

## Prof. Muhammet YILDIRIM

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Ataturk University, Fen Fakültesi, Fizik, Turkey 1987 - 1992

Postgraduate, Ataturk University, Fen Fakültesi, Fizik, Turkey 1985 - 1987

Undergraduate, Ataturk University, Fen Fakültesi, Fizik, Turkey 1980 - 1984

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, YÜKSEK ÖZDİRENÇLİ P-TİPİ SİLİSYUMDA SICAKLIĞA BAĞLI ENİNE MAGNETOREZİSTANS, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 1992

Postgraduate, NÖTRONLARLA IŞINLAMININ VE SU VERMENİN P-TİPİ SİLİSYUMUN ÖZDİRENCİ VE TAŞIYICI YOĞUNLUĞU ÜZERİN ETKİLERİ, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 1987

### Research Areas

Physics, Intensive Article 2: Electronic Structure, Electric, Magnetic and Optical Properties, Electronic structure of bulk material, Electrical properties of electronic structures, interfaces, thin films and low-dimensional structures, Magnetic Properties and Materials, Electronic transport in condensed matter, Natural Sciences

### Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Fizik, 2001 - Continues

### Academic and Administrative Experience

Head of Department, Ataturk University, Fen Fakültesi, Fizik, 2018 - Continues

Erzincan Binali Yıldırım Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 2011 - 2014

Atatürk Üniversitesi, İspir Hamza Polat Myo, Fizik, 2002 - 2008

## Courses

Fizik 2, Undergraduate, 2023 - 2024, 2021 - 2022  
Termodinamik, Undergraduate, 2023 - 2024  
Temel Fizik Laboratuvarı, Undergraduate, 2022 - 2023  
Akademik Sunum Becerileri, Undergraduate, 2022 - 2023, 2021 - 2022  
Fizik I, Undergraduate, 2023 - 2024, 2020 - 2021  
Fizik II, Undergraduate, 2021 - 2022, 2019 - 2020  
Kathal Fiziği Lab, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Elektrik ve Manyetizma, Undergraduate, 2021 - 2022, 2020 - 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optical, structural, morphological, and gas sensing properties of Mg-doped  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> thin films deposited by RF and DC magnetron Co-sputtering technique**  
SARITAŞ S., Muğlu G. M., TURGUT E., KUNDAKÇI M., YILDIRIM M., Senay V.  
PHYSICA B-CONDENSED MATTER, vol.677, 2024 (SCI-Expanded)
- II. **Investigation of Optical, Structural and Electrical Properties of Heterostructure Fe<sub>2</sub>O<sub>3</sub> Deposited by RF Magnetron Sputtering on ZnO Layer by Spray Pyrolysis**  
Saritaş S., Çakıcı T., Merhan Muğlu G., Yıldırım M.  
JOURNAL OF MATERIALS SCIENCE: MATERIALS IN ELECTRONICS, vol.1, pp.1200-1215, 2022 (SCI-Expanded)
- III. **Ni: Fe<sub>2</sub>O<sub>3</sub>, Mg: Fe<sub>2</sub>O<sub>3</sub> and Fe<sub>2</sub>O<sub>3</sub> thin films gas sensor application**  
SARITAŞ S., KUNDAKÇI M., Coban O., TÜZEMEN S., YILDIRIM M.  
PHYSICA B-CONDENSED MATTER, vol.541, pp.14-18, 2018 (SCI-Expanded)
- IV. **The effect of Mg dopants on magnetic and structural properties of iron oxide and zinc ferrite thin films**  
SARITAŞ S., Sakar B., KUNDAKÇI M., YILDIRIM M.  
RESULTS IN PHYSICS, vol.9, pp.416-423, 2018 (SCI-Expanded)
- V. **Oxygen partial pressure effects on the RF sputtered p-type NiO hydrogen gas sensors**  
Turgut E., Çoban Ö., Saritaş S., Tüzemen S., Yıldırım M., Gür E.  
Applied Surface Science, vol.435, pp.880-885, 2018 (SCI-Expanded)
- VI. **Effect of copper and nickel doping on the optical and structural properties of ZnO**  
GÜNAY M. M., SARITAŞ S., ÇAKICI T., CEVİZ ŞAKAR B., YILDIRIM M.  
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.1, no.1815, pp.500081-500084, 2017 (SCI-Expanded)
- VII. **Exciting transition metal doped dilute magnetic thin films: MgO: Er and ZnO: Er**  
ÇAKICI T., SARITAŞ S., GÜNAY M. M., YILDIRIM M.  
FRONTIERS OF FUNDAMENTAL AND COMPUTATIONAL PHYSICS, vol.1, no.1815, pp.500021-500024, 2017 (SCI-Expanded)
- VIII. **ALTERATION OF THE ELECTRICAL AND MAGNETIC PROPERTIES OF IRON OXIDE BY Zn, Co AND Zn, Ni CODOPED**  
Saritaş S., TURGUT E., GÜRBULAK B., YILDIRIM M.  
International Journal of Engineering Technology and Scientific Innovation, vol.2, no.06, pp.725-742, 2017 (SCI-Expanded)
- IX. **Conversion of SILAR deposited Cu<sub>3</sub>Se<sub>2</sub> thin films to Cu<sub>2-x</sub>Se by annealing**  
ASTAM A., AKALTUN Y., YILDIRIM M.  
MATERIALS LETTERS, vol.166, pp.9-11, 2016 (SCI-Expanded)
- X. **Zinc concentration effect on structural, optical and electrical properties of Cd<sub>1-x</sub>Zn<sub>x</sub>Se thin films**  
AKALTUN Y., YILDIRIM M. A., ATEŞ A., YILDIRIM M.

