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Kişisel Bilgiler

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Eğitim Bilgileri

Lisans, Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, MİMARLIK BÖLÜMÜ, Türkiye 2011 - 2017

Doktora, Polytechnic University, Brooklyn Campus, Fizik, Amerika Birleşik Devletleri 1988 - 1993

Yüksek Lisans, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Türkiye 1984 - 1987

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Türkiye 1978 - 1983

Yaptığı Tezler

Yüksek Lisans, Güneş enerjisinin depolanması, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 1987

Araştırma Alanları

Malzeme Bilimi ve Mühendisliği, Disiplinlerarası Fizik ve İlgili Bilim ve Teknoloji Alanları, Yoğun Madde 1:Yapısal, Mekanik ve Termal Özellikler , Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler

Akademik Unvanlar / Görevler

Prof. Dr., Eskişehir Osmangazi Üniversitesi, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, METALURJİ VE MALZEME MÜHENDİSLİĞİ BÖLÜMÜ, 2018 - Devam Ediyor

Prof. Dr., Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, FİZİK BÖLÜMÜ, 2010 - 2018

Doç. Dr., Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, FİZİK BÖLÜMÜ, 2005 - 2010

Yrd. Doç. Dr., Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, FİZİK BÖLÜMÜ, 1994 - 2004

Araştırma Görevlisi, Eskişehir Osmangazi Üniversitesi, FEN FAKÜLTESİ, FİZİK BÖLÜMÜ, 1984 - 1994

Araştırma Görevlisi, Polytechnic University, Brooklyn Campus, Science, Physics, 1988 - 1993

Araştırma Görevlisi, Anadolu Üniversitesi, Fen Fakültesi, Fizik Bölümü, 1985 - 1988

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- VI. **The influence of seed layer electroplating time on structural properties, optical energy bandgap, diameter, growth orientation and surface roughness of ZnO nanorods**
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- IX. **THE EFFECT OF SOLUTION TEMPERATURE ON CHEMICALLY MANUFACTURED CdS SAMPLES**
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- XI. **Bath temperature-dependent structural properties, coercive force, surface morphology and surface texture of electrochemically grown nanostructured Ni-Co/ITO thin films**
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- XII. **A Comparative Study on Microstructures, Magnetic Features and Morphologies of Ternary Fe-Co-Ni Alloy Thin Films Electrochemically Fabricated at Different Deposition Potentials**
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- XIV. **Differences Observed in the Phase Structure, Grain Size-Shape, and Coercivity Field of Electrochemically Deposited Ni-Co Thin Films with Different Co Contents**
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- XVI. **Preparation and Characterization of Activated Carbon from Chestnut Shell and its Adsorption**

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- XVII. **THE EFFECTS OF SELENIUM ON LYCOPERSICON ESCULENTUM MILL. SEEDLINGS**
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- XVIII. **Microstructural and morphological characterizations of nanocrystalline Ni-Cu-Fe thin films electrodeposited from electrolytes with different Fe ion concentrations**
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- XIX. **INVESTIGATION OF THE EFFECTS OF ALUMINUM STRESS ON SOME MACRO AND MICRO-NUTRIENT CONTENTS OF THE SEEDLINGS OF LYCOPERSICON ESCULENTUM MILL. BY USING SCANNING ELECTRON MICROSCOPE**
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- XXVII. **Surface Morphology, Structural and Magnetic Properties of Electrodeposited NiFeCu/Cu Films**
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- XXVIII. **Deposition potential dependence of composition, microstructure, and surface morphology of electrodeposited Ni-Cu alloy films**
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- XXX. **Contribution of electrolyte pH and deposition potentials to the magnetic anisotropy of electrodeposited nickel films**
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- XXXII. **Comparison of Ni-Cu alloy films electrodeposited at low and high pH levels**
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- II. **The influence of deposit composition controlled by changing the relative Fe ion concentration on properties of electroplated nanocrystalline Co-Fe-Cu ternary thin films**
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- III. **G-7 Ülkelerinde Rüzgâr Enerjisi ve Ekonomik Büyüme Arasındaki İlişkinin Panel Eşbütünleşme Yaklaşımı ile Analizi**
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- IV. **Synthesis of Ni-Fe thin films by electrochemical deposition technique and characterization of their microstructures and surface morphologies**
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- V. **Disadvantages of Imperfect Competition in Solar Energy Collector Markets and Policy Recommendations**
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- VI. **Lycopersicon Esculentum Mill. Fidiciklerine Selenyum Etkilerinin Analitik ve Mikro Analitik Yöntemler ile İncelenmesi**
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- VII. **Lycopersicon esculentum Mill Fidiciklerine Farklı Konsantrasyonlarda Uygulanan Alüminyum Etkilerinin LV SEM ile İncelenmesi**
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Kitap & Kitap Bölümleri

