgate.net/publication/371025420_Study_of_the_Stop_Phenomena_at_the_End_Sliding_Plate_Movement_with_Reciprocating_Rectilinear_Motion_Driven_by_Direct_Current_Motors
8. Stăncuț (Rîbu) Eugenia, Bică Marin, Cernăianu Corina, The Efficient Of Interchanger With Microchannels From The System Of Refrigeration With Liquid On Computers În: Conferința Națională de Termotehnică cu Participare Internațională. Ediția a XVII-a, 21 mai – 22 mai, 2009, Brașov, România. Societatea Română a Termotehnicienilor. Universitatea Transilvania Brașov, 2009 <http://mecanica.unitbv.ro/rom/termo/index.html>
9. Miritoiu CM, Stancut A, Vaduva N, Comparative analysis of bio-based resins for potential use as matrices in composite materials, „Constantin Brâncuși” University of Târgu-Jiu, Faculty of Engineering, 19th Symposium Durability and Reliability of Mechanical System, SYMECH 15-16 mai 2026.
10. Corina Cernăianu, Dragoș Tutunea, Eugenia Stăncuț, Research on the heat balance sheet drying fluidized bed with solar energy, Revista Societății Române a Termotehnicienilor, Editura AGIR, ISSN 1222-4057, Anul XIII, nr.1/2009, București, pag.65-72. <http://www.revistatermotehnica.agir.ro/articol.php?id=541>

b. Teza de doctorat

Denumirea: Contribuții la studiul transferului de căldură în schimbătoarele de căldură cu microcanale, 2009, sub îndrumarea domnului Prof. Univ. Dr. Ing. Marin Bică

c. Brevete de invenție și alte titluri de proprietate industrială

d. Cărți și capitole în cărți

1. Cernăianu, C. D., **Stăncuț, E.**, Tutunea, D., Termotehnică și echipamente termice, Indrumar de laborator , Seria Termotehnica, 129 pag., Editura Universitaria, Craiova, ISBN 978-606-510-487-7, 2009

<http://ebibliophil.ro/cauta/carte/autor-principal/cernaianu-corina-dana>
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2. Cernaianu, C.D., Calbureanu, M., **Stancut.E.**, Dima, A., Termotehnică și echipamente termice, Indrumar de laborator, Seria Termotehnica, 159 pag., Editura Universitaria, Craiova, ISBN 978-606-14-1370-6, 2018

<https://www.google.com/search?xsrf=ALeKk0lag937zUeHZsQbx62rXWYyYjQyeuA:1621157479450&source=univ&tbm=isch&q=.+Cern%2C+ianu+C.,+C%2C+Calbureanu+M.,St%2C+83ncu%2C+9B+E.,+Dima+Al.,Termotehnic%2C+83+%2C+99i+ma%2C+99ini+termice,+Indrumar+de+laborator,+Seria+Termotehnica,+159&sa=X&ved=2ahUKewjz0L-d8s3wAhVnmYsKHWtNAgMQjKjEegQIAxAB&biw=1366&bih=625>

3. Cernăianu C., **Stancut Eugenia Adriana.**, Termotehnica - Aplicații seminar, Seria Termotehnica, Editura Sitech , 150 pag., ISBN 978-606-11-8565-8, Craiova 2023

<https://www.sitech.ro/>

4. **Eugenia Adriana Stancut** , Fenomene specifice transferului termic la schimbătoare de căldură cu microcanale, 165pag., Editura Sitech, ISBN 978-606-11-8575-7 Craiova 2023.

