

Prof. Cemal ULUTAŞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-7860-2021

ScopusID: 8927932300

Yoksis Researcher ID: 46637

Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 2005 - 2009

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 2000 - 2004

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1995 - 1999

Dissertations

Doctorate, Kimyasal depolama yöntemiyle elde edilmiş MnS ince filmlerin özelliklerine ısıl tavlamanın etkisi, Cukurova University, Fen Bilimleri Enstitüsü, Fizik (Dr), 2009

Postgraduate, Kimyasal depolama yöntemi ile MnS ince filmlerin eldesi ve karakterizasyonu, Cukurova University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 2004

Academic Titles / Tasks

Professor, Hakkari University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2023 - Continues

Associate Professor, Hakkari University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2016 - 2023

Hakkari University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2012 - 2016

Academic and Administrative Experience

Dean, Hakkari University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2023 - Continues

Quality Coordinator, Hakkari University, 2019 - Continues

Hakkari University, 2019 - Continues

Hakkari University, 2019 - Continues

Enstitü Yönetim Kurulu Üyesi, Hakkari University, 2019 - 2022

Head of Department, Hakkari University, 2019 - 2022

Lead Coordinator, Cukurova University, 2012 - 2018

Courses

FZFBK173 YÜKSEK LİSANS TEZ ÇALIŞMASI, Postgraduate, 2019 - 2020, 2018 - 2019
FBF508 Bilimsel Araştırma Teknikleri ve Yayın Etiği, Postgraduate, 2019 - 2020
LEF557 İnce Filmlere Giriş, Postgraduate, 2019 - 2020
FBFZ108 YARIİLETKENLER FİZİĞİ I, Postgraduate, 2019 - 2020, 2018 - 2019
LEF505 Bilimsel Araştırma Teknikleri ve Yayın Etiği, Postgraduate, 2019 - 2020
FZBK153 UZMANLI ALAN DERSİ, Postgraduate, 2019 - 2020, 2018 - 2019
FBFZK 107 YARIİLETKEN AYGITLAR VE OPTOELEKTRONİK UYGULAMALARI I, Postgraduate, 2019 - 2020, 2018 - 2019
MB 401 Öğretmenlik Uygulaması, Undergraduate, 2018 - 2019, 2015 - 2016, 2013 - 2014
FBFZK 209 Yarıiletkenler Fiziği II, Postgraduate, 2018 - 2019
FBFZ 208 Yarıiletkenler ve Optoelektronik Uygulamaları II, Postgraduate, 2018 - 2019
BTE 406 ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
FTÖ 402 ASTRONOMİ, Undergraduate, 2015 - 2016
S 203-A GENEL FİZİK, Undergraduate, 2015 - 2016
YDI 406 ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
S 203-B GENEL FİZİK, Undergraduate, 2015 - 2016
S 203-C GENEL FİZİK, Undergraduate, 2015 - 2016
MB 401 OKUL DENEYİMİ, Undergraduate, 2015 - 2016, 2014 - 2015
MB 409 ÖZEL ÖĞRETİM YÖNTEMLERİ, Undergraduate, 2015 - 2016, 2014 - 2015
YDI 408 ÖĞRETMENLİK UYGULAMASI DEĞERLENDİRMESİ, Undergraduate, 2015 - 2016
FTÖ ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2015 - 2016
BTE 407 PROJE GELİŞTİRME VE YÖNETİMİ, Undergraduate, 2015 - 2016
BTE 408 PROJE GELİŞİRME VE YÖNETİMİ, Undergraduate, 2015 - 2016
FTÖ 408 ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2015 - 2016
BTE 408 PROJE GELİŞTİRME VE YÖNETİMİ II, Undergraduate, 2014 - 2015
MB 302 OKUL DENEYİMİ, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
TEB 311 TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2014 - 2015, 2013 - 2014
FTÖ 404 ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2014 - 2015
FTÖ 303 FİZİKTE ÖZEL KONULAR, Undergraduate, 2014 - 2015, 2013 - 2014
AIS 314 TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2013 - 2014
FTÖ 101 GENEL FİZİK I, Undergraduate, 2013 - 2014, 2012 - 2013
FGK 314 TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2013 - 2014
GK 301 BİLİM TARİHİ, Undergraduate, 2013 - 2014
FTÖ 205 GENEL FİZİK III (OPTİK), Undergraduate, 2013 - 2014, 2012 - 2013
BTS 205 PROJE TABANLI ÖĞRETİME GİRİŞ, Undergraduate, 2013 - 2014
FTÖ 206 FİZİK IV(MODERN FİZİK), Undergraduate, 2013 - 2014, 2012 - 2013
BTE 107 MATEMATİK I, Undergraduate, 2013 - 2014, 2012 - 2013
FTÖ 104 GENEL FİZİK LAB. II, Undergraduate, 2013 - 2014
FGK 214 TOPLUMA HİZMET UYGULAMASI, Undergraduate, 2013 - 2014
FTÖ 102 GENEL FİZİK II, Undergraduate, 2013 - 2014, 2012 - 2013
MB 407 ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2013 - 2014, 2012 - 2013
S 203 GENEL FİZİK, Undergraduate, 2013 - 2014
FTÖ 207 GENEL FİZİK III LAB., Undergraduate, 2013 - 2014, 2012 - 2013
BTE 211 FİZİK I, Undergraduate, 2013 - 2014, 2012 - 2013
FTÖ 110 GENEL MATEMATİK II, Undergraduate, 2013 - 2014, 2012 - 2013
BTE 108 MATEMATİK II, Undergraduate, 2013 - 2014, 2012 - 2013
GK 314 TOPLUMA HİZMET UYGULAMALARI, Undergraduate, 2013 - 2014
MB 408 ÖĞRETMENLİK UYGULAMASI, Undergraduate, 2013 - 2014, 2012 - 2013
BTE 212 FİZİK II, Undergraduate, 2013 - 2014, 2012 - 2013
FTÖ 304 Bilimin Doğası ve Bilim Tarihi, Undergraduate, 2012 - 2013
FTÖ 109 Genel Matematik I, Undergraduate, 2012 - 2013
S 111 Temel Matematik I, Undergraduate, 2012 - 2013

