

## **Prof. Dr. MÜRSEL ALPER**

### **Kişisel Bilgiler**

**E-posta:** malper@uludag.edu.tr  
**Web:** <https://avesis.uludag.edu.tr/malper>

### **Uluslararası Araştırmacı ID'leri**

ORCID: 0000-0001-8220-6851  
Publons / Web Of Science ResearcherID: AAG-8795-2021  
ScopusID: 7005719283  
Yoksis Araştırmacı ID: 5026

### **Eğitim Bilgileri**

Doktora, University of Bristol, Physics, Birleşik Krallık 1991 - 1995  
Yüksek Lisans, Bursa Uludağ Üniversitesi, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (YI) (Tezli), Türkiye 1985 - 1987  
Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Türkiye 1976 - 1982

### **Yabancı Diller**

İngilizce, C1 İleri

### **Araştırma Alanları**

Temel Bilimler, Mühendislik ve Teknoloji

### **Akademik Unvanlar / Görevler**

Prof. Dr., Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2007 - Devam Ediyor  
Doç. Dr., Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1999 - 2007  
Yrd. Doç. Dr., Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1996 - 1999  
Öğretim Görevlisi, Bursa Uludağ Üniversitesi, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1995 - 1996

### **Yönetilen Tezler**

ALPER M., Nikel-oksit yapıların büyütülmesi ve kapasitif davranışlarının incelenmesi, Yüksek Lisans, M.Durmuş(Öğrenci), 2019  
ALPER M., NiCr ince filmlerin elektrokimyasal yöntemle üretilmesi ve özelliklerinin araştırılması, Yüksek Lisans, Z.Gültekin(Öğrenci), 2019  
ALPER M., Ppy-co ve ppy-coni malzemelerin elektrodepozisyonla üretilmesi ve manyetik özelliklerinin incelenmesi, Yüksek Lisans, D.Vatansever(Öğrenci), 2017  
ALPER M., CoNi/Cu süperörgülerinin elektrodepozisyonu ve magnetorezistans özellikleri, Yüksek Lisans, E.Şentürk(Öğrenci), 2011  
ALPER M., Co/Cu süperörgülerin elektrokimyasal olarak üretilmesi ve yapısal ve manyetik özelliklerinin incelenmesi,

Doktora, M.Şafak(Öğrenci), 2010

ALPER M., Co/Cu çok katmanlı nanoyapılar üzerine Fe içeriğinin etkisi, Yüksek Lisans, A.Tekgül(Öğrenci), 2010

ALPER M., CoFeNi/Cu süperörgülerin özelliklerinin Ni içeriğine bağlı olarak incelenmesi, Yüksek Lisans,

S.Kalsen(Öğrenci), 2010

ALPER M., Co-Cu合金薄膜的電極位置和性質研究, Yüksek Lisans, M.Şafak(Öğrenci), 2005

ALPER M., Katmanlı Ni/Cu nanoyapıların karakterizasyonları, Yüksek Lisans, A.Elif(Öğrenci), 2004

ALPER M., Magnetik süperörgülerin yapısal incelemeleri, Yüksek Lisans, F.Şener(Öğrenci), 2001

