

Assoc. Prof. ERCÜMENT YÜZÜAK

Personal Information

Email: ercument.yuzuak@erdogan.edu.tr

Web: <https://avesis.erdogan.edu.tr/ercument.yuzuak>

Education Information

Post Doctorate, Universitaet Bielefeld, Fakultät Für Physik, Spintronik, Germany 2017 - 2018

Post Doctorate, Universitaet Bielefeld, Nanoelectronics, Nanoelectronics, Germany 2015 - 2016

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Fizik Müendisliği, Turkey 2008 - 2013

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Fizik Müendisliği, Turkey 2005 - 2007

Undergraduate, Ankara University, Mühendislik Fakültesi, Fizik Mühendisliği, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Elektron Mikroskobu SEM, Elektron Mikroskobu Birimi, 2007

Education Management and Planning, Rigaku Dmax2200, Rigaku Dmax2200 - Enstrümental Analiz Birimi, 2007

Education Management and Planning, Elektron Mikroskobu TEM, Zeiss, 2007

Dissertations

Doctorate, Çok tabakalı ince filmlerin yapısal, elektriksel, manyetik özelliklerinin incelenmesi ve spintroniğe uygulanması, Ankara University, Mühendislik Fakültesi, Fizik Mühendisliği, 2013

Postgraduate, Tb5Si2-xGe2-xT2x (T=Fe, Mn) alaşımlarının yapısal ve manyetik özelliklerinin incelenmesi, Ankara University, Mühendislik Fakültesi, Fizik Mühendisliği, 2008

Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Physical Properties, Thermal Treatment, Nanomaterials, Physics, Condensed Matter 1: Structural, Mechanical and Thermal Properties, Structure of Liquids and Solids; Crystallography, Thermal Properties of Condensed Matter, Surfaces, Interfaces, Thin Films and Nanosystems, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, 2020 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, Enerji Sistemleri Mühendisliği Bölümü,

2018 - 2020

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, Malzeme Bilimi Ve Nanoteknoloji Mühendisliği Blümü, 2013 - 2018

Expert, Ankara University, Mühendislik Fakültesi, Fizikmühendisliği, 2011 - 2013

Expert, Ankara University, Faculty Of Engineering, Department Of Physics Engineering, 2009 - 2012

Expert, Ankara University, Biyonanoteknoloji Enstitüsü, Enstrümantasyon Analiz Birimi, 2007 - 2009

Academic and Administrative Experience

Recep Tayyip Erdogan University, 2014 - 2014

Courses

Nanomanyetizmanın Temelleri , Postgraduate, 2016 - 2017, 2017 - 2018

Katların Manyetik Özellikleri, Postgraduate, 2017 - 2018

Ölçme ve Enstrümantasyon, Postgraduate, 2017 - 2018

Malzemelerin Elektronik ve Elektromanyetik Özellikleri, Postgraduate, 2016 - 2017

Ölçme ve Enstrümantasyon, Postgraduate, 2013 - 2014, 2015 - 2016

Ölçme ve Enstrümantasyon , Postgraduate, 2015 - 2016

Diferansiyel Denklemler, Undergraduate, 2015 - 2016

Spintronik, Postgraduate, 2015 - 2016

Statik, Undergraduate, 2015 - 2016

Ölçme ve Enstrümantasyon, Postgraduate, 2014 - 2015

İleri Malzeme Bilimi, Postgraduate, 2014 - 2015

Elektrokimyasal Enerji Dönüşümü ve Depolama, Postgraduate, 2013 - 2014

Uygulamalı Mühendislik Fiziği, Undergraduate, 2013 - 2014

Uygulamalı Mühendislik Fiziği, Undergraduate, 2013 - 2014

Advising Theses

Yüzüak E., Elektrospinning yöntemi ile elde edilen Fe, Ni Ve Co içeren nanofiberlerin yapısal ve manyetik özelliklerinin incelenmesi, Postgraduate, M.LUKUMCİ(Student), 2019

Jury Memberships

Post Graduate, TEZ SAVUNMASI JÜRİ ÜYESİ, Recep Tayyip Erdoğan Üniversitesi Fizik, July, 2014

