

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 alaşım filmlerinin elektrodepozisyonu ve özelliklerinin incelenmesi, 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**
Hacıismailoğlu M., Vatansever D., Alper M.
CHEMICAL PAPERS, cilt.78, ss.3315-3329, 2024 (SCI-Expanded)
- II. **Binary potential loop electrodeposition and corrosion resistance of Cr coatings**
Kus E., ŞAFAK HACIİSMAİLOĞLU M., ALPER M.
Journal of Applied Electrochemistry, 2024 (SCI-Expanded)
- III. **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)
- IV. **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)
- V. **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)
- VI. **Electrical and optical properties of Schottky diodes fabricated by electrodeposition of Ni films on n-GaAs**
HACIİSMAİLOĞLU M. C., AHMETOĞLU M., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., Batmaz T.
Sensors and Actuators A: Physical, cilt.347, 2022 (SCI-Expanded)
- VII. **Optical design of light guide prisms with surface roughness for automotive tail lights**
Guney E., ALPER M., Hacıismailoğlu M.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, sa.9, ss.2393-2401, 2020 (SCI-Expanded)
- VIII. **Effect of NiFe layer thickness on properties of NiFe/Cu superlattices electrodeposited on titanium substrate**
KURU H., Aytakin N. C., KÖÇKAR H., Hacıismailoğlu M., ALPER M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, sa.19, ss.17879-17889, 2019 (SCI-Expanded)
- IX. **Optimization of Fe content in Electrodeposited FeCoCu/Cu magnetic multilayer**
Tekgul A., KÖÇKAR H., ALPER M.
THIN SOLID FILMS, cilt.673, ss.7-13, 2019 (SCI-Expanded)
- X. **Electrochemical, Structural and Magnetic Analysis of Electrodeposited CoCu/Cu Multilayers: Influence of Cu Layer Deposition Potential**
Tekgul A., KÖÇKAR H., KURU H., ALPER M., ÜNLÜ C. G.
JOURNAL OF ELECTRONIC MATERIALS, cilt.47, sa.3, ss.1896-1903, 2018 (SCI-Expanded)
- XI. **Electrochemical Deposition of CoCu/Cu Multilayers: Structural and Magnetic Properties as a**

Function of Non-magnetic Layer Thickness

Tekgul A., KÖÇKAR H., KURU H., ALPER M.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, cilt.73, sa.2, ss.127-133, 2018 (SCI-Expanded)

- XII. **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)
- XIII. **2D Magnetic Texture Analysis of Co-Cu Films**
BAYIRLI M., KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.
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- XIV. **Facile electrodeposition CoCu/Cu multilayers: deposition potentials for magnetic layers**
Tekgul A., ALPER M., KÖÇKAR H., KURU H.
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- XV. **Simple electrodepositing of CoFe/Cu multilayers: Effect of ferromagnetic layer thicknesses**
Tekgul A., ALPER M., KÖÇKAR H.
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- XVI. **Magnetoresistance behaviour in CoFe/Cu multilayers: thin Cu layer effect**
Tekgul A., ALPER M., KÖÇKAR H.
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- XVII. **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)
- XVIII. **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)
- XIX. **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)
- 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. **Properties of Electrodeposited CoFeNi/Cu Superlattices: The Effect of CoFeNi and Cu Layers Thicknesses**
Kalsen S., ALPER M., KÖÇKAR H., Hacıismailoglu M., KARAAĞAÇ Ö., KURU H.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, sa.4, ss.813-817, 2013 (SCI-Expanded)
- XXII. **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)
- XXIII. **Effect of Co and Cu Layer Thicknesses on Characterization of Electrodeposited Co/Cu Multilayers**
Hacıismailoglu M., ALPER M., KÖÇKAR H.
SENSOR LETTERS, sa.1, ss.106-109, 2013 (SCI-Expanded)
- XXIV. **Surface Morphology, Structural and Magnetic Properties of Electrodeposited NiFeCu/Cu Films**
BAYKUL M. C., Sarac U., ALPER M.
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- XXV. **Influence of Co:Cu ratio on properties of Co-Cu films deposited at different conditions**
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M., Hacıismailoglu M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, sa.22, ss.3834-3838, 2012 (SCI-Expanded)

- XXVI. **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)
- XXVII. **Electrodeposited Ni-Co films from electrolytes with different Co contents**
Karpuz A., KÖÇKAR H., ALPER M., KARAAĞAÇ Ö., Hacıismailoglu M.
APPLIED SURFACE SCIENCE, sa.8, ss.4005-4010, 2012 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Effect of electrolyte pH and Cu concentration on microstructure of electrodeposited Ni-Cu alloy films**
Hacıismailoglu M., ALPER M.
SURFACE & COATINGS TECHNOLOGY, sa.6, ss.1430-1438, 2011 (SCI-Expanded)
- XXX. **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)
- XXXI. **Electrodeposited Cobalt Films: Alteration Caused by the Electrolyte pH**
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.
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- XXXII. **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)
- XXXIII. **Co-Fe Films: Effect of Fe Content on Their Properties**
KÖÇKAR H., ALPER M., Sahin T., Hacıismailoglu M.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, sa.11, ss.7639-7642, 2010 (SCI-Expanded)
- XXXIV. **The Effect of Fe Content in Electrodeposited CoFe/Cu Multilayers on Structural, Magnetic and Magnetoresistance Characterizations**
Tekgul A., ALPER M., KÖÇKAR H., ŞAFAK Hacıismailoğlu M., KARAAĞAÇ Ö.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, cilt.10, sa.11, ss.7783-7786, 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. **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)
- XXXVII. **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)
- XXXVIII. **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)
- 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. **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)