- I. **Physics I Experiments Laboratory Book for Engineering Students**
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ALĞIN E., PEKER D., İŞSEVER U. G., KILIÇ G., AŞICI C., BAYKUL M. C., ÇETİN A., ÇETİNKAYA ÇOLAK S., EROĞLU S., İLİK E., et al.
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- I. **An Economic Inquiry about Flat-Plate Solar Collectors (FPSCs) for Eskisehir, Turkey**
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- II. **A Comparative Global Overview for Flat-plate Solar Collectors (FPSCs) in G-7 G-20 Countries**
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- III. **Determination of the Most Convenient Angle of Incline for a Solar Collector in Eskisehir**
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- IV. **A Comparative Global Overview for Solar Photovoltaic (PV) Systems: Recent Market and Policy Trends in G-7 G-20 Countries**
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- V. **A Comparative Panel Data Analysis on the Relationship between Solar Energy and Economic Growth in G-7 G-20 Countries**
ACAROĞLU H., BAYKUL M. C.
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- VIII. **The Analysis of the Relationship between Wind Energy and Economic Growth in G7 G20 Countries with Panel Cointegration Approach**
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- IX. **THE ANALYSIS OF THE RELATIONSHIP BETWEEN WIND ENERGY AND ECONOMIC GROWTH IN G20 COUNTRIES WITH PANEL COINTEGRATION APPROACH**
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- X. **Effect of Cu content on surface roughness grain size magnetic and microstructural properties of electrodeposited nanocrystalline Ni Co Cu ternary thin films**
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- XIII. **The role of Cu content on the morphological magnetic and microstructural properties of nanocrystalline Ni Co Cu ternary thin films grown by electrodeposition**
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- XIV. **Investigation of properties of electrochemically deposited nanocrystalline Co Fe Cu ternary thin films with different compositions**
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- XVI. **1G7 Ülkelerinde Rüzgar Enerji Tüketimi ile Ekonomik Büyüme Arasındaki İlişkinin Modellenmesi ve Değerlendirilmesi**
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- XVII. **G7 Ülkelerinde Rüzgar Enerji Tüketimi ile Ekonomik Büyüme Arasındaki İlişkinin Modellenmesi ve Değerlendirilmesi**
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- XVIII. **Study of layered ZnO thin films produced by electrochemical deposition technique**
BAYKUL M. C., KAYA M., NİLGÜN O.
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- XIX. **The Disadvantages of Imperfect Competition in the Solar Energy Collector Markets and Policy Recommendations**
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- XX. **Comparison of Surface Morphologies And Optical Properties of Cds Thin Films Fabricated by Chemical Bath Deposition And Spray Pyrolysis Techniques**
KAYA M., BAYKUL M. C., ALTIOKKA B.
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- XXII. **The Effects of 900 MHz Electromagnetic waves in an Electroconvulsive Seizure Model in Mice**
ERDİNÇ O. O., BAYKUL M. C., ÖZKAN S., ÖZDEMİR A. Ö., SIRMAGÜL B., BAL C.
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- XXIII. **Çok Kanallı Termal Mikroskop İle Sepiolitin Isıl İletkenlik Katsayısının ve Bakır-Sepiolit Yüzeyinin Termal Görüntüsü**
BAYKUL M. C., IŞIK İ., SAĞDIÇ F., AKAN T.

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Desteklenen Projeler

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Metrikler

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H-İndeks (Scopus): 9

Akademi Dışı Deneyim

ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ

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