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

- I. **Exploring the sputtering conditions in ZnO thin film for triboelectric nanogenerator electrode**
Yuzuak G. D. , Karagoz C., YÜZÜAK E.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, 2022 (Journal Indexed in SCI)
- II. **Enhancing the power factor of p-type BiSbTe films via deposited with/without Cr seed layer**
Yuzuak G. D. , Cicek M. M. , Elerman Y., YÜZÜAK E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.886, 2021 (Journal Indexed in SCI)
- III. **The magnetothermal characterization of Ni-Cu-Mn-Sn alloy**
YÜZÜAK E.

MATERIALS RESEARCH BULLETIN, vol.142, 2021 (Journal Indexed in SCI)

- IV. **Thickness induced magnetic anisotropic properties of Tb-Fe-Co thin films**
Yuzuak G. D. , YÜZÜAK E., Ennen I., Hutten A.
CURRENT APPLIED PHYSICS, vol.29, pp.33-38, 2021 (Journal Indexed in SCI)
- V. **Inverse Magnetocaloric Effect Related to the Magnetostructural Phase Transition in Quaternary Ni-Co-Mn-Al Alloy**
YÜZÜAK E., Yuzuak G. D. , Elerman Y.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, vol.52, pp.3661-3668, 2021 (Journal Indexed in SCI)
- VI. **The effect of heat treatment on the FeCo phase in Tb-Fe-Co thin films**
Yüzüak E., Yüzüak G., Hütten A.
Journal of Alloys and Compounds, vol.863, 2021 (Journal Indexed in SCI)
- VII. **Magnetocaloric effect of ball-milled CoMn_{0.95}V_{0.05}Ge nano-powders**
Yildirim O., YÜZÜAK E., Tozkoporan O., Dincer I., Duman E.
Journal of Magnetism and Magnetic Materials, vol.519, 2021 (Journal Indexed in SCI)
- VIII. **Magneto-Impedance in Co₃₅Fe₆₅/Cu/Co₃₅Fe₆₅ Single and Bi-layer Thin Films**
Yuzuak G. D. , Yuzuak E., Nevruzoglu V.
ELECTRONIC MATERIALS LETTERS, vol.16, no.5, pp.473-480, 2020 (Journal Indexed in SCI)
- IX. **Use of the Cold Substrate Method for Biomaterials: The Structural and Biological Properties of the Ag Layers Deposited on Ti-6Al-4V**
DUYMUS Z., NOVRUZOGLU V., ATOS S. M. , YUZUAK E., Tomakin M.
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, vol.29, no.5, pp.2909-2919, 2020 (Journal Indexed in SCI)
- X. **Tailoring the structural and magnetic properties of epitaxially growth Ni-Mn-Ga magnetic films by Fe addition**
Yuzuak G. D. , Yuzuak E., Hutten A.
PHILOSOPHICAL MAGAZINE, vol.99, no.23, pp.2971-2983, 2019 (Journal Indexed in SCI)
- XI. **Role of low substrate temperature deposition on Co-Fe thin films**
Yuzuak G. D. , Yuzuak E., Nevruzoglu V., Dincer I.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.125, no.11, 2019 (Journal Indexed in SCI)
- XII. **Magnetostructural transition in Co-Mn-Ge systems tuned by valence electron concentration**
Tozkoparan O., Yildirim O., Yuzuak E., Duman E., Dincer I.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.791, pp.208-214, 2019 (Journal Indexed in SCI)
- XIII. **The Structural, Electronic, and Magnetic Features of Co₂Mn_{1-x}Al_xTi (0 ≤ x ≤ 0.6) Heusler Alloys**
Yuzuak G. D. , Yuzuak E., Dincer I., Elerman Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.3, pp.677-683, 2019 (Journal Indexed in SCI)
- XIV. **Magnetic Features of Boron Doping on Hf₂Co₁₁ Thin Films**
Yuzuak G. D. , Yuzuak E., Elerman Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.31, no.7, pp.2059-2063, 2018 (Journal Indexed in SCI)
- XV. **Soft Magnetic Properties of Hf_xCo_{100-x} Thin Films**
Yuzuak G. D. , Yuzuak E., Elerman Y.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.12, pp.3537-3540, 2017 (Journal Indexed in SCI)
- XVI. **Magnetocaloric Effect with Very Small Magnetic Hysteresis Losses of CoMn_{1-x}Ti_xGe Alloys**
YILDIRIM O., Tozkoparan O., Yuzuak E., Elerman Y., Dincer I.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.11, pp.5733-5737, 2017 (Journal Indexed in SCI)
- XVII. **Thickness-Dependent Permanent Magnet Properties of ZrCo Thin Films Grown on Si with Pt Underlayer**