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Polypyrrole-oxalate and polypyrrole-sulfate electrodes for supercapacitor applications**  
Haciismailoglu M., Vatansever D., Alper M.  
CHEMICAL PAPERS, cilt.78, ss.3315-3329, 2024 (SCI-Expanded)
- II. **Synthesis of Di- and Tricationic Surfactants and Comparison of Their Activity on Oxidation of Metal in HCl Media**  
ÖZTÜRK S., GÜLTEKİN Z., Gültekin N., Akgül G., ALPER M.  
Protection of Metals and Physical Chemistry of Surfaces, cilt.59, sa.5, ss.998-1009, 2023 (SCI-Expanded)
- III. **Effect of deposition potential and saccharin addition on structural, magnetic and magnetoresistance characteristics of NiCoFeCu films**  
KURU H., KÖÇKAR H., ALPER M.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.78, sa.10, ss.927-937, 2023 (SCI-Expanded)
- IV. **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, cilt.143, sa.3, ss.262-269, 2023 (SCI-Expanded)
- V. **Electrical and optical properties of Schottky diodes fabricated by electrodeposition of Ni films on n-GaAs**  
HACIİŞMAİLOĞLU M. C., AHMETOĞLU M., ŞAFAK HACIİŞMAİLOĞLU M., ALPER M., Batmaz T.  
Sensors and Actuators A: Physical, cilt.347, 2022 (SCI-Expanded)
- VI. **Optical design of light guide prisms with surface roughness for automotive tail lights**  
Guney E., ALPER M., Haciismailoglu M.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, cilt.234, sa.9, ss.2393-2401, 2020 (SCI-Expanded)
- VII. **Effect of NiFe layer thickness on properties of NiFe/Cu superlattices electrodeposited on titanium substrate**  
KURU H., Aytekin N. C., KÖÇKAR H., Haciismailoglu M., ALPER M.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.30, sa.19, ss.17879-17889, 2019 (SCI-Expanded)
- VIII. **Optimization of Fe content in Electrodeposited FeCoCu/Cu magnetic multilayer**  
Tekgül A., KÖÇKAR H., ALPER M.  
THIN SOLID FILMS, cilt.673, ss.7-13, 2019 (SCI-Expanded)
- IX. **Electrochemical, Structural and Magnetic Analysis of Electrodeposited CoCu/Cu Multilayers: Influence of Cu Layer Deposition Potential**  
Tekgül A., KÖÇKAR H., KURU H., ALPER M., ÜNLÜ C. G.  
JOURNAL OF ELECTRONIC MATERIALS, cilt.47, sa.3, ss.1896-1903, 2018 (SCI-Expanded)
- X. **Electrochemical Deposition of CoCu/Cu Multilayers: Structural and Magnetic Properties as a Function of Non-magnetic Layer Thickness**  
Tekgül A., KÖÇKAR H., KURU H., ALPER M.

- ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.73, sa.2, ss.127-133, 2018 (SCI-Expanded)
- XI. **Giant magnetoresistance (GMR) behavior of electrodeposited NiFe/Cu multilayers: Dependence of non-magnetic and magnetic layer thicknesses**  
KURU H., KÖÇKAR H., ALPER M.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.444, ss.132-139, 2017 (SCI-Expanded)
- XII. **2D Magnetic Texture Analysis of Co-Cu Films**  
BAYIRLI M., KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.  
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.72, sa.5, ss.449-455, 2017 (SCI-Expanded)
- XIII. **Facile electrodeposition CoCu/Cu multilayers: deposition potentials for magnetic layers**  
Tekgul A., ALPER M., KÖÇKAR H., KURU H.  
JOURNAL OF MATERIALS SCIENCE, cilt.52, sa.6, ss.3368-3374, 2017 (SCI-Expanded)
- XIV. **Simple electrodepositing of CoFe/Cu multilayers: Effect of ferromagnetic layer thicknesses**  
Tekgul A., ALPER M., KÖÇKAR H.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.421, ss.472-476, 2017 (SCI-Expanded)
- XV. **Magnetoresistance behaviour in CoFe/Cu multilayers: thin Cu layer effect**  
Tekgul A., ALPER M., KÖÇKAR H.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.27, sa.10, ss.10059-10064, 2016 (SCI-Expanded)
- XVI. **Scanning of nickel sulfamate concentration in electrodeposition bath used for production of Ni-Co alloys**  
KARPUZ A., KÖÇKAR H., ALPER M.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.9, ss.3376-3381, 2013 (SCI-Expanded)
- XVII. **Influence of deposition potential on the electrodeposited Ternary CoFeCu films**  
KÖÇKAR H., Ozergin E., KARAAĞAÇ Ö., ALPER M.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.7, ss.2562-2567, 2013 (SCI-Expanded)
- XVIII. **Differences observed in properties of ternary NiCoFe films electrodeposited at low and high pH**  
KÖÇKAR H., Demirbas O., KURU H., ALPER M.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.24, sa.6, ss.1961-1965, 2013 (SCI-Expanded)
- XIX. **Properties of Electrodeposited CoFeNi/Cu Superlattices: The Effect of CoFeNi and Cu Layers Thicknesses**  
Kalsen S., ALPER M., KÖÇKAR H., Haciismailoglu M., KARAAĞAÇ Ö., KURU H.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.4, ss.813-817, 2013 (SCI-Expanded)
- XX. **Characterizations of NiCu/Cu Multilayers: Dependence of Nonmagnetic Layer Thickness**  
KURU H., KÖÇKAR H., ALPER M.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.4, ss.779-784, 2013 (SCI-Expanded)
- XXI. **Electrodeposited Co-Ni Films: Electrolyte pH-Property Relationships**  
Karpuz A., KÖÇKAR H., ALPER M.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.3, ss.651-655, 2013 (SCI-Expanded)
- XXII. **Effect of Co and Cu Layer Thicknesses on Characterization of Electrodeposited Co/Cu Multilayers**  
Haciismailoglu M., ALPER M., KÖÇKAR H.  
SENSOR LETTERS, cilt.11, sa.1, ss.106-109, 2013 (SCI-Expanded)
- XXIII. **Surface Morphology, Structural and Magnetic Properties of Electrodeposited NiFeCu/Cu Films**  
BAYKUL M. C., Sarac U., ALPER M.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.25, sa.8, ss.2585-2589, 2012 (SCI-Expanded)
- XXIV. **Influence of Co:Cu ratio on properties of Co-Cu films deposited at different conditions**  
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M., Haciismailoglu M.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.324, sa.22, ss.3834-3838, 2012 (SCI-Expanded)
- XXV. **Effect of film thickness on properties of electrodeposited Ni-Co films**  
Karpuz A., KÖÇKAR H., ALPER M.

