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Lista lucrărilor științifice

A. Teza de doctorat

Asupra aplicării laserului ca sursă energetică în procesul agregare/depunere a unor pulberi metalice

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

1. **Ciofu Florin**, Alin Stăncioiu – Știința și ingineria materialelor. Îndrumar de laborator, Editura Academica Brâncuși, 2011, 152 pag, ISBN 978-973-144-501-4
2. Iancu Cătălin, **Ciofu Florin** – Proiectare asistată de calculator, Ed. Sitech, 2012, ISBN 978-606-11-2647-7, 205pag

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

ISI

1. The duplex thermal chemical treatment applied to the alloyed steel, **Florin Ciofu**, WSEAS Conference, 6th International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '13) Brașov, 1-3 Iunie 2013.
2. Composition for surface treatment of glass fibers for manufacture of polypropylene matrix composites, **Florin Ciofu**, International Multidisciplinary Scientific GeoConference SGEM 2013, Green Buildings Technologies and Materials Section, Bulgaria, 17-21 iunie 2013.
3. Research on Accidental Defects to Bearings of Mining Equipment, **Ciofu Cristian Florin**, IManE 2013 International Conference, May 23-24, Iași, ROMÂNIA, Innovate Manufacturing Engineering, ISSN 1660-9336, pag.700
4. Improving of the corrosion process on the heat exchangers, **Ciofu Florin**, International Multidisciplinary Scientific GeoConference SGEM 2014, Green Buildings Technologies and Materials Section, Bulgaria
5. Studies on ensuring a longer operation lifetime of the component parts of the heat exchangers - **Florin Ciofu**, Ionela Ramona Surdu – International Conference on Energy and Environment Technologies and Equipment (EEETE 14), Advances in Environmental Technology and Biotechnology, Brașov, Romania, June 26-28, 2014 – Energy, Environmental and Structural Engineering Series, nr.26, pag.43.
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7. Influence Factors Hierarchization in Electrochemical Discharge Machining (ECDM) Using the Random Balance Method - Alin Nioață, **Florin Ciofu**, IMANE 2015
8. The area thermal field of laser deposition - **Florin Ciofu**, Alin Nioață, SGEM 2015
9. Densification of metallic powders using selective laser sintering - **Florin Ciofu**, Alin Nioață, 16th International Scientific Geoconference SGEM 2016, Book 6, „NANO, BIO AND GREEN – TECHNOLOGIES FOR A SUSTENABLE FUTURE” – CONFERENCE PROCEEDING, Vol. II, ISBN 978-619-7105-69-8, 30 June-6July, Bulgaria, Pag. 77-82

10. Increasing the Wear Resistance of Metallic Materials by applying Thermochemical Treatments, **Ciofu Florin**, MATEC Web of Conferences 290, MSE 2019
11. Metallographical aspects of the application of special paint layers for the protection of machine part sections against the effect of ionitriding, Bibu Marius, **Ciofu Florin**, MATEC Web of Conferences 290, MSE 2019
12. Changes of structure and physical-mechanical properties in alloy steels thermochemically treated by plasma nitriding, **Ciofu Florin**, Bibu Marius, 10TH International Conference on Manufacturing Science and Education – MSE 20 MATEC Web of Conferences, Volume 3, 2021
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14. Platynng of wear resistant surface layers by the method - laser sintering, **Ciofu Florin**, Nioață Alin, Revista Fiabilitate și Durabilitate, Supliment nr.1/2012, ISSN 1844-640X, pag.137.
15. Aluminisation thermochemical treatment applied to wear resistant coatings, **Ciofu Florin**, Stăncioiu Alin, Revista Fiabilitate și Durabilitate, Supliment nr.1/2012, ISSN 1844-640X, pag.143.
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20. Metode de cercetare experimentală a proceselor de tăiere/ The experimental research methods of cutting processes, Alin Stăncioiu, **Ciofu Florin** - Annals of the „Constantin Brâncuși” University of Tg Jiu, Engineeris Series, Issue 2/ 2012, ISSN 1842-4856, pag 148
21. Analiza critică a utilajelor și sculelor folosite în procesele tehnologice de tăiere - Stăncioiu Alin, **Ciofu Florin**, Annals of the „Constantin Brâncuși” University of Târgu Jiu, Engineering Series, Issue 4/2012, ISSN 1842-4856, pag221
22. Corrosion by fouling the heat exchangers installations, **Ciofu Florin**, Revista Fiabilitate și Durabilitate, Nr.2/2013, ISSN 1844-640X, pag.66.
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55. A design and optimization analysis on metal structures, **Ciofu Florin**, Revista Fiabilitate și Durabilitate, Nr.1/2020, ISSN 1844-640X, pag.78
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