MATERIALS RESEARCH BULLETIN, vol.47, no.11, pp.3390-3396, 2012 (SCI-Expanded)

- XI. **The relationship between refractive index-energy gap and the film thickness effect on the characteristic parameters of CdSe thin films**  
AKALTUN Y., YILDIRIM M. A., Ates A., YILDIRIM M.  
OPTICS COMMUNICATIONS, vol.284, no.9, pp.2307-2311, 2011 (SCI-Expanded)
- XII. **Characteristic properties of indium selenide thin films grown by the successive ionic layer adsorption and reaction method**  
ATEŞ A., ASTAM A., KUNDAKÇI M., YILDIRIM M.  
JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, vol.11, no.5, pp.644-648, 2009 (SCI-Expanded)
- XIII. **Annealing and light effect on optical and electrical properties of evaporated indium selenide thin films**  
Ateş A., KUNDAKÇI M., Astam A., YILDIRIM M.  
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.40, no.8, pp.2709-2713, 2008 (SCI-Expanded)
- XIV. **Urbach tail and electric field influence on optical properties of InSe and InSe:Er single crystals**  
KUNDAKÇI M., GURBULAK B., DOĞAN S., ATEŞ A., YILDIRIM M.  
Applied Physics A: Materials Science and Processing, vol.90, no.3, pp.479-485, 2008 (SCI-Expanded)
- XV. **Compton scattering of 59.5 keV gamma rays from p-Si sample in an external electric field**  
Demir D., Şahin Y., YILDIRIM M.  
Journal of Quantitative Spectroscopy and Radiative Transfer, vol.97, no.3, pp.381-387, 2006 (SCI-Expanded)
- XVI. **Modification of exciton binding energy in the horizontal Bridgman-Stockbarger growth of InSe by Ho doping**  
ATEŞ A., Tuzemen S., Yildirim M.  
JOURNAL OF APPLIED PHYSICS, vol.96, no.6, pp.3324-3327, 2004 (SCI-Expanded)
- XVII. **Absorption measurements in InSe : Ho single crystal under an electric field**  
ATEŞ A., GURBULAK B., Yildirim M., Tuzemen S.  
CZECHOSLOVAK JOURNAL OF PHYSICS, vol.54, no.3, pp.377-385, 2004 (SCI-Expanded)
- XVIII. **Convertibility of conductivity type in reactively sputtered ZnO thin films**  
Tuzemen S., Dogan S., ATEŞ A., Yildirim M., XIIONG G., WILKINSON J., WILLIAMS R.  
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.195, no.1, pp.165-170, 2003 (SCI-Expanded)
- XIX. **Near bandedge optical absorption processes in semi insulating and N-type GaAs**  
Yildirim T., TÜZEMEN S., Doğan S., GÜRBULAK B., Ateş A., YILDIRIM M.  
Turkish Journal of Physics, vol.26, no.1, pp.29-32, 2002 (SCI-Expanded)
- XX. **Temperature dependence of galvanomagnetic properties for lightly doped N-type Si**  
Ateş A., GÜRBULAK B., Doğan S., YILDIRIM M., TÜZEMEN S.  
Turkish Journal of Physics, vol.26, no.1, pp.73-80, 2002 (SCI-Expanded)
- XXI. **Persistent galvanomagnetic effects related to photo-quenching phenomena in lightly n-type LEC GaAs**  
Yildirim M., Tuzemen S., Gurbulak B., ATEŞ A., AYYILDIZ E.  
PHYSICA SCRIPTA, vol.63, no.2, pp.169-172, 2001 (SCI-Expanded)
- XXII. **The absorption properties of p-type TlIn<sub>x</sub>Ga(1-cursive greek chi)Se<sub>2</sub> and TlGaSe<sub>2</sub>**  
GÜRBULAK B., YILDIRIM M., ATEŞ A., Tuzemen S., Yoğurtçu Y. K.  
Turkish Journal of Physics, vol.24, no.1, pp.49-61, 2000 (SCI-Expanded)
- XXIII. **In situ optical assessment of semi insulating iron doped InP grown by liquid encapsulated Czochralski process**  
Doğan S., TÜZEMEN S., GÜRBULAK B., YILDIRIM M., ATEŞ A.  
JOURNAL OF APPLIED PHYSICS, vol.85, pp.6777-6781, 1999 (SCI-Expanded)
- XXIV. **Anomalous behaviour of galvanomagnetic effects in very lightly n-type bulk GaAs: Possible role of reverse-contrast centres**  
TÜZEMEN S., GÜRBULAK B., YILDIRIM M., Doğan S.  
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.174, no.2, pp.467-475, 1999 (SCI-Expanded)
- XXV. **Anomalous behaviour of galvanomagnetic effects in very lightly n type bulk GaAs Possible role of**

### **reverse contrast centres**

TÜZEMEN S., GÜRBULAK B., YILDIRIM M., Doğan S.

PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.174, pp.467-475, 1999 (SCI-Expanded)