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5. **Eugenia Adriana Stancut** , Cernaianu, C.D, Termotehnică-notițe de curs, Editura Sitech 320pag,ISBN 978-606-11-8895-6, Craiova 2025

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e. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

e.1 Jurnale indexate ISI Web of Science, cu factor de impact

1. Miritoiu CM, Rosca AS, **Stancut A**, Influence of Resin Composition on the Performance of Composites Reinforced with Recovered Paper and Poultry Feathers, DOI10.15376/biores.21.1.808-838, 2026 https://bioresources.cnr.ncsu.edu/wp-content/uploads/2025/12/BioRes_21_1_808_Miritoiu_RS_Resin_Composition_Composite_Paper_Poultry_Feather_25132.pdf

e.2 Jurnale indexate ISI Web of Science, fără factor de impact

1. **E. Stăncuț**, C.Cernăianu and D.Popescu, Experimental Study on Cooling Microprocessor With Micro Channel Heat Exchanger, Proceedings of 2016 International Conference on Applied and Theoretical Electricity(ICATE), DOI:10.1109/ICATE.2016.7754612,Publisher:IEEE,ISSN:23764163
<http://ieeexplore.ieee.org/abstract/document/7754612>

f. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

1. **Ribu E. A**, Tutunea D., Transfer de căldură în regim tranzitoriu în schimbătoarele de căldură cu microcanale,Colocviul Național Metode Instalatii si Echipamente pentru Masurarea, Conservarea si Gestiunea Energiei, Ediția a IX –a, 27-28 septembrie 2007 Craiova.

2. Tutunea D., **Ribu E. A.**, Resurse energetice regenerabile,Colocviul Național Metode Instalatii si Echipamente pentru Masurarea, Conservarea si Gestiunea Energiei, Ediția a IX –a, 27-28 septembrie 2007 Craiova.

3. **Ribu Eugenia Adriana**, Transferul De Căldură În Schimbătoarele De Căldură, National Conference of Thermotechnics with international participation Edition XVI, 31 may– 1 june, 2007, Ploiesti, Romania. Romanian Society of Thermotechniciens University Petrol – Gaze of Ploiesti. Vol 2: Machines and Thermal installations. Publishing House University Petrol-Gaze of Ploiesti, , pag.235-24, Cod CNC SIS 87,ISSN: 1843-1992

4. **Ribu Eugenia Adriana**, Special Fluids For Heat Transfer In Positive, 2nd International Conference on Thermal Engines and Environmental Engineering METIME 2007, June 7-9, 2007, Galați Romania, Thermal Science societies union from Romania University

"DUNAREA DE JOS" of Galati. In PROCEEDINGS A: Thermodynamics and fluid mechanics analysis. B. Heat transfer, Refrigeration and cryogenics optimization. Publishing House S.C. Zigotto S.R.L., pag.246-250 Cod CNCSIS 262, ISBN: 978-973-1724-17-1

5. **Rîbu Eugenia Adriana**, The Influence Of Deposits At Interchangers, În 3rd International Conference Advanced Concepts In Mechanical Engineering Acme 2008, Iasi Romania June 5-6, 2008. Published in: Bulletin of Polytechnic Institute of Iași, Technical University "Gh. Asachi", Iași, Section Construction of Machines, Tome LIV (LVI), Fasc.2, 2008 journal of class B, , pag.381-385 Cod CNCSIS 500, ISSN: 1001-2855

6. **Rîbu Eugenia Adriana**, The Heat Interchangers With Microchannels, În 3rd International Conference Advanced Concepts In Mechanical Engineering Acme 2008, Iasi Romania June 5-6, 2008. Published in: Bulletin of Polytechnic Institute of Iași, Technical University "Gh. Asachi", Iași, Section Construction of Machines, Tome LIV (LVI), Fasc.2, 2008 journal of class B, , pag.371-375, Cod CNCSIS 500, ISSN: 1001-2855

7. **Rîbu Eugenia Adriana**, The Interchanger Battery With Flippers, Annals Of The Oradea University Fascicle Of Management And Technological Engineering Volume VII (XVII), 2008, Pag 113, CNCSIS, ISSN 1583-0691

8. **Rîbu Eugenia Adriana**, The Deposits Time Evolution In The Heat Interchangers, Annals of the Oradea University Fascicle Of Management And Technological Engineering Volume VII (XVII), , CNCSIS. Pag 96, 2008, ISSN 1583-0691

