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Education

Ph. D. in Materials Engineering, Isfahan University of Technology (2014)

Thesis Title: Development of Al-Al₃V and Al-(Al₃V-Al₂O₃) Nanocomposites for High Temperature Applications

M.Sc. in Materials Engineering, Isfahan University of Technology (2008)

Books:

Nonferrous alloys, Payameh Noor University, 2019.

Conference Presentations

- S.Z. Anvari, M.H.Enayati, F.Karimzadeh, “Fabrication of intermetallic matrix nanocomposite”, First International Congress on Nanoscience and Nanotechnology Faculty of Engineering, University of Tehran 18th to 20th December 2006.
- S.Z. Anvari, F. Karimzadeh, M.H. Enayati, “Fabrication of NiAl–Al₂O₃ Nanocomposite by Mechanical Alloying”, 2nd International Congress on Nanoscience and Nanotechnology, University of Tabriz, 2008.
- S.Z. Anvari, “**Nanostructure Mg-based Materials for Hydrogen storage- A review**”, **2th conference of advanced Energy, 2015.**

Publications

- M.H. Enayati, F. Karimzadeh, **S.Z. Anvari**, “Synthesis of nanocrystalline NiAl by mechanical alloying, journal of materials processing technology, 200 (2008) 312–315.
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- **Seyedeh Zahra Anvari**, Mohammad Hajeb, Mahmoud Fazel Najafabadi, “Evaluation of Photocatalytic and Antibacterial Properties of ZnO - CuO Nanocomposites Synthesized by Sol-Gel Method”, New Process in Material Engineering, 2021.
- **S.Z. Anvari** , M. Khandozi, “ Effect of friction stir welding parameters on the microstructure and mechanical properties of dissimilar AA2024-AA6061 joints”, Journal of Welding Science and Technology of Iran, 2022.