

Lect. PhD EMİNE GÖKÇE POLAT

Personal Information

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Education Information

Doctorate, Gebze Technical University, Institute Of Science, Turkey 2011 - 2019

Postgraduate, Gebze Yüksek Teknoloji Enstitüsü, Fen Fakültesi, Fizik, Turkey 2006 - 2009

Undergraduate, Atatürk Üniversitesi, Fen Edebiyat Fakültesi, Fizik, Turkey 2000 - 2005

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

IT, İstanbul Medeniyet Üniversitesi, Fen Fakültesi, 2012

Other, TÜBİTAK Proje Eğitimi, İstanbul Medeniyet Üniversitesi, 2012

Foreign Language, ELS, English Course, 2005

Research Areas

Physics, Surfaces, Interfaces, Thin Films and Nanosystems, Magnetic Properties and Materials, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, İstanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Engineering Physics, 2019 - Continues

Lecturer, İstanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Engineering Physics, 2012 - 2019

Other, Columbia University, Applied Physics And Applied Mathematics, Materials Science And Engineering, 2013 - 2014

Courses

X Işımları, Undergraduate, 2020 - 2021

Introduction to nanotechnology, Undergraduate, 2020 - 2021

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Synthesis of Dy-Y co-substituted manganese-zinc spinel nanoferrites induced anti-bacterial and anti-cancer activities: Comparison between sonochemical and sol-gel auto-combustion methods**
Almessiere M. A. , Slimani Y., Rehman S., Khan F. A. , Polat E., Sadaqat A., Shirsath S. E. , Baykal A.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.116, 2020 (Journal Indexed in SCI)
- II. **Investigation of ferromagnetic resonance and damping properties of CoFeB**
POLAT E. G. , Deger C., Yildiz F.
CURRENT APPLIED PHYSICS, vol.19, no.5, pp.614-620, 2019 (Journal Indexed in SCI)
- III. **Viewing the Emphasis on State-of-the-Art Magnetic Nanoparticles: Synthesis, Physical Properties, and Applications in Cancer Theranostics**
Kaliyurthi S., Demir-Korkmaz A., Selvaraj G., Gokce-Polat E. G. , Wei Y., Almessiere M. A. , Baykal A., Gu K., Wei D.
CURRENT PHARMACEUTICAL DESIGN, vol.25, no.13, pp.1505-1523, 2019 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Examination of Surface Anisotropy in Ferromagnetic Resonance Measurement**
POLAT E. G. , Li Y., Cao W., Bailey W.
10th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 17 June 2014, pp.126

Supported Projects

TÜRÜT A., BAŞARAN E., TÜRKAN M., KAVAS H., KURT H., DEMİR A., ŞENGEZ B., SAĞIR F., KOYTAK Z. N. , KECECİ K., et al,
Project Supported by Higher Education Institutions, Uluslararası Yariletken Bilimi ve Teknoloji Konferansı (International Semiconductor Science and Technology Conference), 2013 - 2014

Edit Congress and Symposium Activities

12th Nanoscience and Nanotechnology Conference, Attendee, İstanbul, Turkey, 2016
10th Nanoscience and Nanotechnology Conference, Attendee, İstanbul, Turkey, 2014

Citations

Total Citations (WOS):21
h-index (WOS):2