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Qualifications and diplomas

- 2010 – Doctoral adviser
- 1998 Ph.D Diploma in Industrial Engineering , Gheorghe Asachi Technical University of Iasi
- 1989 Mechanical Engineer-Diploma . Gheorghe Asachi Technical University of Iasi
- 1983 B.Sc. Costache Negruzzi College Iasi -Mathematics and Physics

Editorial Board Membership

- Materials and Design (Elsevier)
- Modern Mechanical Engineering (MME) (SCIRP Publishers)
- Recent Patents in Materials Science (Bentham Science Publishers)

Publications-selection

1. Ge, W., Li, B., Axinte, E., Zhang, Z., Shang, C., & Wang, Y. Crystallization and Corrosion Resistance in Different Aqueous Solutions of Zr₅₀. 7Ni₂₈Cu₉Al₁₂. 3 Amorphous Alloy and Its Crystallization Counterparts. *JOM*, 1-8.,2017
2. YW Caiyun Shan, **Eugen Axinte**, Jun Sun, Xuting Li, Peng Li, Jianwei Du ... CoCrFeNi(W₁ – xMox) high-entropy alloy coatings with excellent mechanical properties and corrosion resistance prepared by mechanical alloying and hot pressing sintering *Materials & Design* 117, 193-202,2017
3. Xu, J., Axinte, E., Zhao, Z., & Wang, Y.. Effect of C and Ce addition on the microstructure and magnetic property of the mechanically alloyed FeSiBAlNi high entropy alloys. *Journal of Magnetism and Magnetic Materials*,414, 59-68. (2016)

4. M Axinte, E., Wang, Y., L Tabacaru, L., & Radwan, N. Shear Banding in Metallic Glasses: Major Weakness or Potential Advantage?. *Recent Patents on Materials Science*, 9(1), 2-19. (2016).
5. Sun, Z., Xing, Q., Axinte, E., Ge, W., Leng, J., & Wang, Y. (2015). Formation of highly thermal stable Al₈₈Ni₆Y₆ amorphous composite by graphene addition design. *Materials & Design*, 81, 59-64.
6. L. Z. Zhao, R. J. Xue, Z. G. Zhu, Z. Lu, E. Axinte, W. H. Wang, and H. Y. Bai Evaluation of flow units and free volumes in metallic glasses, *Journal of Applied Physics* 116, 103516 (2014)
7. C.R. Cao, D.W. Ding, D.Q. Zhao, E. Axinte, H.Y. Bai, W.H. Wang, Correlation between glass transition temperature and melting temperature in metallic glasses *Materials & Design* Volume 60, August 2014, Pages 576–579
8. Chirileanu M, Nistoroschi G and Axinte E , Researches on the failure modes under tensile forces of the Resistance Spot Welding (RSW) joints, *International Journal of Engineering Research and Applications (IJERA)* ISSN: 2248-9622 www.ijera.com Vol. 3, Issue 2, March -April 2013, pp.396-400 (cited by 2)
9. Chirileanu M, Ursache Marius , Axinte Eugen and Achitei Dragos, Researches about the influence of surfaces roughness on resistance spot welding (rsw) results , *International Journal of Management, IT and Engineering (IJMIE)* , 2013, vol.3, issue 6, pp.567-574
10. K.L Edwards , Eugen Axinte & L.L.Tabacaru A critical study of the emergence of glass and glassy metals as “green” materials, *Materials and Design* , 50 (9), pp.713-723, 2013 (cited by 22)
11. Huo J. T., Zhao D. Q. , Bai H. Y. , Axinte E., Wang W. H. (2013) Giant Magnetocaloric Effect in Tm-based Bulk Metallic Glasses, *Journal of Non-Crystalline Solids* ,359 (1-4) , 2013, (cited by 15)
12. Eugen Axinte and Marius Chirileanu, Recent Progress in the Industrialization of Metallic Glasses, *Recent Patents in Materials Science (Bentham Science Publishers)* vol.5,nr.3 (2012) (cited by 6)
13. Eugen Axinte, Metallic glasses from "alchemy" to pure science. Present and future of design, processing and applications of glassy metals. *Materials and Design* , 35(4), pp.518-556, 2012 (cited by 90)
14. Eugen Axinte, Glasses as engineering materials .A review, *Materials and Design* ,32(4) ,1717-1732, 2011 (cited by 65)

Expertise (fields)

Novel Materials & Advanced Manufacturing

Profile Details

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