- XLI. 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)
- XLII. Influence of Deposition Parameters of Novel Vacuum Coating Plant on Evaporated Ni₆₀Fe₄₀ and Ni₈₀Fe₂₀ Films**
KÖÇKAR H., Williams P. I., ALPER M., KARAAĞAÇ Ö., Meydan T.
SENSOR LETTERS, cilt.7, sa.3, ss.220-223, 2009 (SCI-Expanded)
- XLIII. 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)
- XLIV. Electrical properties of n-Si /Cu Schottky diodes formed by electrodeposition**
AHMETOĞLU M., ALPER M., Safak M., Erturk K., Gurpınar B., KOÇAK F., HACİSMAİLOĞLU M. C.
Journal of Optoelectronics and Advanced Materials, cilt.9, sa.4, ss.818-821, 2007 (SCI-Expanded)
- XLV. 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)

Diğer 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., Hacismailoğlu 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., jıtka e., kaplan g., çavuş m. b., ŞAFAK HACİSMAİLOĞLU 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., HACİSMAİLOĞLU M. C., ŞAFAK HACİSMAİLOĞLU 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., HACİSMAİLOĞLU M. C., ŞAFAK HACİSMAİLOĞLU 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. **Polypyrrole thin films for supercapacitor applications**
VATANSEVER D., ŞAFAK HACİİSMAİLOĞLU M., ALPER M.
8th International conference on materials science and nanotechnology for next generation (MSNG2021), Nevşehir, Türkiye, 14 Temmuz 2021
- IV. **THE ELECTRICAL AND OPTICAL CHARACTERIZATION OF ELECTRODEPOSITED Ni /n-GaAs SCHOTTKY BARRIER DIODES**
Batmaz T., Kirezli B., Şafak Hacıismailoğlu M., Alper M., Ahmetoğlu M.
rd International Conference on Organic Electronic Material Technologies (OEMT2018), Kırklareli, Türkiye, 20 - 22 Eylül 2018
- V. **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
- VI. **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
- VII. **Electrochemical deposition of Cobalt-Polypyrrole 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
- VIII. **Electrochemical deposition of Cobalt-Polypyrrole 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
- IX. **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
- X. **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
- XI. **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
- XII. **Electrochemical deposition of CoNi-PPy composite structures by changing Co concentration**
Vatansever D., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.
12th International Workshop on Electrodeposited Nanostructures, Sofya, Bulgaristan, 16 - 18 Mart 2017
- XIII. **Structural and optical properties of electrodeposited NiO thin films**
Epiri Ç., ŞAFAK HACİİSMAİLOĞLU M., ALPER M., HACİİSMAİLOĞLU M. C.
12th INTERNATIONAL WORKSHOP ON ELECTRODEPOSITED NANOSTRUCTURES, Sofija, Bulgaristan, 16 - 18 Mart 2017
- XIV. **Elektrodepozisyon İle Üretilen NiO İnce Filmlerin Yapısal ve Optik Karakterizasyonu Otomotiv Dış Aydınlatmada İnce Film Uygulaması**
TÜRE Ç., ŞAFAK HACİİSMAİLOĞLU M., ALPER M.
10. ULUSAL AYDINLATMA KONGRESİ, Türkiye, 16 - 18 Nisan 2015
- XV. **Otomotiv Dış Aydınlatma Sistemleri İçin Işık Tüplerinin Optik Tasarımı ve Prototip İmalatı**
ŞENTÜRK GÜNEY E., ALPER M., ŞAFAK HACİİSMAİLOĞLU M., İŞİK M., TURŞUCULAR E.

10.ULUSALAYDINLATMAKONGRESİ, Türkiye, 16 - 18 Nisan 2015

XVI. **GMR oscillations in electrodeposited CoFe Cu multilayers Influence of Cu layer thickness**
TEKGÜL A., ALPER M., KÖÇKAR H.

9th International Conference on Magnetic and Superconducting Materials, 30 Nisan - 03 Mayıs 2015

XVII. **The effect of magnetic layer thickness on electrodeposited CoFe Cu multilayers GMR oscillations**
TEKGÜL A., ALPER M., KÖÇKAR H.

9th International Conference on Magnetic and Superconducting Materials, 30 Nisan - 03 Mayıs 2015

XVIII. **Electrodeposition And Characterization Of CoCu Multilayers**

ŞAFAK HACİİSMAİLOĞLU M., ALPER M., KÖÇKAR H.

5th International Advances in Applied Physics and Materials Science Congress & Exhibition (APMAS2015), 16 - 19 Nisan 2015

XIX. **Deposition parameters dependence of properties of Co Mn electrodeposition films**

KARPUZ A., KÖÇKAR H., ALPER M., KARAAĞAÇ Ö., ŞAFAK HACİİSMAİLOĞLU M.

9th international conferences on material science and engineering, 5 - 07 Mart 2015

XX. **Gazlı' Savaş~lann Bir Benzeri Olarak Avalanche Fotodiyotlar**

Tapan İ., AKAY C., ALPER M.

TFD 18. Fizik Kongresi, Adana, Türkiye, 25 Ekim 1999 - 28 Ekim 2010

XXI. **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: 90

Atf (WoS): 765

Atf (Scopus): 771

H-İndeks (WoS): 16

H-İndeks (Scopus): 16

Akademi Dışı Deneyim

Macaristan Bilimler Akademisi-Araştırma Laboratuvarı

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