- APPLIED SURFACE SCIENCE, cilt.258, sa.12, ss.5046-5051, 2012 (SCI-Expanded)
- XXVI. **Electrodeposited Ni-Co films from electrolytes with different Co contents**  
Karpuz A., KÖÇKAR H., ALPER M., KARAAĞAÇ Ö., Haciismailoglu M.  
APPLIED SURFACE SCIENCE, cilt.258, sa.8, ss.4005-4010, 2012 (SCI-Expanded)
- XXVII. **The electrical characterization of electrodeposited Ni thin film on silicon: Schottky Barrier diodes**  
AHMETOĞLU M., Tekgul A., ALPER M., Kucur B.  
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, cilt.6, ss.304-306, 2012 (SCI-Expanded)
- XXVIII. **Effect of electrolyte pH and Cu concentration on microstructure of electrodeposited Ni-Cu alloy films**  
Haciismailoglu M., ALPER M.  
SURFACE & COATINGS TECHNOLOGY, cilt.206, sa.6, ss.1430-1438, 2011 (SCI-Expanded)
- XXIX. **The effect of different chemical compositions caused by the variation of deposition potential on properties of Ni-Co films**  
Karpuz A., KÖÇKAR H., ALPER M.  
APPLIED SURFACE SCIENCE, cilt.257, sa.8, ss.3632-3635, 2011 (SCI-Expanded)
- XXX. **Electrodeposited Cobalt Films: Alteration Caused by the Electrolyte pH**  
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.  
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.24, ss.801-804, 2011 (SCI-Expanded)
- XXXI. **Composition Dependence of Structural and Magnetic Properties of Electrodeposited Co-Cu Films**  
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.  
IEEE TRANSACTIONS ON MAGNETICS, cilt.46, sa.12, ss.3973-3977, 2010 (SCI-Expanded)
- XXXII. **The Effect of Fe Content in Electrodeposited CoFe/Cu Multilayers on Structural, Magnetic and Magnetoresistance Characterizations**  
Tekgul A., ALPER M., KÖÇKAR H., ŞAFAK HACİİSMAİLOĞLU M., KARAAĞAÇ Ö.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, cilt.10, sa.11, ss.7783-7786, 2010 (SCI-Expanded)
- XXXIII. **Co-Fe Films: Effect of Fe Content on Their Properties**  
KÖÇKAR H., ALPER M., Sahin T., Haciismailoglu M. S.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, cilt.10, sa.11, ss.7639-7642, 2010 (SCI-Expanded)
- XXXIV. **Contribution of electrolyte pH and deposition potentials to the magnetic anisotropy of electrodeposited nickel films**  
KÖÇKAR H., ALPER M., KARAAĞAÇ Ö., NAKİBOĞLU N., BAYKUL M. C.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.322, ss.1088-1091, 2010 (SCI-Expanded)
- XXXV. **Characterisations of CoCu films electrodeposited at different cathode potentials**  
KARAAĞAÇ Ö., ALPER M., KÖÇKAR H.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.322, ss.1098-1101, 2010 (SCI-Expanded)
- XXXVI. **Role of electrolyte pH on structural and magnetic properties of Co-Fe films**  
KÖÇKAR H., ALPER M., Sahin T., KARAAĞAÇ Ö.  
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.322, ss.1095-1097, 2010 (SCI-Expanded)
- XXXVII. **Determination of Texture Orientation Related Magnetic Properties of Nickel-Cobalt Films**  
BAYIRLI M., KÖÇKAR H., ALPER M., Cokturen E.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.65, sa.4, ss.342-346, 2010 (SCI-Expanded)
- XXXVIII. **Properties of Co-Fe Films: Dependence of Cathode Potentials**  
ALPER M., KÖÇKAR H., Sahin T., KARAAĞAÇ Ö.  
IEEE TRANSACTIONS ON MAGNETICS, cilt.46, sa.2, ss.390-392, 2010 (SCI-Expanded)
- XXXIX. **A new example of the diffusion-limited aggregation: Ni-Cu film patterns**  
KÖÇKAR H., BAYIRLI M., ALPER M.  
APPLIED SURFACE SCIENCE, cilt.256, sa.9, ss.2995-2999, 2010 (SCI-Expanded)
- XL. **Electrochemical production of Fe-Cu films: determination of the deposition potentials and their effect on microstructural and magnetic properties**