Yuzuak G. D. , Yuzuak E., TEICHERT N., HUETTEN A., Elerman Y.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, no.5,
pp.2654-2659, 2017 (Journal Indexed in SCI)

- XVIII. Hf₂Co₁₁ thin films: Rare-earth-free permanent nanomagnets**
Yuzuak G. D. , Yuzuak E., ELERMAN Y.
THIN SOLID FILMS, vol.625, pp.115-121, 2017 (Journal Indexed in SCI)
- XIX. Entail the new path for permanent magnets: Free-standing Hf-Co thin films**
Yuzuak G. D. , Yuzuak E., Elerman Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.681, pp.589-594, 2016 (Journal Indexed in SCI)
- XX. Enhancement of magnetocaloric effect in CoMn_{0.9}Fe_{0.1}Ge alloy**
Yuzuak E., Dincer I., Elerman Y., DUMKOW I., HEGER B., Emre S. Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.641, pp.69-73, 2015 (Journal Indexed in SCI)
- XXI. Structure and giant inverse magnetocaloric effect of epitaxial Ni-Co-Mn-Al films**
TEICHERT N., KUCZA D., YILDIRIM O., Yuzuak E., Dincer I., BEHLER A., WEISE B., HELMICH L., BOEHNKE A., KLIMOVA S., et al.
PHYSICAL REVIEW B, vol.91, no.18, 2015 (Journal Indexed in SCI)
- XXII. Influence of film thickness and composition on the martensitic transformation in epitaxial Ni-Mn-Sn thin films**
TEICHERT N., AUGÉ A., Yuzuak E., Dincer I., Elerman Y., KRUMME B., WENDE H., YILDIRIM O., POTZGER K., HUETTEN A.
ACTA MATERIALIA, vol.86, pp.279-285, 2015 (Journal Indexed in SCI)
- XXIII. Effects of size reduction on the magnetic and magnetocaloric properties of NdMn₂Ge₂ nanoparticles prepared by high-energy ball milling**
Kaya M., REZAEIVALA M., Yuzuak E., Akturk S., Dincer I., Elerman Y.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, vol.252, no.1, pp.192-197, 2015 (Journal Indexed in SCI)
- XXIV. The effect of the substitution of Cu for Mn on magnetic and magnetocaloric properties of Ni₅₀Mn₃₄In₁₆**
Kaya M., YILDIRIM S., Yuzuak E., Dincer I., Ellialtioglu R., Elerman Y.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.368, pp.191-197, 2014 (Journal Indexed in SCI)
- XXV. The magnetic and magnetocaloric properties of CoMnGe_{1-x}Ga_x alloys**
Dincer I., Yuzuak E., Durak G., Elerman Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.588, pp.332-336, 2014 (Journal Indexed in SCI)
- XXVI. The magnetostructural and magnetocaloric properties of CoMnGe_{1-x}Ga_xB_{0.015} (x=0.05 and 0.06) alloys**
Yuzuak E., Durak G., Dincer I., Elerman Y.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, vol.354, pp.195-199, 2014 (Journal Indexed in SCI)
- XXVII. Inverse magnetocaloric effect of epitaxial Ni-Mn-Sn thin films**
Yuzuak E., Dincer I., Elerman Y., AUGÉ A., TEICHERT N., HUTTEN A.
APPLIED PHYSICS LETTERS, vol.103, no.22, 2013 (Journal Indexed in SCI)
- XXVIII. The magnetic and magnetocaloric properties of nanostructured CoMnGe_{0.95}Ga_{0.05}**
Yuzuak E., Durak G., Dincer I., Elerman Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.541, pp.256-262, 2012 (Journal Indexed in SCI)
- XXIX. Exploring the details of the martensitic phase transition and magnetocaloric effect of CoMnGe_{0.95}Ga_{0.05} by synchrotron and magnetic measurements**
Dincer I., Yuzuak E., Durak G., Elerman Y., BELL A. M. T. , EHRENBERG H.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.540, pp.236-240, 2012 (Journal Indexed in SCI)
- XXX. Thickness dependence of the martensitic transformation, magnetism, and magnetoresistance in epitaxial Ni-Mn-Sn ultrathin films**
AUGÉ A., TEICHERT N., MEINERT M., REISS G., HUETTEN A. H. , Yuzuak E., Dincer I., Elerman Y., ENNEN I., SCHATTSCHNEIDER P.
PHYSICAL REVIEW B, vol.85, no.21, 2012 (Journal Indexed in SCI)