- XXVI. **In situ optical assessment of semi-insulating iron doped InP grown by liquid encapsulated Czochralski process**  
Doğan S., TÜZEMEN S., GÜRBULAK B., Ates A., Yildirim M.  
JOURNAL OF APPLIED PHYSICS, vol.85, no.9, pp.6777-6781, 1999 (SCI-Expanded)
- XXVII. **Magnetic studies on electrodeposited Cu<sub>1</sub> - XCox alloy films**  
Bakkaloğlu Ö., Karahan I., EFEOĞLU H., YILDIRIM M., ÇEVİK U., Yoğurtcu Y.  
Journal of Magnetism and Magnetic Materials, vol.190, no.3, pp.193-198, 1998 (SCI-Expanded)
- XXVIII. **Growth and optical properties of Ho doped n-type indium selenide**  
Gurbulak B., Yildirim M., Abay B., TÜZEMEN S., Alieva M., Yogurtcu Y.  
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.168, no.2, pp.495-500, 1998 (SCI-Expanded)
- XXIX. **Growth and optical properties of Ho doped n type indium selenide**  
ABAY B., GÜRBULAK B., YILDIRIM M., TÜZEMEN S., YOĞURTÇU Y. K.  
PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE, vol.168, pp.495-500, 1998 (SCI-Expanded)
- XXX. **Growth and Optical Properties of Ho Doped n type InSe**  
GÜRBULAK B., YILDIRIM M., ABAY B., TÜZEMEN S., ALİEVA M., YOĞURTÇU Y. K.  
Physica Status Solidi A-Applications And Materials Science, vol.168, pp.495-500, 1998 (SCI-Expanded)
- XXXI. **Temperature dependence of galvanomagnetic properties for Er-doped and undoped n-type InSe**  
YILDIRIM M., GÜRBULAK B., ABAY B., EFEOĞLU H., TÜZEMEN S., YOĞURTÇU Y. K.  
JOURNAL OF APPLIED PHYSICS, vol.80, no.8, pp.4437-4441, 1996 (SCI-Expanded)
- XXXII. **Electrothermal investigation of the switching effect in p-type TlInSe<sub>2</sub>, TlInTe<sub>2</sub>, and TlGaTe<sub>2</sub>, chain chalcogenide semiconductors**  
Abay B., Gurbulak B., Yildirim M., Efeoglu H., Tuzemen S., YOĞURTÇU Y. K.  
JOURNAL OF ELECTRONIC MATERIALS, vol.25, no.7, pp.1054-1059, 1996 (SCI-Expanded)
- XXXIII. **Temperature dependence of magnetoresistance in neutron-irradiated and unirradiated high resistivity p-type silicon**  
YILDIRIM M., EFEOĞLU H., ABAY B., YOĞURTÇU Y. K.  
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.153, no.2, pp.473-480, 1996 (SCI-Expanded)
- XXXIV. **Electrothermal investigation of the switching phenomena in p-type TlInSe<sub>2</sub> single crystals**  
Abay B., Gurbulak B., Yildirim M., Efeoglu H., YOĞURTÇU Y. K.  
PHYSICA STATUS SOLIDI A-APPLIED RESEARCH, vol.153, no.1, pp.145-151, 1996 (SCI-Expanded)
- XXXV. **Interpreting the nonideal reverse bias C-V characteristics and importance of the dependence of Schottky barrier height on applied voltage**  
TURUT A., SAĞLAM M., EFEOĞLU H., Yalçın N., YILDIRIM M., ABAY B.  
PHYSICA B-CONDENSED MATTER, vol.205, pp.41-50, 1995 (SCI-Expanded)
- XXXVI. **INTERPRETING THE NONIDEAL REVERSE BIAS C-V CHARACTERISTICS AND IMPORTANCE OF THE DEPENDENCE OF SCHOTTKY-BARRIER HEIGHT ON APPLIED VOLTAGE**  
TURUT A., SAĞLAM M., EFEOĞLU H., Yalçın N., YILDIRIM M., ABAY B.  
PHYSICA B, vol.205, no.1, pp.41-50, 1995 (SCI-Expanded)
- XXXVII. **Barrier height enhancement by annealing CrNiCo alloy Schottky contacts on LEC GaAs**  
Türüt A., Tüzemen S., YILDIRIM M., ABAY B., SAĞLAM M.  
Solid State Electronics, vol.35, no.10, pp.1423-1426, 1992 (SCI-Expanded)

### **Articles Published in Other Journals**

- Cobalt metal doped magnesium ferrite and zinc ferrite thin films grown by Spray Pyrolysis**  
Saritaş S., Ceviz Şakar B., Turgut E., Kundakçı M., Yildirim M.  
MATERIALS TODAY : PROCEEDINGS, vol.2214, no.7853, pp.7025-7029, 2021 (Peer-Reviewed Journal)