- Karpuz A., KÖÇKAR H., ALPER M.  
 EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, cilt.48, sa.3, 2009 (SCI-Expanded)
- XLI. Influence of Deposition Parameters of Novel Vacuum Coating Plant on Evaporated Ni<sub>60</sub>Fe<sub>40</sub> and Ni<sub>80</sub>Fe<sub>20</sub> Films**  
 KÖÇKAR H., Williams P. I., ALPER M., KARAAĞAÇ Ö., Meydan T.  
 SENSOR LETTERS, cilt.7, sa.3, ss.220-223, 2009 (SCI-Expanded)
- XLII. The Role of Cu Content on Properties of Electrodeposited Fe-Cu Films**  
 Karpuz A., ALPER M., KÖÇKAR H.  
 SENSOR LETTERS, cilt.7, sa.3, ss.255-258, 2009 (SCI-Expanded)
- XLIII. Electrical properties of n-Si /Cu Schottky diodes formed by electrodeposition**  
 AHMETOĞLU M., ALPER M., Safak M., Erturk K., Gurpinar B., KOÇAK F., HACİİSMAİLOĞLU M. C.  
 Journal of Optoelectronics and Advanced Materials, cilt.9, sa.4, ss.818-821, 2007 (SCI-Expanded)
- XLIV. Magnetic anisotropy and its thickness dependence for NiFe alloy films electrodeposited on polycrystalline Cu substrates**  
 KÖÇKAR H., ALPER M., KURU H., Meydan T.  
 JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.304, sa.2, 2006 (SCI-Expanded)