- XXXI. **Effects of manganese doping on magnetocaloric effect in Ge-rich Gd₅Ge_{2.05}Si_{1.95} alloy**
Yuzuak E., Dincer I., Elerman Y.
JOURNAL OF RARE EARTHS, vol.30, no.3, pp.217-221, 2012 (Journal Indexed in SCI)
- XXXII. **The effect of the substitution of Cu for Ni on magnetoresistance and magnetocaloric properties of Ni₅₀Mn₃₄In₁₆**
Dincer I., Yuzuak E., Elerman Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.509, no.3, pp.794-799, 2011 (Journal Indexed in SCI)
- XXXIII. **Influence of irreversibility on inverse magnetocaloric and magnetoresistance properties of the (Ni,Cu)₅₀Mn₃₆Sn₁₄ alloys**
Dincer I., Yuzuak E., Elerman Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.506, no.2, pp.508-512, 2010 (Journal Indexed in SCI)
- XXXIV. **Magnetocaloric properties of the Gd₅Si_{2.05}-xGe_{1.95}-xMn_{2x} compounds**
Yuzuak E., Dincer I., Elerman Y.
JOURNAL OF RARE EARTHS, vol.28, no.3, pp.477-480, 2010 (Journal Indexed in SCI)
- XXXV. **Giant magnetocaloric effect in Tb₅Ge₂-xSi₂-xMn_{2x} compounds**
Yuzuak E., Emre B., Elerman Y., Yucel A.
CHINESE PHYSICS B, vol.19, no.5, 2010 (Journal Indexed in SCI)
- XXXVI. **Giant magnetocaloric effect in the Gd₅Ge_{2.025}Si_{1.925}In_{0.05} compound**
Yuzuak E., Dincer I., Elerman Y.
CHINESE PHYSICS B, vol.19, no.3, 2010 (Journal Indexed in SCI)
- XXXVII. **Structural, magnetic and magnetocaloric effect in the off-stoichiometric Gd₅Ge_{2.05}-xSi_{1.95}-xMn_{2x} alloys**
Elerman Y., Yuzuak E., Dincer I.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (Journal Indexed in SCI)
- XXXVIII. **Magnetostructural and magnetocaloric properties of Ni_{50-x}Cu_xMn₃₆Sn₁₄ by magnetic measurements and neutron diffraction experiments.**
Dincer I., Elerman Y., Yuzuak E., Holzel M., Senyshyn A., Duman E., Krenke T.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.66, 2010 (Journal Indexed in SCI)
- XXXIX. **Magnetocaloric effect in Tb₅Si₂-xGe₂-xFe_{2x} (0 ≤ 2x ≤ 0.1) compounds**
Yuzuak E., Emre B., Yucel A., Elerman Y.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.476, pp.929-934, 2009 (Journal Indexed in SCI)
- XL. **Magnetocaloric Properties of the Gd₅Si₂-xGe₂-xMn_{2x} Compounds.**
Elerman Y., Yuzuak E., Dincer I.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Unraveling energy consumption by using low-cost and reevaluated thermoelectric Thin Films**
Yuzuak G. D. , Ozkan S., Yüzüak E.
TURKISH JOURNAL OF PHYSICS, vol.44, no.5, pp.442-449, 2020 (Journal Indexed in ESCI)
- II. **Investigation of Magnetic Field Response Features of Multilayer CoFe on Kapton Tape**
YÜZÜAK DURAK G., YÜZÜAK E.
Cumhuriyet Science Journal, vol.38, no.4, pp.781-787, 2017 (Other Refereed National Journals)
- III. **Investigation of Magneto-Impedance Effect of Bilayer Iron Films**
YÜZÜAK E., DURAK YÜZÜAK G.
Cumhuriyet Üniversitesi Fen Fakültesi Fen Bilimleri Dergisi, vol.38, no.2, pp.286-292, 2017 (National Refereed University Journal)