- II. **Studies on the optical, structural and electrical properties of Sn and Sb doped magnesium ferrite (MgxFe3-xO4)**  
AKÇAY H., SARITAŞ S., KUNDAKÇI M., YILDIRIM M.  
American Institute of Physics, vol.2042, 2018 (Peer-Reviewed Journal)
- III. **Copper-substituted spinel zinc ferrite and magnesium ferrite thin films grown by spray pyrolysis**  
SARITAŞ S., TURGUT E., CEVİZ ŞAKAR B., KUNDAKÇI M., YILDIRIM M.  
AMERICAN INSTITUTE OF PHYSICS, vol.2042, 2018 (Peer-Reviewed Journal)
- IV. **Determining Natural Radiation Level in River Water of Upper Euphrates (Karasu) Basin's Part Located in Erzincan Province Borders**  
YALÇIN P., KAVAZ M., YILDIRIM M., KAM E.  
Journal of Physical Science and Application, vol.8, pp.43-52, 2018 (Peer-Reviewed Journal)
- V. **Zinc Ferrite Films Doped with Lanthanides for Gas Sensor Application**  
SARITAŞ S., TURGUT E., GÜRBULAK B., KUNDAKÇI M., YILDIRIM M.  
Journal of Physical Chemistry and Functional Materials, vol.1, pp.1-8, 2018 (Peer-Reviewed Journal)
- VI. **Alteration Of The Electrical And Magnetic Properties of Iron Oxide By Zn, Co and Zn, Ni Codoped**  
ISSN: 2456-1851 Volume:02, Issue:06 2017  
Saritaş S., Turgut E., Kundakçi M., Gürbulak B., Yıldırım M.  
International Journal of Engineering Technology and Scientific Innovation, vol.02, no.06, pp.725-742, 2017 (Peer-Reviewed Journal)
- VII. **Synthesis and Characterization of Transition Metal Co-Doped ZnO AND MgO Diluted Magnetic Semiconductor Films Prepared By Chemical Spray Pyrolysis Method, , Uot 539.2538.9-405548, Pacs: 61.50-F, Volume 1, Number 1 Pages 39-46, 2017**  
SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., ALİEVA M., YILDIRIM M.  
Journal of Baku Engineering University-Physics, 2017 (Peer-Reviewed Journal)
- VIII. **Co: Fe2O3, CoxZn1-xFe2O4 Thin Films Grown by Chemical Spray Pyrolysis for Gas Sensor**  
SARITAŞ S., KUNDAKÇI M., ÇOBAN Ö., YILDIRIM M.  
International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, vol.6, no.7, pp.1-11, 2017 (Scopus)
- IX. **Synthesis and Characterization of Transition Metal Co-Doped ZnO and MgO Diluted Magnetic Semiconductor Films Prepared Chemical Spray Pyrolysis Method,**  
SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., ALİEVA M., YILDIRIM M.  
Journal of Baku Engineering University-Physics, 2017 (Peer-Reviewed Journal)
- X. **Electrical characterization of In/p-GaSe: Cd/Au-Ge single crystal grown by Bridgman/Stockbarger method.**  
GÜRBULAK B., YILDIRIM M., DUMAN S., ŞATA M., ASHKHASI A.  
IAP, 2017 (Peer-Reviewed Journal)
- XI. **Compared with a-Fe2O3 and ZnxCoxFe3-xO4 Thin Films Grown by Chemical Spray Pyrolysis**  
Saritaş S., Turgut E., Kundakçi M., Gürbulak B., Yıldırım M.  
International Journal of Sensor Networks and Data Communications, vol.6, pp.1-7, 2017 (Peer-Reviewed Journal)
- XII. **Synthesis and Characterization of Transition Metal Co Doped ZnO and MgO Diluted Magnetic Semiconductor Films Prepared by Chemical Spray Pyrolysis Method**  
SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., ALİEVA M., YILDIRIM M.  
Journal of Baku Engineering, 2017 (Peer-Reviewed Journal)
- XIII. **Urbach s Rule and Optical Properties for TlGaS2**  
ATEŞ A., GÜRBULAK B., YILDIRIM M., DOĞAN S., DUMAN S., YILDIRIM T., TÜZEMEN S.  
Turkish Journal of Physics, 2002 (Scopus)
- XIV. **Urbach s Rule and Optical Properties for TlGaS2**  
ATEŞ A., GÜRBULAK B., YILDIRIM M., DOĞAN S., YILDIRIM T., DUMAN S., TÜZEMEN S.  
Turk J Phys, vol.26, pp.127-131, 2002 (Peer-Reviewed Journal)
- XV. **Magnetization Measurements on Electrodeposited Cu1-xCoxAlloy Films 25 451 454 2001**  
BAKKALOĞLU Ö. F., KARAHAN İ. H., EFEĞLU H., YILDIRIM M., ÇEVİK U., YOĞURTÇU Y. K.

Türk J. Phys, vol.25, pp.451-454, 2001 (Peer-Reviewed Journal)

**XVI. Optical Absorption and Photoluminescence Measurements in InP and InP Fe Bulk Crystals and Inspection of the Relations Between these Measurements**

DOĞAN S., TÜZEMEN S., GÜRBULAK B., ATEŞ A., YILDIRIM M.

Turkish Journal of Physics, vol.25, pp.551-556, 2001 (Scopus)

**XVII. Temperature Dependence of Electrical and Optical Properties for Er Doped and Undoped n-type InSe**

GÜRBULAK B., Doğan S., Aytunç A., ABAY B., CEVDET C., YILDIRIM M., TÜZEMEN S., YOĞURTÇU Y. K.

Balkan Physics Letters, vol.5, no.4, pp.2585-2588, 1997 (Peer-Reviewed Journal)

## Books & Book Chapters

**I. Bölüm 3.8 DEĞİŞEN ELEKTRİK VE MANYETİK ALANLAR İNDÜKSİYON**

YILDIRIM M.

in: Mühendisler ve Fen Bilimciler için FİZİK ELEKTRİK ve MANYETİZMA, Prof. Dr. Yusuf ŞAHİN, Prof. Dr.

Muhammed YILDIRIM, Editor, Geçit Matbaacılık ve Yayıncılık San. Tic., Erzurum, pp.221-260, 2020

**II. MÜHENDİSLER VE FEN BİLİMCİLER İÇİN FİZİK 1. CİLT SORULARI VE ÇÖZÜMLERİ**

GÜROL A., YILMAZ D., BOYDAŞ E., YILDIRIM M., DUMAN S., ŞAHİN Y., GÜRBULAK B., TURGUT G.

Atatürk Üniversitesi Yayınları No: 1233, Erzurum, 2019

**III. Fen ve Mühendisler için Fizik I. Cilt Soruları ve Çözümleri**

ŞAHİN Y., YILDIRIM M., GÜRBULAK B., GÜROL A., YILMAZ D., BOYDAŞ E., DUMAN S., TURGUT G.

Atatürk Üniversitesi Yayın Koordinatörlüğü, Erzurum, 2019

**IV. Mühendisler ve fen bilimciler için fizik 1.cilt soruları ve çözümleri**

GÜROL A., BOYDAŞ E., YILMAZ D., YILDIRIM M., DUMAN S., TURGUT G., GÜRBULAK B., ŞAHİN Y.

Atatürk Üni Yayınları No:1233, Erzurum, 2019

**V. 3. Bölüm ve 4. Bölüm**

GÜRBULAK B., TURGUT G., DUMAN S., YILDIRIM M., ŞAHİN Y., GÜROL A., YILMAZ D., BOYDAŞ E.

in: Mühendislik ve Fen Bilimciler için Fizik 1. cilt, Yusuf ŞAHİN, Muhammed YILDIRIM, Editor, Korza Yayıncılık Bilim San. ve Tic. A.Ş., Erzurum, 2018

## Refereed Congress / Symposium Publications in Proceedings

**I. Cobalt metal doped magnesium ferrite and zinc ferrite thin films grown by Spray Pyrolysis**

Turgut E., Yıldırım M., Sarıtaş S., Ceviz Şakar B., Kundakçı M.