FTÖ 104 Genel Fizik Laboratuvarı II, Undergraduate, 2012 - 2013

FTÖ 103 Genel Fizik Laboratuvarı I, Undergraduate, 2012 - 2013

Advising Theses

Cemal U., EDTA kompleksleştirici tuzu kullanılarak kimyasal depolama yöntemi ile MnS ince filmlerin elde edilmesi ve fiziksel özelliklerinin incelenmesi, Postgraduate, C.KARAKOYUN(Student), 2022

Cemal U., Farklı konsantrasyonlarda Tri sodyum sitrat tuzu kullanılarak elde edilen mns ince filmlerin yapısal, optiksel ve elektriksel özelliklerinin araştırılması, Postgraduate, Z.BUDAK(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The influence of trisodium citrate dihydrate complexing agent on the structural, electrical and optical properties of γ -MnS thin films**
Budak Z., ULUTAŞ C., Yılmaz O., Cevlik H., Gunes M., GÜMÜŞ C.
Journal of Materials Science: Materials in Electronics, vol.34, no.16, 2023 (SCI-Expanded)
- II. **Effect of molar concentration on the structural, linear and nonlinear optical properties of CuS (covellite) thin films**
Habiboglu C., Erken O., Gunes M., Yılmaz O., Cevlik H., ULUTAŞ C., GÜMÜŞ C.
Solid State Communications, vol.352, 2022 (SCI-Expanded)
- III. **Investigation on the electronic and physical properties of gamma-MnS films as a function of thickness**
Ulutas C., Erken O., Gunes M., Ozkendir O., GÜMÜŞ C.
Materials Science in Semiconductor Processing, vol.140, 2022 (SCI-Expanded)
- IV. **The effects of substrate on the physical properties of gamma-MnS thin films deposited by chemical bath deposition**
ULUTAŞ C., Erken O., Gunes M., GÜMÜŞ C.
Physica B: Condensed Matter, vol.588, 2020 (SCI-Expanded)
- V. **A study of the electronic and physical properties of SnO₂ thin films as a function of substrate temperature**
Erken O., Ozkendir O., Gunes M., Harputlu E., ULUTAŞ C., GÜMÜŞ C.
Ceramics International, vol.45, no.15, pp.19086-19092, 2019 (SCI-Expanded)
- VI. **Influence of post-deposition annealing on the structural and optical properties of γ -MnS thin film**
ULUTAŞ C., Gunes M., GÜMÜŞ C.
Optik, vol.164, pp.78-83, 2018 (SCI-Expanded)
- VII. **Effect of annealing temperature on the physical properties of Mn₃O₄ thin film prepared by chemical bath deposition**
ULUTAŞ C., Erken O., Gunes M., GÜMÜŞ C.
International Journal of Electrochemical Science, vol.11, no.4, pp.2835-2845, 2016 (SCI-Expanded)
- VIII. **γ -MnS thin films prepared by chemical bath deposition: Effect of bath temperature on their physical properties**
ULUTAŞ C., Guneri E., Kirmizigul F., Altindemir G., Gode F., GÜMÜŞ C.
Materials Chemistry and Physics, vol.138, no.2-3, pp.817-822, 2013 (SCI-Expanded)
- IX. **Effect of deposition time on structural, electrical, and optical properties of SnS thin films deposited by chemical bath deposition**
Guneri E., ULUTAŞ C., Kirmizigul F., Altindemir G., Gode F., GÜMÜŞ C.
Applied Surface Science, vol.257, no.4, pp.1189-1195, 2010 (SCI-Expanded)
- X. **Properties of p-type snS thin films prepared by chemical bath deposition**
Guneri E., Gode F., ULUTAŞ C., Kirmizigul F., Altindemir G., GÜMÜŞ C.

