

Prof. MÜRSEL ALPER

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ScopusID: 7005719283

Yoksis Researcher ID: 5026

Education Information

Doctorate, University of Bristol, Physics, United Kingdom 1991 - 1995

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Fizik (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1976 - 1982

Foreign Languages

English, C1 Advanced

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2007 - Continues

Associate Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1999 - 2007

Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1996 - 1999

Lecturer, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 1995 - 1996

Advising Theses

ALPER M., Growth of nickel-oxide structures and investigation of capacitive behavior, Postgraduate, M.Durmuş(Student), 2019

ALPER M., Production of nigr thin films by electrochemical method and investigation of the properties, Postgraduate, Z.Gültekin(Student), 2019

ALPER M., Electrodeposition of PPy-co and PPy-coni materials and their magnetic properties, Postgraduate, D.Vatansever(Student), 2017

ALPER M., Electrodeposition and magnetoresistance properties of CoNi/Cu superlattices, Postgraduate, E.Şentürk(Student), 2011

ALPER M., Electro / chemical production of Co / Cu super-empires and investigation of their structural and magnetic

properties, Doctorate, M.Şafak(Student), 2010

ALPER M., The effect of Fe content on Co/Cu multilayers, Postgraduate, A.Tekgül(Student), 2010

ALPER M., Investigation of properties of CoFeNi/Cu superlattices depending on Ni content, Postgraduate, S.Kalsen(Student), 2010

ALPER M., Electrodeposition and characterisation of Co-Cu alloy films, Postgraduate, M.Şafak(Student), 2005

ALPER M., Characterisations of multilayered Ni/Cu nanostructures, Postgraduate, A.Elif(Student), 2004

ALPER M., Structural investigations of magnetic superlattices, Postgraduate, F.Şener(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optical design of light guide prisms with surface roughness for automotive tail lights**
Güney E., ALPER M., Hacıismailoğlu M.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART D-JOURNAL OF AUTOMOBILE ENGINEERING, no.9, pp.2393-2401, 2020 (SCI-Expanded)
- II. **Effect of NiFe layer thickness on properties of NiFe/Cu superlattices electrodeposited on titanium substrate**
KURU H., AYTEKİN N. C., KÖÇKAR H., Hacıismailoğlu M., ALPER M.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, no.19, pp.17879-17889, 2019 (SCI-Expanded)
- III. **Optimization of Fe content in Electrodeposited FeCoCu/Cu magnetic multilayer**
Tekgöl A., KÖÇKAR H., ALPER M.
THIN SOLID FILMS, vol.673, pp.7-13, 2019 (SCI-Expanded)
- IV. **Electrochemical, Structural and Magnetic Analysis of Electrodeposited CoCu/Cu Multilayers: Influence of Cu Layer Deposition Potential**
Tekgöl A., KÖÇKAR H., KURU H., ALPER M., ÜNLÜ C. G.
JOURNAL OF ELECTRONIC MATERIALS, vol.47, no.3, pp.1896-1903, 2018 (SCI-Expanded)
- V. **Electrochemical Deposition of CoCu/Cu Multilayers: Structural and Magnetic Properties as a Function of Non-magnetic Layer Thickness**
Tekgöl A., KÖÇKAR H., KURU H., ALPER M.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, vol.73, no.2, pp.127-133, 2018 (SCI-Expanded)
- VI. **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, vol.444, pp.132-139, 2017 (SCI-Expanded)
- VII. **2D Magnetic Texture Analysis of Co-Cu Films**
BAYIRLI M., KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES, vol.72, no.5, pp.449-455, 2017 (SCI-Expanded)
- VIII. **Facile electrodeposition CoCu/Cu multilayers: deposition potentials for magnetic layers**
Tekgöl A., ALPER M., KÖÇKAR H., KURU H.
JOURNAL OF MATERIALS SCIENCE, vol.52, no.6, pp.3368-3374, 2017 (SCI-Expanded)
- IX. **Simple electrodeposition of CoFe/Cu multilayers: Effect of ferromagnetic layer thicknesses**
Tekgöl A., ALPER M., KÖÇKAR H.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.421, pp.472-476, 2017 (SCI-Expanded)
- X. **Magnetoresistance behaviour in CoFe/Cu multilayers: thin Cu layer effect**
Tekgöl A., ALPER M., KÖÇKAR H.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.27, no.10, pp.10059-10064, 2016 (SCI-Expanded)
- XI. **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, vol.24, no.9, pp.3376-3381, 2013 (SCI-Expanded)
- XII. **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, vol.24, no.7, pp.2562-2567, 2013 (SCI-Expanded)
- XIII. **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, vol.24, no.6, pp.1961-1965, 2013 (SCI-Expanded)
- XIV. **Characterizations of NiCu/Cu Multilayers: Dependence of Nonmagnetic Layer Thickness**
KURU H., KÖÇKAR H., ALPER M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.4, pp.779-784, 2013 (SCI-Expanded)
- XV. **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, no.4, pp.813-817, 2013 (SCI-Expanded)
- XVI. **Electrodeposited Co-Ni Films: Electrolyte pH-Property Relationships**
Karpuz A., KÖÇKAR H., ALPER M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.3, pp.651-655, 2013 (SCI-Expanded)
- XVII. **Effect of Co and Cu Layer Thicknesses on Characterization of Electrodeposited Co/Cu Multilayers**
Hacıismailoglu M., ALPER M., KÖÇKAR H.
SENSOR LETTERS, no.1, pp.106-109, 2013 (SCI-Expanded)
- XVIII. **Surface Morphology, Structural and Magnetic Properties of Electrodeposited NiFeCu/Cu Films**
BAYKUL M. C., Sarac U., ALPER M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.25, no.8, pp.2585-2589, 2012 (SCI-Expanded)
- XIX. **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, no.22, pp.3834-3838, 2012 (SCI-Expanded)
- XX. **Effect of film thickness on properties of electrodeposited Ni-Co films**
Karpuz A., KÖÇKAR H., ALPER M.
APPLIED SURFACE SCIENCE, vol.258, no.12, pp.5046-5051, 2012 (SCI-Expanded)
- XXI. **Electrodeposited Ni-Co films from electrolytes with different Co contents**
Karpuz A., KÖÇKAR H., ALPER M., KARAAĞAÇ Ö., Hacıismailoglu M.
APPLIED SURFACE SCIENCE, no.8, pp.4005-4010, 2012 (SCI-Expanded)
- XXII. **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, vol.6, pp.304-306, 2012 (SCI-Expanded)
- XXIII. **Effect of electrolyte pH and Cu concentration on microstructure of electrodeposited Ni-Cu alloy films**
Hacıismailoglu M., ALPER M.
SURFACE & COATINGS TECHNOLOGY, no.6, pp.1430-1438, 2011 (SCI-Expanded)
- XXIV. **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, vol.257, no.8, pp.3632-3635, 2011 (SCI-Expanded)
- XXV. **Electrodeposited Cobalt Films: Alteration Caused by the Electrolyte pH**
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, pp.801-804, 2011 (SCI-Expanded)