2nd International Congress on Semiconductor Materials and Devices (ICSMD), Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.7025-7029

**II. Cobalt metal doped magnesium ferrite and zinc ferrite thin films grown by Spray Pyrolysis**

Sarıtaş S., Ceviz Şakar B., Turgut E., Kundakçı M., Yıldırım M.

2nd International Congress on Semiconductor Materials and Devices, ICSMD 2018, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.7025-7029

**III. Analysis of magnesium ferrite and nickel doped magnesium ferrite thin films grown by Spray Pyrolysis**

SARITAŞ S., Sakar B., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.

2nd International Congress on Semiconductor Materials and Devices, ICSMD 2018, Ardahan, Turkey, 28 - 30 August 2018, vol.46, pp.6920-6923

**IV. INVESTIGATION OF STRUCTURAL, OPTICAL AND GAS SENSOR PROPERTIES OF AS-DEPOSITED AND ZIRCONIUM (Zr) DOPED NiO**

TURGUT E., sevda s., YILDIRIM M., GÜR E.

HOCA AHMET YESEVİ 2nd INTERNATIONAL SCIENTIFIC RESEARCH CONGRESS 06-08 December 2019, ERZURUM, 6 - 08 December 2019, pp.464-471

- V. **COMPARISON OF THE AS DEPOSITED NiCr2O4: Zn AND NiO:Zn THIN FILMS TOGETHER WITH DEVICES GROWN BY RADIO FREQUENCY SPUTTERING TECHNIQUE**  
TURGUT E., GÜR E., YILDIRIM M., SARITAŞ S.  
MARDİN ARTUKLU INTERNATIONAL SCIENTIFIC RESEARCH CONGRESS, Mardin, Turkey, 23 September - 25 August 2019, pp.324-330
- VI. **DETERMINATION OF THE STRUCTURAL PROPERTIES OF NiO AND Al AND Zn DOPPED NiO THIN FILMS GROWN BY RADIO FREQUENCY SPUTTERING TECHNIQUE (RF) AND GAS SENSOR APPLICATION**  
TURGUT E., sevda s., GÜR E., YILDIRIM M., YEŞİLYAPRAK C.  
PCFM 2019 Kapadokya, 25 July - 27 September 2019, pp.45-51
- VII. **Comparison of the as deposited NiCr2O4:Al and NiO:Al Thin Films Together with Devices Grown By Radio Frequency Sputtering Technique**  
SARITAŞ S., TURGUT E., YILDIRIM M., GÜR E.  
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.1221-1225
- VIII. **DETERMINATION OF THE STRUCTURAL PROPERTIES OF NiCr2O4 AND Ti DOPPED NiCr2O4 THIN FILMS GROWN BY RADIO FREQUENCY SPUTTERING TECHNIQUE (RF) AND GAS SENSOR APPLICATION**  
TURGUT E., GÜR E., YILDIRIM M., SARITAŞ S.  
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.186-192
- IX. **Determination of the Structural Properties of NiCr2O4 and Ti Doped NiCr2O4 Thin Films Grown by Radio Frequency Sputtering Technique (RF) and Gas Sensor Application**  
TURGUT E., SARITAŞ S., YILDIRIM M., GÜR E.  
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, pp.1226-1229
- X. **COMPARISON OF THE AS DEPOSITED NiCr2O4: Zn AND NiO:Zn THIN FILMS TOGETHER WITH DEVICES GROWN BY RADIO FREQUENCY SPUTTERING TECHNIQUE**  
TURGUT E., SARITAŞ S., YILDIRIM M., GÜR E.  
2. ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 23 - 25 August 2019, pp.230-234
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SARITAŞ S., TURGUT E., YILDIRIM M., GÜR E.  
2. ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 23 - 25 August 2019, pp.331-338
- XII. **INVESTIGATION OF GAS SENSOR PROPERTIES OF AS-DEPOSITED AND Al, Zn DOPED NiCr2O4**  
TURGUT E., GÜR E., YILDIRIM M., SARITAŞ S.  
MARDİN ARTUKLU INTERNATIONAL SCIENTIFIC RESEARCH CONGRESS, Mardin, Turkey, 23 - 25 August 2019, pp.331-338
- XIII. **DETERMINATION OF THE STRUCTURAL PROPERTIES OF NiO AND Al AND Zn DOPPED NiO THIN FILMS GROWN BY RADIO FREQUENCY SPUTTERING TECHNIQUE (RF) AND APPLICATION OF GAS SENSOR**  
TURGUT E., GÜR E., YILDIRIM M., SARITAŞ S., yeşilyaprak c.  
PCFM'19 INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY AND FUNCTIONAL MATERIALS, Nevşehir, Turkey, 25 - 27 July 2019, pp.226-231
- XIV. **DETERMINATION OF THE STRUCTURAL PROPERTIES OF NiO AND Al AND Zn DOPPED NiO THIN FILMS GROWN BY RADIO FREQUENCY SPUTTERING TECHNIQUE (RF) AND APPLICATION OF GAS SENSOR**  
TURGUT E., GÜR E., YILDIRIM M., SARITAŞ S., yeşilyaprak c.  
PCFM'19 INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY AND FUNCTIONAL MATERIALS, Nevşehir, Turkey, 25 - 27 July 2019, pp.226-231