Books & Book Chapters

I. **Magnetic Energy Conversion**

YÜZÜAK E., YUZUAK G. D. , DİNÇER İ., ELERMAN H. Y.

in: Comprehensive Energy Systems, Ibrahim DİNÇER, Editor, Elsevier, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **The performance assesment of TiO₂/ITO-PET TENG device**
Durak Yüzüak G., Yüzüak E.
International Symposium on Energy Management and Sustainability-ISEMAS 2022, İstanbul, Turkey, 5 - 09 April 2022, pp.1
- II. **HIGH-TEMPERATURE DEPENDENCE OF X-RAY DIFFRACTION STUDY: CASE OF CU-MN-AL ALLOY**
Durak Yüzüak G., Yüzüak E.
6nd International Conference on Material Science and Technology , Nevşehir, Turkey, 26 - 28 November 2021, pp.1
- III. **A DISSIMILAR VIEW ON TRIBOELECTRIC ENERGY HARVESTER : COUPLING WITH FAMILIAR SEMICONDUCTORS**
Durak Yüzüak G., Karagöz C., Yüzüak E.
6nd International Conference on Material Science and Technology , Nevşehir, Turkey, 26 - 28 November 2021, pp.1
- IV. **Tailor charge density in Ag underlayer SnO₂ thin films in triboelectric nanogenerator phenomenon**
Durak Yüzüak G., Yüzüak E.
IATS'21, Elazığ, Turkey, 26 - 27 October 2021, pp.1
- V. **Advances in Harvesting Triboelectric Nano Energy within ZnO/Ag/Si(100)**
Durak Yüzüak G., Özkan S., Yüzüak E.
5th Int. Symposium on Materials for Energy Storage and Conversion , Muğla, Turkey, 14 - 17 September 2021, pp.1
- VI. **TiO₂ thin films with Ag seed-layer for triboelectric devices**
Durak Yüzüak G., Özkan S., Yüzüak E.
TURKISH PHYSICAL SOCIETY 37TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 1 - 05 September 2021, pp.157
- VII. **Exploring Sputtering Conditions In Zno Thin Film For Triboelectric Nanogenerator Electrode**
Durak Yüzüak G., Karagöz C., Yüzüak E.
9th Global Conference on Global Warming (GCGW - 2021), Split, Croatia, 1 - 04 August 2021, pp.66
- VIII. **THE USE OF ZnO THIN FILMS AS A FRICTION LAYER IN ENERGY HARVESTING**
Durak Yüzüak G., Özkan S., Yüzüak E.
9. EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 21 - 23 April 2021, pp.476-480
- IX. **The Influence of High-Temperature Phase of TiO₂ Thin Film as An Electrode for Triboelectric Applications**
Durak Yüzüak G., Özkan S., Yüzüak E.
4th International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 8 - 09 April 2021, pp.115
- X. **Elastocaloric properties of the optimized Ni-Ti alloy**
Durak Yüzüak G., Yüzüak E.
5th INTERNATIONAL ANATOLIAN ENERGY SYMPOSIUM, Trabzon, Turkey, 24 - 26 March 2021, pp.48
- XI. **Superelastic Properties of NiTi for new generation cooling technologies**
Özkan S., Demirtaş E., Durak Yüzüak G., Yüzüak E.
5th INTERNATIONAL ANATOLIAN ENERGY SYMPOSIUM, Trabzon, Turkey, 24 - 26 March 2021, pp.50
- XII. **RF sputtered TiO₂ thin films with various deposition conditions for triboelectric friction layer**
Durak Yüzüak G., Özkan S., Yüzüak E.