### Düger Dergilerde Yayınlanan Makaleler

- I. Production of ZnO thin films used in solar cell with a sol-gel homemade dip coater technique and investigated of their structural, morphological and optical properties  
 GÜLTEKİN Z., AKAY C., Gültekin N., ALPER M.  
 Eurasian Journal of Physics and Functional Materials, cilt.7, sa.4, ss.213-220, 2023 (Scopus)
- II. Design and Construction of Home-Made Spin Coater for OLED Production  
 Gültekin Z., Alper M., Akay C., Haciismailoglu M. C.  
 International Journal of Electronics and Device Physics, cilt.5, sa.1, ss.0-11, 2021 (Hakemli Dergi)
- III. PROJECTION OF SCIENCES ONTO TEXTILE AND FASHION:NANO-TECHNOLOGY AND CHARGEABLE FABRIC EXAMPLE - PART II  
 iyidoğan d., akdemir ö., jitka e., kaplan g., çavuş m. b., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., çobanoğlu ö.  
 Tekstil ve Mühendis, cilt.26, sa.113, ss.71-80, 2019 (Scopus)

### Kitap & Kitap Bölümleri

- I. position of Multilayered Nanostructures  
 ALPER M.  
 Nanostructured Magnetic Materials and Their Applications, Donglu Shi, Bekir Aktas, Ladislav Pust, Faik Mikailov, Editör, Springer Berlin Heidelberg, ss.111-128, 2002

### Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Electrodeposition of p-type Copper-oxide films from an alkaline solution  
 SUBAŞI E., HACİİSMAİLOĞLU M. C., ŞAFAK HACİİSMAİLOĞLU M., ALPER M.  
 8th International conference on materials science and nanotechnology for next generation (MSNG2021), Elazığ, Türkiye, 14 Temmuz 2021
- II. Structural properties of silicon nanowires produced by metal-assisted chemical etching method  
 Bozdoğan E., HACİİSMAİLOĞLU M. C., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., Erdoğan N.  
 8th International conference on materials science and nanotechnology for next generation (MSNG2021), Elazığ, Türkiye, 14 Temmuz 2021, ss.57

