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Habilitation thesis title: *Research on energy management and conversion in mechanical and thermo-chemical systems*

Domain: Mechanical engineering

PUBLICATIONS LIST

RELEVANT PAPERS

1. Costiuc I., Chiru A., Costiuc L., A Review of Engine's Performance When Supercharging by a PressureWave Supercharger, *Energies*, 2022, **15(8)**, 2721, (IF-2021=3.252, SRI2020=0.598), <https://www.mdpi.com/1996-1073/15/8/2721>
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9. Bodolan C., Costiuc L., Brătucu C., *A Theoretical Mathematical Model For Energy Balance In Greenhouses*, Bulletin of the Transilvania University of Braşov, Series II: Forestry - Wood Industry -Agricultural Food Engineering, Vol. 8(57), 2015, pp.69-76, BDI:SCOPUS, http://webbut2.unitbv.ro/BU2015/Series%20II/Contents_II_AFE.html
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Title: Contributions on dynamic behaviour of refrigerating machineries with mechanical compression, University Dunărea de Jos of Galaţi, PhD in Engineering since may 1999, cf. OMEN nr.3772/05-05-1999, field of "Thermal Machineries and Equipments"

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1. Costiuc L., Costiuc I., *Poluarea mediului exterior*, Editura:Evrika Brăila, publ.ZIGOTTO Galaţi(cod CNCISIS 262), ISBN:973-8052-59-9, An Aparitie:2001, TotalNrPagini:154

2. Costiuc L., Costiuc I. - *Termotehnică și mașini termice, Culegere de probleme*, Ed.Evrika, Brăila, ISBN 973-641-000-3, 2001.
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3. *Magnetic Sorting and Ultrasound Sensor Technologies of High Purity Secondary Polyolefins from Waste*, Grant FP 7, acronim W2Plastics, Nr 212782, Research area: ENV-2007-3.1.3-02. New technologies for waste sorting, coordonator Universitatea Transilvania din Brașov: Prof dr ing Mircea Horia Țierean, Tema de lucru WP 4: "Green solution for process residues", 2009-2013.
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Date

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