- 5th INTERNATIONAL ANATOLIAN ENERGY SYMPOSIUM, Trabzon, Turkey, 24 - 26 March 2021, pp.46
- XIII. **Thermoelectric Thin Film Modules**
Özkan S., Durak Yüzüak G., Yüzüak E.
5th INTERNATIONAL ANATOLIAN ENERGY SYMPOSIUM, Trabzon, Turkey, 24 - 26 March 2021, pp.42
- XIV. **Physical Origin of Soliton Model Thin Film Growth: CoFe/Cu/CoFe Single Cell**
DURAK YÜZÜAK G., NEVRUZOĞLU V., YÜZÜAK E.
Nano TR -15, Antalya, Turkey, 3 - 06 November 2019, pp.131
- XV. **Optical properties of evaporated CoFe and Cu metal films at low substrate temperatures**
Durak Yüzüak G., Nevruzoğlu V., Yüzüak E.
Karadeniz 1. Uluslararası Multi Disipliner Çalışmalar Kongresi, Giresun, Turkey, 15 - 17 March 2019, pp.129
- XVI. **Transformation of Amorphous Carbon Derived from Tea Waste to Graphene-like Carbon**
AKGÜL G., Fındık S., YÜZÜAK E.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 19 - 21 October 2018, pp.17-18
- XVII. **Magnetic Features of Fe-Co Film with Various Cr-Underlayer Thicknesses**
YÜZÜAK E., YUZUAK G. D.
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE, 26 - 29 April 2018
- XVIII. **Giant magnetoimpedans (GMI) effect of Fe-Co-B thin films on Si substrates**
YUZUAK G. D. , YÜZÜAK E.
The Internatnional Conference on Materials Science Mechanical and Automation Engineerings and Technology, 10 - 12 April 2018
- XIX. **Soft Magnetic Properties of Hf-Co thin films for sensor applications**
YÜZÜAK DURAK G., YÜZÜAK E., ELERMAN H. Y.
13th Nanoscience and Nanotechnology Conference of Turkey NanoTr13, 22 - 25 October 2017
- XX. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYMUS Z., ATEŞ S. M. , NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., HACIOĞLU G., YILMAZ E. Ç. , Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- XXI. **Examination of the Biocompatibility of Nano-sized Ag layer prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYMUS Z., ATEŞ S. M. , NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., HACIOĞLU G., YILMAZ E. Ç. , SÜLEYMAN F.
Nanoscience and Nanotechnology Conference of Turkey NanoTr13, 22 - 25 October 2017
- XXII. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYMUS Z., ATEŞ S. M. , NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., Hacıoğlu G., Yılmaz E. Ç. , Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.71
- XXIII. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method**
NEVRUZOĞLU V., YEŞİL DUYMUS Z., TOMAKİN M., YÜZÜAK E., ATEŞ S. M. , Buldu İ., YILMAZ E. Ç. , SÜLEYMAN F.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017
- XXIV. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
YEŞİL DUYMUS Z., ATEŞ S. M. , NEVRUZOĞLU V., TOMAKİN M., YÜZÜAK E., Hacıoğlu G., Yılmaz E. Ç. , Süleyman F.
13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.71
- XXV. **Examination of the Biocompatibility of Nano-sized Ag Layer Prepared on Ti-6Al-4V by New Experimental Procedures**
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13th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, pp.71
- XXVI. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method**
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8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.145

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8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.145
- XXVIII. **Investigation of Characteristic Properties of Ag coated Ti-based Material by Cold Substrate Method**
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- XXIX. **A new approach of permanent magnets Hf-Co thin films**
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