9. **Stăncuț (Rîbu) Eugenia, Bică Marin, Cernăianu Corina**, The Efficient Of Interchanger With Microchannels From The System Of Refrigeration With Liquid On Computers În: Conferința Națională de Termotehnică cu Participare Internațională. Ediția a XVII-a, 21 mai – 22 mai, 2009, Brașov, România. Societatea Română a Termotehnicienilor. Universitatea Transilvania Brașov, 2009 <http://mecanica.unitbv.ro/rom/termo/index.html>

10. Corina Cernăianu, Dragoș Tutunea, **Eugenia Stăncuț**, Research on the heat balance sheet drying fluidized bed with solar energy, Revista Societății Române a Termotehnicienilor, Editura AGIR, ISSN 1222-4057, Anul XIII, nr.1/2009, București, pag.65-72. <http://www.revistatermotehnica.agir.ro/articol.php?id=541>

11. Tutunea D., Cernaianu C., **Stancut A.**, Dima A., Researches on cold starting of biodiesel diesel, International Conference of Mechanical Engineering ICOME 2010 Craiova, 28-29, Aprilie 2010 <http://www.gbv.de/dms/tib-ub-hannover/688521622.pdf>

12. **Stancut A.**, Cernaianu C., Tutunea D., Dima A., Automatic control of thermodynamic parameters of the micro channels heat exchangers, International Conference of Mechanical Engineering ICOME 2010 Craiova, Aprilie 2010. <http://www.gbv.de/dms/tib-ub-hannover/688521622.pdf>

13. Cernăianu, A., Tutunea, D., **Stăncuț, E.**, Dima, Al., Studies of a system of temperature control without the correction center, Revista Termotehnica, Thermal Engineering Thermotechnique, Revista SRT, Anul XV, nr. 1S/2011, serie nouă, Editura AGIR, 2011, ISSN-L 1222-4057, ISSN (online) 2247-1871, pag. 7. <https://www.tib.eu/en/search/id/TIBKAT%3A645165786/Revista-termotehnica/>

14. **Stăncuț, E.**, Nicolae Bara, Corina Cernăianu, Calculul diferenței de temperaturatură medie logaritmică pentru un schimbător de căldură cu aripioare, Revista Societății Române a Termotehnicienilor, Editura AGIR, ISSN-L 1222-4057, Anul XV, nr.1S/2011, București, pag.49. http://www.revistatermotehnica.agir.ro/files/1_2011_Motoare,%20turbine%20si%20cazane%de20abur.pdf

