

LISTĂ LUCRĂRI ȘTIINȚIFICE RELEVANTE

1. **ILIESCU M.**, SPĂNU P., NUȚU E., MIHON L., "Experimental and Theoretical Studies on Mechanical Characteristics of an Important Composite Material", Plastic Materials 1/2009, pg. 62-66, ISSN 0025 / 5289 (poz. 3 din Lista de Lucrări, LL)
2. **M. ILIESCU**, L. VLĂDĂREANU, P. SPĂNU, "Modeling and Controlling of Machining Forces when Milling Polymeric Composites", Plastic Materials 2/2010, pg. 231-235, ISSN 0025 / 5289 (poz. 4, LL)
3. **Mihaiela ILIESCU**, Victor URSIANU, Florica MOLDOVEANU, Marius AVRAMESCU, Radu URSIANU, "Quality Assurance Solutions for Monitoring and Control Software Systems of Electrical Substations", 11th International Conference on Data Networks, Communications, Computers (DNCOCO '12), pg. 109 - 114, ISBN: 978-1-61804-118-0, Sliema, Malta, September 7-9, 2012 (poz. 13, LL)
4. **M. ILIESCU**, E. NUȚU, B. COMĂNESCU, "Applied Finite Element Method Simulation in 3D Printing", NAUN International Journal of Mathematics and Computers in Simulation, Issue 4, vol. 2, 2008, pag. 305-312, ISSN 1998-0159.(poz. 14, LL)
5. **ILIESCU M.**, GHEORGHE M., "Statistic Models of Cutting Tool Durability Function in Turning 40C130 Thermal Spray Coatings", University POLITEHNICA of Bucharest Scientific Bulletin, Series D, vol. 69, no. 3/2007, pag. 47-54, ISSN 1454-2358, România (poz. 17, LL)
6. **M. ILIESCU**, K. TABESHFAR, A. IGHIGEANU, G. DOBRESCU, "Importance of Rapid Prototyping to Product Design", University POLITEHNICA of Bucharest, Scientific Bulletin, Series D: Mechanical Engineering, vol. 71, Issue 2, 2009, pag. 117-124, ISSN 1454-2358, România (poz. 25, LL)
7. **Mihaiela ILIESCU**, Aurelian VLASE, Doru BARDAC, "Simulation of 20MoCr130 Steel Drilling Process and Some Mathematical Models Determined", International Journal of Mathematics and Computers in Simulation, Issue 1, vol. 3, 2009, pag. 107-114, ISSN 1998-0159 (poz. 52, LL)
8. **Mihaiela ILIESCU**, Marian LAZĂR, "Relevant Aspects When Developing A New Customized Product – Marble And Granite CNC Bevelling Machine", Proceedings in Manufacturing Systems, vol 5. no. 4, ISSN 2067-9238, pag. 209-211, Editura Academiei Române, 2010 (poz. 64, LL)
9. **M. ILIESCU**, "Developing and 3D Prototyping of a Customized Device for CNC Laser Micro-Machining", Academic Journal of Manufacturing Engineering, issue. 2/2011, vol. 9, pag. 31-36, ISSN 1583-7904, România. (poz. 71, LL)
10. **Mihaiela ILIESCU**, Luigi VLĂDĂREANU, Marius SOCEANU "Machining Force Regression Models and Real Time Control when Turning MET4 Metallized Coating", 15th International Conference on Systems (MAMECTIS'11), pg. 346-351, ISSN 1792-4235, Corfu, Greece, July 14-16, 2011 (poz. 73, LL)
11. **ILIESCU Mihaiela**, ROHAN Rodica,, "Management of Uncertainty Evaluation Process in Calibrating a Force Measuring Device", Journal of Electrical and Electronics Engineering, Academy of Romanian Scientists, vol. 5, no. 1, May, 2012, pag. 95 -100, ISSN 1844-6035, University of Oradea, Romania (poz. 80, LL)
12. **Mihaiela Iliescu**, Cristian Spîrleanu, Nicolae Bercan And Luige Vladareanu*, "Flexible Robotic Cell for Optimization of Grinding Process for 40c130 Metallized Coating", Academic Journal of Manufacturing Engineering, AJME, vol. 13, issue 2/2015, pg. 30-35, ISSN: 15837904, Cod CNCSIS-127. (poz. 97, LL)
13. **M. Iliescu**, C. Spirleanu, A. Patrascu, L.Vladareanu , "Distributed Control System for Machining Process Optimization in Drilling Mineral Composites Reinforced by 3% Glass Fibers", New Technologies and Products in Machine Manufacturing Technologies, TEHNOMUS Journal 2015, no. 22/2015, pg. 426-433, ISSN-1224-029X, Cod CNCSIS-115 (poz. 98, LL)
14. **Mihaiela ILIESCU**, „Multi-Axes Mechatronic System for Printing Ultrathin Layers of Perovskite Solar Cells - Prototype design and manufacture”, 10th International Conference on Software, Knowledge, Information Management & Applications, SKIMA 2016, December 15-17, 2016, Chengdu, China (poz. 112, LL)
15. **Mihaiela ILIESCU**, "Tehnologii de Fabricare a Componentelor Mecanice ale Roboților Industriali - Elemente Fundamentale", editura PRINTECH, ISBN 978-606-521-984-7, 2013, 215 pag

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