- Chalcogenide Letters, vol.7, no.12, pp.685-694, 2010 (SCI-Expanded)
- XI. **Optical and structural properties of manganese sulfide thin films**
GÜMÜŞ C., ULUTAŞ C., Ufuktepe Y.
Optical Materials, vol.29, no.9, pp.1183-1187, 2007 (SCI-Expanded)
- XII. **Magnetic properties of crystalline γ -MnS thin films**
GÜMÜŞ C., Bayri A., ULUTAŞ C., KARAKAPLAN M., Ufuktepe Y.
Journal of Optoelectronics and Advanced Materials, vol.8, no.1, pp.261-265, 2006 (SCI-Expanded)
- XIII. **Preparation and characterization of crystalline MnS thin films by chemical bath deposition**
GÜMÜŞ C., ULUTAŞ C., Esen R., Özkendir O., Ufuktepe Y.
Thin Solid Films, vol.492, no.1-2, pp.1-5, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kimyasal Depolama Yöntemi ile elde edilen MnS İnce Filmlerin Özellikleri**
ULUTAŞ C., GÜMÜŞ C.
ÇUKUROVA ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.25, no.1, pp.81-92, 2011 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Tri Sodium Citrate Complexing Salt on The Properties Of Chemical Bath Deposited MnS Thin Films**
ULUTAŞ C., BUDAK Z.
2. INTERNATIONAL SCIENCE AND INNOVATION CONGRESS, Ankara, Turkey, 22 May 2021
- II. **Effect Of Different Copper Salts On The Properties Of CuS Thin Films Deposited By Chemical Bath Deposition**
ERKEN Ö., ULUTAŞ C., GÜNEŞ M., GÜMÜŞ C.
International GAP Renewable Energy And Energy Efficiency Congress (GAPYENEV 2018), Şanlıurfa, Turkey, 10 - 12 May 2018
- III. **Effect Of Molarity On The Structural and Optical Properties Of Copper Sulfide Thin Films**
ERKEN Ö., HABİBOĞLU C., ULUTAŞ C., GÜNEŞ M., GÜMÜŞ C.
International GAP Renewable Energy And Energy Efficiency Congress (GAPYENEV 2018), Şanlıurfa, Turkey, 10 - 12 May 2018
- IV. **Optical Properties of MnS Thin Film on Deposited Different Substrates**
ULUTAŞ C., GÜMÜŞ C., ERKEN Ö.
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018
- V. **THE EFFECT OF ANNEALING TEMPERATURE ON STRUCTURAL AND OPTICAL PROPERTIES OF GAMMA MnS THIN FILM IN NITROGEN ATMOSPHERE**
ULUTAŞ C., GÜNEŞ M., GÜMÜŞ C.
Turkish Physical society 32. nd International Physics Congress, Muğla /Bodrum, Turkey, 6 - 09 September 2016
- VI. **Annealing effect on structural and optical properties of chemical bath deposited MnS thin film**
ULUTAŞ C., GÜMÜŞ C.
9th International Physics Conference of the Balkan Physical Union, BPU 2015, İstanbul, Turkey, 24 - 27 August 2015, vol.1722
- VII. **Isısal tavlamanın Kimyasal Depolama Yöntemi ile elde edilen Mn₃O₄ İnce Filmlerin Fiziksel Özelliklerine Etkisi**
ULUTAŞ C., GÜMÜŞ C.
Adım Fizik Günleri IV, Turkey, 26 - 27 May 2015

- VIII. **Püskürtme Yöntemi ile Hazırlanan ZnO İnce Filmlerin Yapısal ve Optiksel Özellikleri**
FİLAZİ Ö., ALTINDEMİR G., HABİBOĞLU C., YAVUZ F., KIRMIZIGÜL F., ULUTAŞ C., GÜNERİ E., GÖDE F., GÜMÜŞ C.
18. Yoğun Madde Fiziği-Ankara Toplantısı, Ankara, Turkey, 25 November 2011
- IX. **Influence of annealing temperature on the structural optical and electrical properties of amorphous Zinc Sulfide thin films**
GÖDE F., GÜNERİ E., KARİPER İ. A., ULUTAŞ C., KIRMIZIGUL F., GÜMÜŞ C.
17th International Conference on Microscopy of Semiconducting Materials 2011, United States Of America, 4 - 07 April 2011, vol.326, pp.12020
- X. **Kimyasal Depolama Yöntemi ile elde edilen MnS İnce Filmlerin Özellikleri**
GÜMÜŞ C., ULUTAŞ C.
Türk Fizik Derneği 23. Uluslararası Fizik Kongresi, Muğla, Turkey, 13 - 16 September 2005, pp.322-327

Metrics

Publication: 24
Citation (WoS): 395
Citation (Scopus): 444
H-Index (WoS): 9
H-Index (Scopus): 9

Non Academic Experience

Ministry, Milli Eğitim, İlköğretim