15. Corina Cernăianu, Marin Bică and **Eugenia Stăncuț**, Research concerning technical plants drying in fluidized bed, Buletinul Institutului Politehnic din Iași, ISSN2285-2301,Romania <http://www.mec.tuiasi.ro/acme2012/conferenceprogram.html>.
16. Corina Cernăianu, **Stăncuț Eugenia**, Theoretical and Experimental Research on Dryng Cereal Seeds and Plants in Technical Fluidised Bed,International Conference of Mechanical Engineering ICOME 2013, 16-17 of may, Craiova, Tome 2, pag.575-583.
17. **Stăncuț Eugenia**, Corina Cernăianu, The Difference of Temperature Calculate for a Heat Excenger, International Conference of Mechanical Engineering ICOME 2013, 16-17 of mai.,Craiova, Tome 2, pag.403-409.
18. D.Popecu, C.Cernăianu, C.Bratu and **E.Stăncuț**, Fuzzy Logic Treatment of the Laminated Composites Fracture, Conference of Mechanical Engineering ICOME 2015, Curent Solutions in Mechanical Engineering, ISSN 1662-7482, DOI 10.4028/www.scientific.net/AMM.823.479 Craiova
29. **Stăncuț Eugenia**, Corina Cernăianu, Water, an ideal thermal agent for micro heat exchangers, National Scientific Conference With International Participation, 23-24 noiembrie,Targu Jiu,2017
<https://ing.utgjiu.ro/wp-content/conferinte/confereng2016/index.html>
20. **Stăncuț Eugenia**, Corina Cernăianu, Determining the parameters of a heat exchanger installation using transformer oil, National Scientific Conference With International Participation, 23-24 noiembrie,Targu Jiu,2018
21. Cernăianu, C., **Stăncuț, E.**, Cernăianu, A., Changes in process analysis technological parameters drying seed grain and technical plants in fluid bed, Annals of the „Constantin Brancuși” University of Târgu Jiu, Engineering Series, No. 3/2019, ISSN-L 1842-4856. ISSN 2537-530X (online),
http://www.utgjiu.ro/rev_ing/?page=curent&nr=2019-3
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https://scholar.google.ro/citations?hl=ro&user=sMNZsysAAAAJ&view_op=list_works&sortby=pubdate
22. Cernăianu, A., Cernăianu, C., **Stăncuț, E.**, Ciurezu, M., Studies on the Variation of the Process Parameters when Braking Dc Motors with Shoe Brakes, 5th International Conference of Mechanical Engineering ICOME 2019, 24-25 october 2019, University of Craiova, Faculty of Mechanics. Published on Applied Mechanics and Materials, (Volume 896) pages 218-223, Trans Tech Publications Ltd. Switzerland, Online since February 2020, <http://mecanica.ucv.ro/ViataAcademica/Conferinte/ICOME2019/index.html>
<http://mecanica.ucv.ro/ViataAcademica/Conferinte/ICOME2019/Papers/Sect3.pdf> ;
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23. Cernăianu, C., Cernăianu, A., **Stăncuț, E.**, Automation of Installations for Solar Drying of Grain Seeds and Fluidized Bed Technical Plants, 5th International Conference of Mechanical Engineering ICOME 2019, 24-25 october 2019, University of Craiova, Faculty of Mechanics. Published on Applied Mechanics and Materials, (Volume 896) pages 177-182, Trans Tech Publications Ltd. Switzerland, Online since February 2020, <http://mecanica.ucv.ro/ViataAcademica/Conferinte/ICOME2019/index.html>
<http://mecanica.ucv.ro/ViataAcademica/Conferinte/ICOME2019/Papers/Sect1.pdf> ;
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24. C.Cernăianu, **Stăncuț E.**, Thermal phenomena in drying seeds on fluid bed, Annals of Constantin Brancusi University of Targu-Jiu, 2021, <https://web.s.ebscohost.com/abstract>
25. Cernăianu, A., Cernăianu, C., **Stăncuț, E.**, Theoretical and experimental studies on helical springs subjected to longitudinal vertical shock, National Scientific Conference with International Participation „CONFERENG 2022”, „Constantin Brâncuși” University of Targu-Jiu, November 25-26, 2022, Annals of the „Constantin Brancuși” University of Targu Jiu, Engineering Series, No. 4/2022, ISSN-L 1842-4856. ISSN 2537-530X (online), pag. 49-53, <https://scholar.google.ro/citations?user=sMNZsysAAAAJ&hl=ro>, https://www.utgjiu.ro/rev_ing/?page=curent, https://www.utgjiu.ro/rev_ing/pdf/2022-4/07_Cern%C4%83ianu,%20A,%20Cern%C4%83ianu,%20C,%20St%C4%83ncu%C8%9B,%20E_THEORETICAL%20AND%20EXPERIMENTAL%20STUDIES%20ON%20HELICAL%20SPRINGS%20SUBJECTED%20TO%20LONGITUDINAL%20VERTICAL%20SHOCK.pdf
26. Cernăianu, A., Cernăianu, C., **Stăncuț, E.** Theoretical and experimental studies on thermal phenomena in centerless grinding, National Scientific Conference with International Participation „CONFERENG 2022”, „Constantin Brâncuși” University of Targu-Jiu, November 25-26, 2022, Annals of the „Constantin Brancuși” University of Targu Jiu, Engineering Series, No. 4/2022, ISSN-L 1842-4856. ISSN 2537-530X (online), pag. 43-48, <https://scholar.google.ro/citations?user=sMNZsysAAAAJ&hl=ro>, https://www.utgjiu.ro/rev_ing/?page=curent, https://www.utgjiu.ro/rev_ing/pdf/2022-4/06_Cern%C4%83ianu,%20A,%20Cern%C4%83ianu,%20C,%20St%C4%83ncu%C8%9B,%20E_THEORETICAL%20AND%20EXPERIMENTAL%20STUDIES%20ON%20THERMAL%20PHENOMENA%20IN%20CENTERLESS%20GRINDING.pdf
27. Cernăianu, A., Cernăianu, C., **Stăncuț, E.**, Study of the stop phenomena at the end sliding plate movement with reciprocating rectilinear motion driven by direct current motors, In book: Proceedings of the International Conference on Mechanical Engineering (ICOME 2022), DOI: 10.2991/978-94-6463-152-4_44, Series: Atlantis Highlights in Engineering, part of Springer Natures, Available Online 30 May 2023, <https://www.atlantis-press.com/proceedings/ico-me-22/125987684>, https://scholar.google.ro/citations?view_op=view_citation&hl=ro&user=sMNZsysAAAAJ&citation_for_view=sMNZsysAAAAJ:hMod-77fHWUC, https://www.researchgate.net/publication/371025420_Study_of_the_Stop_Phenomena_at_the_End_Sliding_Plate_Movement_with_Reciprocating_Rectilinear_Motion_Driven_by_Direct_Current_Motors
28. Cernăianu, A., Cernăianu, C., **Stăncuț, E.**, Studies on the influence of process technological parameters on geometric accuracy in 3D printing of PLA parts by FFF printing technology, In book: Proceedings of the International Conference on Mechanical Engineering (ICOME 2022), DOI: 10.2991/978-94-6463-152-4_43, Series: Atlantis Highlights in Engineering, part of Springer Natures, Available Online 30 May 2023, <https://www.atlantis-press.com/proceedings/ico-me-22/125987646>, <https://scholar.google.ro/citations?user=sMNZsysAAAAJ&hl=ro>, https://www.researchgate.net/publication/371032993_Studies_on_the_Influence_of_Process_Technological_Parameters_on_Geometric_Accuracy_in_3D_Printing_of_PLA_Parts_by_FFF_Printing_Technology