- XV. **Determination of The Structural Properties of NiO and Al and Zn Doped NiO Thin Films Grown by Radio Frequency Sputtering Technique (Rf) and Application of Gas Sensor**  
TURGUT E., SARITAŞ S., HABASHYANI S., GÜR E., YILDIRIM M.  
2nd International Conference on Physical Chemistry and Functional Materials (PCFM'19), Nevşehir, Turkey, 25 - 27 July 2019, pp.45-51
- XVI. **CHARACTERIZATION OF TRANSITION METAL Co, Ni, Fe-DOPED ZnO DILUTED MAGNETIC SEMICONDUCTOR FILMS GROWN BY CHEMICAL SPRAY PYROLYSIS METHOD.**  
SARITAŞ S., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.  
MAS EUROPEAN INTERNATIONAL CONGRESS ON MATHEMATICS ENGINEERING-NATURAL MEDICAL SCIENCES-V, Erzurum, Turkey, 2 - 05 April 2019, pp.165-172
- XVII. **STUDIES ON THE OPTICAL, STRUCTURAL AND ELECTRICAL PROPERTIES OF CADMIUM DOPED ZINC FERRITE AND MAGNESIUM FERRITE**  
SARITAŞ S., KUNDAKÇI M., YILDIRIM M.  
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 September 2018, pp.19-27
- XVIII. **GALLIUM DOPED SPINEL ZINC FERRITE AND MAGNESIUM FERRITE THIN FILMS GROWN BY SPRAY PYROLYSIS**  
SARITAŞ S., KUNDAKÇI M., YILDIRIM M.  
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 September 2018
- XIX. **Zn: Fe<sub>2</sub>O<sub>3</sub>, Mg: Fe<sub>2</sub>O<sub>3</sub> and Fe<sub>2</sub>O<sub>3</sub> Thin Films Grown by Spray Pyrolysis and Gas Sensor Application**  
SARITAŞ S., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.  
INTERNATIONAL CONGRESS ON ENGINEERING AND LIFE SCIENCE 26-29 APRIL 2018 KASTAMONU, 26 - 29 April 2018, pp.61-65
- XX. **Comparative Analysis Magnesium Ferrite And Nickel Doped Magnesium Ferrite Thin Films, 2nd International Congress On Semiconductor Materials And Devices**  
GÜRBULAK B., YILDIRIM M., SARITAŞ S., KUNDAKÇI M., ŞAKAR B. C.  
ICSMD 2018 Ardahan, 225-230, 28 - 30 August 2018
- XXI. **THE EFFECTS OF DOPED COBALT METAL ON THE MAGNESIUM FERRITE AND ZINC FERRITE THIN FILMS**  
SARITAŞ S., CEVİZ ŞAKAR B., TURGUT E., KUNDAKÇI M., YILDIRIM M.  
2nd International Congress on Semiconductor materials and Devices, 28 - 30 August 2018, pp.192-196
- XXII. **COMPARATIVE ANALYSIS MAGNESIUM FERRITE AND NICKEL DOPED MAGNESIUM FERRITE THIN FILMS**  
Saritaş S., Ceviz Şakar B., Kundakçi M., Gürbulak B., Yıldırım M.  
2nd International Congress on Semiconductor materials and Devices, Ardahan, Turkey, 28 - 30 August 2018, pp.197-201
- XXIII. **Growth and Structural Evaluation of InSe and InSe:Mn Binary Semiconductors**  
GÜRBULAK B., MERHAN MUĞLU G., AKÇA B., TURGUT E., KUNDAKÇI M., YILDIRIM M.  
INTERNATIONAL CONFERENCE ON PHYSICAL CHEMISTRY AND FUNCTIONAL MATERIALS, 19 - 21 June 2018
- XXIV. **Determination of Structural Properties of NiO and NiCr<sub>2</sub>O<sub>4</sub> Thin Films and Application of Gas Sensor**  
Turgut E., Saritaş S., Çoban Ö., Gür E., Tüzemen S., Yıldırım M.  
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018
- XXV. **Erdal TURGUT, Sevda SARITAŞ, Ömer ÇOBAN, Emre GÜR, ve Muhammet YILDIRIM "Reaktif Püskürtme Tekniği ile Büyütülen NiO İnce Filmlerinin Yapısal Özellikleri ve Gaz Sensörü Uygulaması" ADIM FİZİK GÜNLERİ VI, Balıkesir Üniversitesi 19-21 Temmuz 2017, BALIKESİR/TÜRKİYE, Özet Kitapçığı s.62.**  
TURGUT E., SEVDA S., ÇOBAN Ö., GÜR E., YILDIRIM M.  
ADIM FİZİK GÜNLERİ VI, Balıkesir Üniversitesi, Balıkesir, Turkey, 19 - 21 July 2017, pp.62
- XXVI. **Günay Merhan MUĞLU, Sevda SARITAŞ, Tuba ÇAKICI, Erdal TURGUT, Mutlu KUNDAKÇI, Bekir GÜRBULAK, and Muhammet YILDIRIM "Investigated Optical and Structural Characterization of Er:Fe<sub>2</sub>O<sub>3</sub> and Er:Zn<sub>x</sub>Fe<sub>3-x</sub>O<sub>4</sub> Thin Films Grown by Chemical Spray Pyrolysis" International**



Conference on Advanced Engineering Technologies, 21-23 September 2017, Bayburt, Özet Kitabı p. 1246.

ÇAKICI T., GÜRBULAK B., YILDIRIM M., TURGUT E.