- XXVI. **Composition Dependence of Structural and Magnetic Properties of Electrodeposited Co-Cu Films**
KARAAĞAÇ Ö., KÖÇKAR H., ALPER M.
IEEE TRANSACTIONS ON MAGNETICS, vol.46, no.12, pp.3973-3977, 2010 (SCI-Expanded)
- XXVII. **Co-Fe Films: Effect of Fe Content on Their Properties**
KÖÇKAR H., ALPER M., Sahin T., Hacıismailoğlu M.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, no.11, pp.7639-7642, 2010 (SCI-Expanded)
- XXVIII. **The Effect of Fe Content in Electrodeposited CoFe/Cu Multilayers on Structural, Magnetic and Magnetoresistance Characterizations**
Tekgul A., ALPER M., KÖÇKAR H., ŞAFAK HACIİSMAİLOĞLU M., KARAAĞAÇ Ö.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.10, no.11, pp.7783-7786, 2010 (SCI-Expanded)
- XXIX. **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, vol.322, pp.1088-1091, 2010 (SCI-Expanded)
- XXX. **Characterisations of CoCu films electrodeposited at different cathode potentials**
KARAAĞAÇ Ö., ALPER M., KÖÇKAR H.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.322, pp.1098-1101, 2010 (SCI-Expanded)
- XXXI. **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, vol.322, pp.1095-1097, 2010 (SCI-Expanded)
- XXXII. **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, vol.65, no.4, pp.342-346, 2010 (SCI-Expanded)
- XXXIII. **A new example of the diffusion-limited aggregation: Ni-Cu film patterns**
KÖÇKAR H., BAYIRLI M., ALPER M.
APPLIED SURFACE SCIENCE, vol.256, no.9, pp.2995-2999, 2010 (SCI-Expanded)
- XXXIV. **Properties of Co-Fe Films: Dependence of Cathode Potentials**
ALPER M., KÖÇKAR H., Sahin T., KARAAĞAÇ Ö.
IEEE TRANSACTIONS ON MAGNETICS, vol.46, no.2, pp.390-392, 2010 (SCI-Expanded)
- XXXV. **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, vol.48, no.3, 2009 (SCI-Expanded)
- XXXVI. **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, vol.7, no.3, pp.220-223, 2009 (SCI-Expanded)
- XXXVII. **The Role of Cu Content on Properties of Electrodeposited Fe-Cu Films**
Karpuz A., ALPER M., KÖÇKAR H.
SENSOR LETTERS, vol.7, no.3, pp.255-258, 2009 (SCI-Expanded)
- XXXVIII. **Comparison of Ni-Cu alloy films electrodeposited at low and high pH levels**
Alper M., KÖÇKAR H., Safak M., BAYKUL M. C.
JOURNAL OF ALLOYS AND COMPOUNDS, no.1-2, pp.15-19, 2008 (SCI-Expanded)
- XXXIX. **Electrical properties of n-Si /Cu Schottky diodes formed by electrodeposition**
AHMETOĞLU M., ALPER M., Safak M., Erturk K., GURPINAR B., KOÇAK F., HACIİSMAİLOĞLU M. C.
Journal of Optoelectronics and Advanced Materials, vol.9, no.4, pp.818-821, 2007 (SCI-Expanded)
- XL. **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, vol.304, no.2, 2006 (SCI-Expanded)