29. C.Cernăianu, **Stăncuț E.**, Optimizing the technological parameters of the drying process of cereal seeds and technical plants, Annals of Constantin Brancusi, University of Targu-Jiu, Engineering Series, No.4/2023
30. A. Codiță, M. Marinache, **A. Stăncuț**, D. Călbureanu, Modelling of the improvement of living conditions in the apartment blocks built before 1989 and rehabilitation through thermal insulation, using Ubakus heat and mass transfer through walls program <http://mecanica.ucv.ro/CARE2024/index.html>, Conference on Mechanical Engineering, ICOME 2024.
31. A. Codiță, M. Marinache, **A. Stăncuț**, A.Ionescu, The importance of using appropriate materials when renovating old masonry buildings – case study: church from the end of the XIX-TH century <http://mecanica.ucv.ro/CARE2024/index.html>, Conference on Mechanical Engineering, ICOME 2024
32. **E.A. Stăncuț**, A. Codiță, Experimental study for a water cooling system for its hardware elements Conference on Mechanical Engineering, ICOME 2024, <http://mecanica.ucv.ro/CARE2024/index.html>
33. Miritoiu CM, Bogdan AG, **Stancut A**, Mechanical Properties for Some Bio-Based Composites. International Scientific Conference "Physics-Engineering-Technology, University of Plovdiv "Paisii Hilendarski" Plovdiv, Bulgaria, 2026, 9-786192-811532
34. Miritoiu CM, **Stancut A**, Vaduva N, Comparative analysis of bio-based composites reinforced with cotton fiber, „Constantin Brâncuși” University of Târgu-Jiu, Faculty of Engineering, 19th Symposium Durability and Reliability of Mechanical System, SYMECH 15-16 mai 2026.
35. Miritoiu CM, **Stancut A**, Vaduva N, Comparative analysis of bio-based resins for potential use as matrices in composite materials, „Constantin Brâncuși” University of Târgu-Jiu, Faculty of Engineering, 19th Symposium Durability and Reliability of Mechanical System, SYMECH 15-16 mai 2026.

02.06.2026

E.A. Stăncuț