sözlü sunum, 21 - 23 September 2017

- XXVII. **Investigated Optical and Structural Characterization of Al:Fe<sub>2</sub>O<sub>3</sub> and Ga:Fe<sub>2</sub>O<sub>3</sub> Thin Films Grown by Chemical Spray Pyrolysis” International Conference on Advanced Engineering Technologies, 21-23 September 2017, Bayburt, Özet Kitabı p. 1249.**  
Saritaş S., Yıldırım M., Gürbulak B., Çakıcı T., Turgut E., Merhan Muğlu G.  
sözlü sunum, Bayburt, Turkey, 21 - 23 September 2017, pp.8-10
- XXVIII. **Investigated Optical and Structural Characterization of Al:Fe<sub>2</sub>O<sub>3</sub> and Ga:Fe<sub>2</sub>O<sub>3</sub> Thin Films Grown By Chemical Spray Pyrolysis**  
SARITAŞ S., ÇAKICI T., GÜNAY M. M., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.  
International Conference on Advanced Engineering Technologies, 21 - 23 September 2017, pp.1249
- XXIX. **Investigated Optical and Structural Characterization of Al:Fe<sub>2</sub>O<sub>3</sub> and Ga:Fe<sub>2</sub>O<sub>3</sub> Thin Films Grown By Chemical Spray Pyrolysis**  
SARITAŞ S., ÇAKICI T., GÜNAY M. M., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.  
International Conference on Advanced EngineeringTechnologies, 21 - 23 September 2017, pp.1418
- XXX. **Investigated Optical and Structural Characterization of Er:Fe<sub>2</sub>O<sub>3</sub> and Er: Zn<sub>x</sub>Fe<sub>3-x</sub>O<sub>4</sub> Thin Films Grown by Chemical Spray Pyrolysis**  
GÜNAY M. M., SARITAŞ S., ÇAKICI T., TURGUT E., KUNDAKÇI M., GÜRBULAK B., YILDIRIM M.  
International Conference on Advanced EngineeringTechnologies, Bayburt, Turkey, 21 September 2017 - 23 September 2013, pp.1417
- XXXI. **Ni and Mg-doped α-Fe<sub>2</sub>O<sub>3</sub> by chemical spray pyrolysis (CSP) method**  
SARITAŞ S., ÇAKICI T., MERHAN MUĞLU G., KUNDAKÇI M., YILDIRIM M.  
” Turkish Physical Society 33rd International Physics Congress, Bodrum /Turkey, 6 - 10 September 2017
- XXXII. **Tin Doped Indium Oxide (ITO) on Different Substrate by RF Magnetron Sputtering**  
MOBTAKERİ S., Saritaş S., GÜR E., YILDIRIM M.  
türk fizik derneği 33. uluslararası fizik kongresi, Muğla, Turkey, 6 - 10 September 2017
- XXXIII. **NI AND MG-DOPED A-FE<sub>2</sub>O<sub>3</sub> BY CHEMICAL SPRAY PYROLYSIS (CSP) METHOD**  
Saritaş S., Çakıcı T., Günay M. M., Kundakçi M., Yıldırım M.  
Türk Fizik Derneği 33. Uluslararası Fizik Kongresi, İzmir, Turkey, 6 - 10 September 2017, pp.327
- XXXIV. **NI AND MG DOPED A-FE<sub>2</sub>O<sub>3</sub> BY CHEMICALSPRAY PYROLYSIS (CSP) METHOD**  
SARITAŞ S., ÇAKICI T., GÜNAY M. M., KUNDAKÇI M., YILDIRIM M.  
TÜRK FİZİK DERNEĞİ 33. ULUSLARARASI FİZİK KONGRESİ, İzmir, Turkey, 6 - 10 September 2017, pp.327
- XXXV. **Magnetic, optical and structural characterization of ZnO:Co; ZnO:Fe thin films**  
ÇAKICI T., SARITAŞ S., Muglu G., KUNDAKÇI M., YILDIRIM M.  
2nd International Conference on Advances in Natural and Applied Sciences, ICANAS 2017, Antalya, Turkey, 18 - 21 April 2017, vol.1833
- XXXVI. **Magnetic, optical and structural characterization of ZnO:Co ZnO:Fe thin films**  
ÇAKICI T., SARITAŞ S., GÜNAY M. M., KUNDAKÇI M., YILDIRIM M.  
2nd International Conference on Advances in Natural and Applied Sciences (ICANAS2017), Antalya, Turkey, 18 - 21 April 2017
- XXXVII. **A comparison study of Co and Cu doped MgO diluted magnetic thin films**  
Saritaş S., Çakıcı T., Merhan Muğlu G., Kundakçi M., Yıldırım M.  
Turkish Physical Society 32nd International Physics Congress, TPS 2016, Konacik-Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- XXXVIII. **Electrical Characterization of In/p-GaSe:Cd/Au-Ge Single Crystal Grown by Bridgman/Stockbarger Method**  
GÜRBULAK B., Sata M., Ashkhasi A., YILDIRIM M., Duman S.  
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815