- III. THE ELECTRICAL AND OPTICAL CHARACTERIZATION OF ELECTRODEPOSITED Ni /n-GaAs SCHOTTKY BARRIER DIODES**  
Batmaz T., Kirezli B., Şafak Hacısmaçlıoğlu M., Alper M., Ahmetoğlu M.  
rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Türkiye, 20 - 22 Eylül 2018
- IV. Electrodeposition of CoNi-polypyrrole composite films and their magnetic properties**  
VATANSEVER D., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., ŞARLAR K., KÜÇÜK İ.  
5th International conference on materials science and nanotechnology for next generation (MSNG2018, 4 - 06 Ekim 2018
- V. The role of polypyrrole layer on titanium substrate for electrodeposition of cobalt**  
VATANSEVER D., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KURU H., KÖÇKAR H.  
5th International conference on materials science and nanotechnology for next generation (MSNG2018, 4 - 06 Ekim 2018
- VI. Electrochemical deposition of Cobalt-Polypyrole composite films by changing Cobalt deposition potential**  
Vatansever D., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.  
Turkish Physical Society 34th International Physics Congress, Bodrum, Türkiye, 5 - 09 Eylül 2018
- VII. Electrochemical deposition of Cobalt-Polypyrole composite films by changing Cobalt deposition potential**  
ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.  
34th Turkish Physical Society International Physical Conference, 5 - 09 Eylül 2018
- VIII. Structural, Magnetic and Magnetoresistance Properties of NiFe/Cu Superlattices Electrodeposited on Titanium Substrate Depending on Ni Fe Layer Thickness**  
KURU H., Aytekin N., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.  
Joint European Magnetic Symposia, JEMS'09, 3 - 07 Eylül 2018
- IX. Electrochemical deposition of CoNi-PPy composite structures by changing Co concentration**  
ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.  
12th International Workshop On Electrodeposited Nanostructures, 16 - 18 Mart 2017
- X. THE IMPACT of MAGNETIC LAYER DEPOSITION POTENTIAL OF THE ELECTRODEPOSITED COCU/MULTILAYERS**  
TEKGÜL A., KÖÇKAR H., KURU H., ALPER M.  
TFD 33. uluslararası Fizik Kongresi, 6 - 10 Eylül 2017
- XI. Electrochemical deposition of CoNi-PPy composite structures by changing Co concentration**  
Vatansever D., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.  
12th International Workshop onElectrodeposited Nanostrures, Sofya, Bulgaristan, 16 - 18 Mart 2017
- XII. Structural and optical properties of electrodeposited NiO thin films**  
Epiri Ç., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., HACİİSMAİLOĞLU M. C.  
12th INTERNATIONAL WORKSHOPON ELECTRODEPOSITED NANOSTRUCTURES, Sofija, Bulgaristan, 16 - 18 Mart 2017
- XIII. Otomotiv Dış Aydınlatma Sistemleri İçin Işık Tüplerinin Optik Tasarımı ve Prototip İmalatı**  
ŞENTÜRK GÜNEY E., ALPER M., ŞAFAK HACİİSMAİLOĞLU M., İŞIK M., TURŞUCULAR E.  
10.ULUSALAYDINLATMAKONGRESİ, Türkiye, 16 - 18 Nisan 2015
- XIV. Elektrodepozisyon ile Üretilen NiO İnce Filmlerin Yapısal ve Optik Karakterizasyonu Otomotiv Dış Aydınlatmada İnce Film Uygulaması**  
TÜRE Ç., ŞAFAK HACİİSMAİLOĞLU M., ALPER M.  
10.ULUSALAYDINLATMAKONGRESİ, Türkiye, 16 - 18 Nisan 2015
- XV. The effect of magnetic layer thickness on electrodeposited CoFe Cu multilayers GMRoscillations**  
TEKGÜL A., ALPER M., KÖÇKAR H.  
9th International Conference on Magneticand Superconducting Materials, 30 Nisan - 03 Mayıs 2015
- XVI. GMR oscillations in electrodeposited CoFe Cu multilayers Influence of Cu layer thickness**  
TEKGÜL A., ALPER M., KÖÇKAR H.

- 9th International Conference on Magneticand Superconducting Materials, 30 Nisan - 03 Mayıs 2015
- XVII. **Electrodeposition And Characterization Of Cocu cu Multilayers**  
ŞAFAK HACİSMAİLOĞLU M., ALPER M., KÖÇKAR H.  
5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), 16 - 19 Nisan 2015
- XVIII. **Deposition parameters dependence of properties of Co Mn electrodeposition films**  
KARPUZ A., KÖÇKAR H., ALPER M., KARAAĞAÇ Ö., ŞAFAK HACİSMAİLOĞLU M.  
9th international conferences on material science and enginering, 5 - 07 Mart 2015
- XIX. **Gazlı' Saya~lann Bir Benzeri Olarak Avalanche Fotodiyotlar**  
Tapan İ., AKAY C., ALPER M.  
TFD 18. Fizik Kongresi, Adana, Türkiye, 25 Ekim 1999 - 28 Ekim 2010
- XX. **Nötron Akısı Altında Avalanche Fotodiyot Karakteristiklerinin Değişimlerinin İncelenmesi**  
Tapan İ., AKAY C., ALPER M.  
TFD 17. Fizik Kongresi, Antalya, Türkiye, 27 - 31 Ekim 1998

## Desteklenen Projeler

Tapan İ., Alper M., TÜBİTAK Projesi, Electrodeposition of Nanostructured Materials and Their Magnetotransport Characterization, 2005 - 2006

## Bilimsel Hakemlikler

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, SCI Kapsamındaki Dergi, Haziran 2021

## Metrikler

Yayın: 87  
Atıf (WoS): 749  
Atıf (Scopus): 740  
H-İndeks (WoS): 16  
H-İndeks (Scopus): 16

## Akademi Dışı Deneyim

Macaristan Bilimler Akademisi-Araştırma Laboratuvarı  
University of Bristol  
University of Bristol