- XLII. Preparation and characterisation of electrodeposited Ni-Cu/Cu multilayers**
Alper M., Baykul M., Peter L., Toth J., Bakonyi I.
JOURNAL OF APPLIED ELECTROCHEMISTRY, no.8, pp.841-848, 2004 (SCI-Expanded)
- XLIII. The effect of pH changes on the giant magnetoresistance of electrodeposited superlattices**
ALPER M., Schwarzacher W., Lane S.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.144, no.7, pp.2346-2352, 1997 (SCI-Expanded)
- XLIV. MAGNETORESISTANCE IN ELECTRODEPOSITED NI-FE-CU/CU MULTILAYERS**
ATTENBOROUGH K., HART R., LANE S., ALPER M., SCHWARZACHER W.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.148, no.1-2, pp.335-336, 1995 (SCI-Expanded)
- XLV. GIANT MAGNETORESISTANCE IN ELECTRODEPOSITED CO-NI-CU/CU SUPERLATTICES**
ALPER M., ATTENBOROUGH K., BARYSHEV V., HART R., LASHMORE D., SCHWARZACHER W.
JOURNAL OF APPLIED PHYSICS, vol.75, no.10, pp.6543-6545, 1994 (SCI-Expanded)
- XLVI. GIANT MAGNETORESISTANCE IN ELECTRODEPOSITED SUPERLATTICES**
ALPER M., ATTENBOROUGH K., HART R., LANE S., LASHMORE D., YOUNES C., SCHWARZACHER W.
APPLIED PHYSICS LETTERS, vol.63, no.15, pp.2144-2146, 1993 (SCI-Expanded)
- XLVII. GROWTH AND CHARACTERIZATION OF ELECTRODEPOSITED CU/CU-NI-CO ALLOY SUPERLATTICES**
ALPER M., APLIN P., ATTENBOROUGH K., DINGLEY D., HART R., LANE S., LASHMORE D., SCHWARZACHER W.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.126, no.1-3, pp.8-11, 1993 (SCI-Expanded)

Articles Published in Other Journals

- I. Development of electrodeposited multilayer coatings: A review of fabrication, microstructure, properties and applications**
Aliofkhaezrai M., Walsh F. C., Zangari G., Kockar H., ALPER M., Rizal C., Magagnin L., Protsenko V., Arunachalam R., Rezvanian A., et al.
APPLIED SURFACE SCIENCE ADVANCES, vol.6, 2021 (ESCI)
- II. 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 HACİİSMAİLOĞLU M., ALPER M., çobanoğlu ö.
Tekstil ve Mühendis, vol.26, no.113, pp.71-80, 2019 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. Cr based coatings electrodeposited by binary potential loop and their corrosion behaviour**
Kuş E., HACİİSMAİLOĞLU M., ALPER M.
11th International Conference on Materials Science and Nanotechnology for Next Generation, Çanakkale, Turkey, 22 - 25 May 2024
- II. 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, Turkey, 14 July 2021
- III. 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, Turkey, 14 July 2021, pp.57
- IV. 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, Turkey, 14 July 2021

