

Asst. Prof. TURGUT ŞAHİN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Balıkesir University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2008 - 2014

Postgraduate, Balıkesir University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Balıkesir University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1999 - 2003

Dissertations

Doctorate, Elektrodepozisyon ile üretilen CoFeCu/Cu çok katmanlı filmlerin elektrokimyasal, yapısal, manyetik ve manyetodirenç özellikleri üzerine L(+) askorbik asit ve sodyum hidroksit'in etkisinin incelenmesi, Balıkesir University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2014

Postgraduate, Elektrodepozisyon tekniğiyle üretilen Co ve CoFe filmlerin, yapısal ve manyetodirenç özelliklerinin incelenmesi, Balıkesir University, Fen Bilimleri Enstitüsü, Fizik, 2006

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, ELECTRICAL AND ELECTRONICS ENGINEERING, 2022 - Continues

Courses

Fizik2, Undergraduate, 2022 - 2023

Elektromanyetik Kuramı, Undergraduate, 2022 - 2023

Fizik1, Undergraduate, 2022 - 2023

Jury Memberships

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, August, 2024

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, June, 2024

Post Graduate, Post Graduate, Karamanoğlu Mehmetbey Üniversitesi, May, 2024

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, December, 2023

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2023

Post Graduate, Post Graduate, Balıkesir Üniversitesi, December, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Giant Magnetoresistance of the Electrodeposited FeCoCu/Cu Multilayers: Metal Oxide Formation with NaOH in the Electrolyte**
Tekgül A., Şahin T., Köçkar H., ALPER M.
Acta Physica Polonica A, vol.143, no.3, pp.262-269, 2023 (SCI-Expanded)
- II. **Effect of L-ascorbic acid on electrochemically deposited FeCoCu/Cu magnetic multilayer granular films: structural, magnetic and magnetoresistance properties**
Şahin T., Tekgül A., Köçkar H., ALPER M.
Thin Solid Films, vol.709, 2020 (SCI-Expanded)
- III. **Properties of electrodeposited CoFe/Cu multilayers: The effect of Cu layer thickness**
Sahin T., Kockar H., ALPER M.
Journal of Magnetism and Magnetic Materials, vol.373, pp.128-131, 2015 (SCI-Expanded)
- IV. **Giant magnetoresistance and magnetic properties of CoFe/Cu multilayer films: Dependence of electrolyte pH**
Sahin T., Kockar H., ALPER M.
Journal of Superconductivity and Novel Magnetism, vol.26, no.4, pp.825-829, 2013 (SCI-Expanded)
- V. **Co-Fe films: Effect of Fe content on their properties**
Kockar H., Aiper M., Sahin T., ŞAFAK HACİSMAİLOĞLU M.
Journal of Nanoscience and Nanotechnology, vol.10, no.11, pp.7639-7642, 2010 (SCI-Expanded)
- VI. **Role of electrolyte pH on structural and magnetic properties of Co-Fe films**
Kockar H., ALPER M., Sahin T., Karaagac O.
Journal of Magnetism and Magnetic Materials, vol.322, no.9-12, pp.1095-1097, 2010 (SCI-Expanded)
- VII. **Properties of Co-Fe films: Dependence of cathode potentials**
ALPER M., Kockar H., Sahin T., Karaagac O.
IEEE Transactions on Magnetics, vol.46, no.2, pp.390-392, 2010 (SCI-Expanded)

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Balıkesir University, Turkey, May 2023