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Education Information

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2006 - 2012

Postgraduate, Anadolu University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 1993 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Nano boyutlu PbS ve CdS ince filmlerinin elektriksel, optik ve yapısal özelliklerinin belirlenmesi, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2012

Postgraduate, Spray pyrolysis yöntemi ile elde edilen Zn ilaveli CuInS₂ filmlerinin bazı fiziksel özellikleri, Anadolu University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 2003

Courses

TEKNOLOJİNİN BİLİMSEL İLKELERİ, Undergraduate, 2017 - 2018

TEKNOLOJİNİN BİLİMSEL İLKELERİ, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

MÜHENDİSLİK BİLİMİ, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Fizik II, Undergraduate, 2015 - 2016

Fizik I, Undergraduate, 2015 - 2016

MÜHENDİSLİK BİLİMİ I, Associate Degree, 2011 - 2012

Advising Theses

ALTIOKKA B., Güneş pilleri için kimyasal banyo biriktirme yöntemi ile üretilen ZnO, CdS, PbS ince filmlerinin bazı fiziksel

özelliklerinin incelenmesi, Postgraduate, M.ÖNAL(Student), 2020

BARIŞ A., Elektrokimyasal yöntemle üretilen nano yapı ZnO ince filmlerinin bazı fiziksel ve optik özelliklerinin belirlenmesi, Doctorate, A.KIYAK(Student), 2015

Articles Published in Other Journals

I. EFFECTS OF BATH TEMPERATURE ON ELECTRODEPOSITED CdTe THIN FILMS

ALTIOKKA B., KIYAK YILDIRIM A.

International Journal of Engineering Research-Online, vol.8, no.1, pp.25-27, 2020 (Peer-Reviewed Journal)

II. TO DEPOSIT ZnO THIN FILMS VIA ELECTRODEPOSITION AT DIFFERENT pH VALUES

ALTIOKKA B.

International Journal of Engineering Research-Online, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. EFFECTS OF HIGH BATH TEMPERATURES ON CdS THIN FILMS OBTAINED BY CHEMICAL BATH DEPOSITION

ÖNAL M., ALTIOKKA B.

INTERNATIONAL AEGEAN CONFERENCES ON NATURAL & MEDICAL SCIENCES-VI December 20-22, 2022, İzmir, Turkey, 20 December 2022, pp.183-192

II. INHIBITORY EFFECT On Pbs THIN FILMS PRODUCED At DIFFERENT TEMPERATURES

ÖNAL M., ALTIOKKA B.

4. INTERNATIONAL PALANDOKEN SCIENTIFIC STUDIES CONGRESS, Erzurum, Turkey, 28 April 2022

III. The effect of TEA's amount on chemically deposited ZnO thin films.

ÖNAL M., ALTIOKKA B.

(PCFM) PHYSICALCHEMISTRY FUNCTIONALMATERIALS, 25 - 27 June 2019

IV. ELECTRODEPOSITION OF CdTe

ALTIOKKA B.

PCFM (PHYSICALCHEMISTRY FUNCTIONALMATERIALS), 25 - 27 June 2019

V. INFLUENCE OF BATH TEMPERATURE OF THE CHEMICALLY DEPOSITED Pbs THIN FILMS

ALTIOKKA B.

PCFM (PHYSICALCHEMISTRY FUNCTIONALMATERIALS), 25 - 27 June 2019

VI. Electrodeposition of CdO thin films for solar cells

ALTIOKKA B.

International conference on photovoltaic science and technologies (PVCON), 4 - 06 July 2018

VII. Effects of bath temperature on CdO thin films obtained by electrodeposition

ALTIOKKA B.

International Conference on Physical Chemistry and Functional Materials (PCFM'xx18)-June 19-21, 19 - 21 June 2018

VIII. PHYSICAL PROPERTIES OF THE CDO FILMS OBTAINED BY ELECTRODEPOSITION AT DIFFERENT CATHODIC POTENTIALS

ALTIOKKA B., KIYAK YILDIRIM A.

2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), 11 - 13 October 2017

IX. EFFECTS OF THE MOLARITY OF THE DEPOSITION SOLUTION COMPOSITION on CdO FILMS OBTAINED BY ELECTRODEPOSITION

KIYAK YILDIRIM A., ALTIOKKA B.

2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Turkey, 11 - 13 October 2017

- X. **THE INFLUENCE OF DIFFERENT pH VALUES OF DEPOSITION SOLUTION ON CdO FILMS OBTAINED BY ELECTRODEPOSITION**
ALTIOKKA B., KIYAK YILDIRIM A.
Uluslararası Mühendislik Araştırmaları Sempozyumu (UMAS'2017), Düzce, Turkey, 11 - 13 September 2017
- XI. **THE EFFECTS OF DIFFERENT DEPOSITION TEMPERATURE ON CdO FILMS OBTAINED BY ELECTRODEPOSITION**
KIYAK YILDIRIM A., ALTIOKKA B.
Uluslararası Mühendislik Araştırmaları Sempozyumu (UMAS'2017), Düzce, Turkey, 11 - 13 September 2017
- XII. **Influence of deposition potential on ZnO films obtained by electrodeposition**
KIYAK YILDIRIM A., ALTIOKKA B.
4th International Symposium on Innovative Technologies in Engineering and Science (ISITES2016), Antalya, Turkey, 3 - 05 November 2016
- XIII. **Influence of pH deposition potential on ZnO films obtained by electrodeposition**
ALTIOKKA B., KIYAK YILDIRIM A.
4th International Symposium on Innovative Technologies in Engineering and Science 3-5 November 2016 (ISITES2016), Antalya, Turkey, 03 November 2016
- XIV. **SOME PHYSICAL PROPERTIES OF ZnO FILMS OBTAINED BY ELECTRODEPOSITION AT DIFFERENT pH VALUES**
ALTIOKKA B., KIYAK YILDIRIM A.
16th International Materials Symposium (IMSP'2016), Denizli, Turkey, 12 October 2016
- XV. **PHYSICAL PROPERTIES OF THE ZnO FILMS OBTAINED BY ELECTRODEPOSITION AT DIFFERENT POTENTIALS**
KIYAK YILDIRIM A., ALTIOKKA B.
IMSP'2016 16th International Materials Symposium, Denizli, Turkey, 12 - 14 October 2016
- XVI. **Effects of electrolyte on ZnO films obtained by electrodeposition**
ALTIOKKA B., KIYAK YILDIRIM A.
International Semiconductor Science and Technology Conference 2015, KUŞADASI/ İZMİR, Turkey, 11 - 13 May 2015

Supported Projects

ALTIOKKA B., Project Supported by Higher Education Institutions, Cdse/Cdte Güneş Pillerini Elektrodepozisyon Yöntemi İle Üretmek, 2019 - 2020

Patent

ALTIOKKA B., Değişken Manyetik Alanlı Kimyasal Biriktirme Yöntemi, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2011

ALTIOKKA B., Sodyum sülfid kullanılarak kimyasal biriktirme yöntemi ile kurşun sülfür üretimi, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2011