- V. **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, Turkey, 20 - 22 September 2018
- VI. **Electrodeposition of CoNi-polypyrrole composite films and their magnetic properties**
VATANSEVER D., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., ŞARLAR K., KÜÇÜK İ.
5th International conference on materials science and nanotechnology for next generation (MSNG2018, 4 - 06 October 2018
- VII. **The role of polypyrrole layer on titanium substrate for electrodeposition of cobalt**
VATANSEVER D., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KURU H., KÖÇKAR H.
5th International conference on materials science and nanotechnology for next generation (MSNG2018, 4 - 06 October 2018
- VIII. **Electrochemical deposition of Cobalt-Polypyrrole composite films by changing Cobalt deposition potential**
Vatansever D., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KÖÇKAR H.
Turkish Physical Society 34th International Physics Congress, Bodrum, Turkey, 5 - 09 September 2018
- IX. **Electrochemical deposition of Cobalt-Polypyrrole composite films by changing Cobalt deposition potential**
ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KÖÇKAR H.
34th Turkish Physical Society International Physical Conference, 5 - 09 September 2018
- X. **Structural, Magnetic and Magnetoresistance Properties of NiFe/Cu Superlattices Electrodeposited on Titanium Substrate Depending on Ni Fe Layer Thickness**
KURU H., Aytekin N., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KÖÇKAR H.
Joint European Magnetic Symposia, JEMS'09, 3 - 07 September 2018
- XI. **Electrochemical deposition of CoNi-PPy composite structures by changing Co concentration**
ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KÖÇKAR H.
12th International Workshop On Electrodeposited Nanostructures, 16 - 18 March 2017
- XII. **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 September 2017
- XIII. **Electrochemical deposition of CoNi-PPy composite structures by changing Co concentration**
Vatansever D., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., KÖÇKAR H.
12th International Workshop on Electrodeposited Nanostructures, Sofya, Bulgaria, 16 - 18 March 2017
- XIV. **Structural and optical properties of electrodeposited NiO thin films**
Epiri Ç., ŞAFAK HACIİSMAİLOĞLU M., ALPER M., HACIİSMAİLOĞLU M. C.
12th INTERNATIONAL WORKSHOP ON ELECTRODEPOSITED NANOSTRUCTURES, Sofija, Bulgaria, 16 - 18 March 2017
- XV. **Elektrodepozisyon İle Üretilen NiO İnce Filmlerin Yapısal ve Optik Karakterizasyonu Otomotiv Dış Aydınlatmada İnce Film Uygulaması**
TÜRE Ç., ŞAFAK HACIİSMAİLOĞLU M., ALPER M.
10.ULUSALAYDINLATMAKONGRESİ, Turkey, 16 - 18 April 2015
- XVI. **Otomotiv Dış Aydınlatma Sistemleri İçin Işık Tüplerinin Optik Tasarımı ve Prototip İmalatı**
ŞENTÜRK GÜNEY E., ALPER M., ŞAFAK HACIİSMAİLOĞLU M., IŞIK M., TURŞUCULAR E.
10.ULUSALAYDINLATMAKONGRESİ, Turkey, 16 - 18 April 2015
- XVII. **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 April - 03 May 2015
- XVIII. **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 April - 03 May 2015

XIX. Electrodeposition And Characterization Of Co Cu Multilayers

ŞAFAK HACİSMAİLOĞLU M., ALPER M., KÖÇKAR H.

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

XX. 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 engineering, 5 - 07 March 2015

XXI. Gazlı' Saya~lann Bir Benzeri Olarak Avalanche Fotodiyotlar

Tapan İ., AKAY C., ALPER M.

TFD 18. Fizik Kongresi, Adana, Turkey, 25 October 1999 - 28 October 2010

XXII. Nötron Akısı Altında Avalanche Fotodiyot Karakteristiklerinin Değişimlerinin İncelenmesi

Tapan İ., AKAY C., ALPER M.

TFD 17. Fizik Kongresi, Antalya, Turkey, 27 - 31 October 1998

Supported Projects

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

Scientific Refereeing

JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, SCI Journal, June 2021

Metrics

Publication: 100

Citation (WoS): 1272

Citation (Scopus): 1331

H-Index (WoS): 21

H-Index (Scopus): 22

Non Academic Experience

Macaristan Bilimler Akademisi-Araştırma Laboratuvarı

University of Bristol

University of Bristol