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SARITAŞ S., ÇAKICI T., MUĞLU G., ŞAKAR B., YILDIRIM M.  
22. Yoğun Madde Fiziği Ankara Toplantısı (YMF22), Ankara, Turkey, 16 - 12 December 2016
- XL. **Transparan İletken AZO ve GZO Oksit İnce Film Özelliklerinin Karşılaştırmalı Çalışması**  
Saritaş S., Merhan Muğlu G., Ceviz Şakar B., Yıldırım M., Çakıcı T.  
22. Yoğun Madde Fiziği Ankara Toplantısı (YMF22), Ankara, Turkey, 16 December 2016
- XLI. **SILAR ve SOL GEL yöntemleriyle büyütülmüş CdO ince filmlerinin yapısal özelliklerinin karşılaştırılması**  
Şakar B., Saritaş S., Kundakçı M., Yıldırım M.  
22. Yoğun Madde Fiziği Ankara Toplantısı (YMF22), Ankara, Turkey, 16 December 2016
- XLII. **Detailed optical structural and electrical examination of obtained by using various thin film deposition techniques Fe<sub>2</sub>O<sub>3</sub> ZnO structure**  
SARITAŞ S., ÇAKICI T., MUĞLU G., KUNDAKÇI M., YILDIRIM M.  
Science and Applications of Thin Films, Conference Exhibition (SATF 2016), 19 - 23 September 2016
- XLIII. **Comparison Study of Co and Cu Doped MgO Diluted Magnetic Thin Films**  
SARITAŞ S., ÇAKICI T., MUĞLU G., KUNDAKÇI M., YILDIRIM M.  
TÜRK FİZİK DERNEĞİ ULUSLARARASI FİZİK KONGRESİ, 6 - 09 September 2016
- XLIV. **Exciting Transition Metal Doped Dilute Magnetic Thin Films MgO Er and ZnO Er**  
ÇAKICI T., SARITAŞ S., MERHAN MUĞLU G., YILDIRIM M.  
Uluslararası Fizik Kongresi TFD-32, 6 - 09 September 2016
- XLV. **Sevda Saritaş, Erdal Turgut, Afsoun Ashkhasi, Mutlu Kundakçı, Bekir Gürbulak ve Muhammet Yıldırım** **"Si Altık Üzerine Manyetik Özellikli Demir Oksit Yarıiletken İnce Filmlerin Kimyasal Püskürtme Tekniğiyle Büyütülmesi ve Yapısal Analizi"** 21. Yoğun Madde Fiziği Ankara Toplantısı, Gazi Üniversitesi 25 Aralık 2015, YFM-21 Özet Kitabı p.1  
TURGUT E., YILDIRIM M., GÜRBULAK B.  
Poster bildiri, Ankara, Turkey, 25 December 2015
- XLVI. **Si Altık Üzerine Manyetik Özellikli Demir Oksit Yarıiletken İnce Filmlerin Kimyasal Püskürtme Tekniğiyle Büyütülmesi ve Yapısal Analizi**  
KARATAŞ S., TURGUT E., GÜRBULAK B., Ashkhasi A., KUNDAKÇI M., YILDIRIM M.  
21. Yoğun Madde Fiziği Ankara Toplantısı, Gazi Üniversitesi, 25 Aralık 2015., Turkey, 23 - 25 December 2015
- XLVII. **Maghemite produced by Chemical Spray Pyrolysis method on different substrates**  
SARITAŞ S., KUNDAKÇI M., YILDIRIM M.  
International Semiconductor Science and Technology Conferences, 11 - 13 May 2015
- XLVIII. **Transformation from Hematite Fe<sub>2</sub>O<sub>3</sub> to Magnetite Fe<sub>3</sub>O<sub>4</sub> by H<sub>2</sub> Reduction**  
Saritaş S., KUNDAKÇI M., YILDIRIM M.  
International Semiconductor Science and Technology Conference 2015 (ISSTC 2015), 11 - 13 May 2015
- XLIX. **Transformation from Hematite Fe<sub>2</sub>O<sub>3</sub> to Magnetite Fe<sub>3</sub>O<sub>4</sub> by H<sub>2</sub> reduction**  
KUNDAKÇI M., SARITAŞ S., YILDIRIM M.  
International Semiconductor Science and Technology Conference 2015, 11 - 13 May 2015
- L. **Maghemite Produced by Chemical Spray Pyrolysis on Different Substrates**  
SARITAŞ S., KUNDAKÇI M., YILDIRIM M.  
International Semiconductor Science and Technology Congress 2015, 11 - 13 May 2015
- LI. **Sevda SARITAŞ, Erdal TURGUT, Mutlu KUNDAKÇI, Bekir GÜRBULAK, ve Muhammet YILDIRIM** **"Geçiş Metal Katkılı, Manyetik Özellikli Demir Oksit İnce Filmlerin Kimyasal Püskürtme Tekniğiyle Büyütülmesi ve Yapısal Analizi"** Yoğun Madde Fiziği İzmir İleri teknoloji Enstitüsü (IYTE), 17 Nisan 2015. IYT YMF Özet Kitabı p.23.  
TURGUT E., GÜRBULAK B., ÇAKICI T., YILDIRIM M.  
Sözlü sunum, İzmir, Turkey, 17 April 2015
- LII. **Growth Optical and Electrical Properties of In<sub>2</sub>Se<sub>3</sub> Thin Films by the SILAR Method**  
ASTAM A., KUNDAKÇI M., AKALTUN Y., YILDIRIM M. A., ATEŞ A., YILDIRIM M.

6th Internaitonal Conference of the Balkan Physical Union, İstanbul, Turkey, 22 - 26 August 2006

- LIII. **Electric Field Influence on Absorption Meseasurements in InSe and InSe:Er Single Crystals,**  
KUNDAKÇI M., GÜRBULAK B., GÜR E., YILDIRIM M.  
BPU-5 Fifth General Conference of the Balkan Phycical Union, Yugoslav Pysical Society, Serbia and Montenegro  
25-29 August 2003., 25 - 29 August 2003
- LIV. **Absorption measurement in InSe Single Crystal under an Aplied Electric Field,**  
ATEŞ A., GÜRBULAK B., GÜR E., YILDIRIM T., YILDIRIM M.  
TFD-2002 Türk Fizik derneği 21. Fizik Kongresi 11-14 Eylül 2002 ISPARTA (Poster Bildiri), Turkey, 11 - 14  
September 2002
- LV. **Influence of Electrical Field on The Optical Absorption in InSe:Er Crystals,**  
GÜRBULAK B., ATEŞ A., KUNDAKÇI M., YILDIRIM M., TÜZEMEN S.  
TFD-2002 Türk Fizik derneği 21. Fizik Kongresi 11-14 Eylül 2002 ISPARTA (Poster Bildiri), Turkey, 11 - 14  
September 2002
- LVI. **Temperature Dependence and Ho effect on the Optical Absorption of InSe and InSe:Ho Crystals.**  
ATEŞ A., GÜRBULAK B., DOĞAN S., YILDIRIM M., TÜZEMEN S.  
TFD 20. Turkish International Physics Conference 10-15 September 2001 Bodrum-TURKEY an Kos-GREECE., 10 -  
15 September 2001
- LVII. **The Optical Absorption Edge for Tl<sub>0.995</sub>GaPr<sub>0.005</sub>Se<sub>2</sub> and TlGaSe<sub>2</sub>**  
GÜRBULAK B., ATEŞ A., DOĞAN S., YILDIRIM M., EFEOĞLU H., TÜZEMEN S., YOĞURTÇU Y. K.  
BPU-4 Fourth General Conference of the Balkan Phycical Union, Veliko Turnovo, 22-27 August 2000., 22 - 27  
August 2000
- LVIII. **Temperature Dependence of Electrical and Optic Properties for Gd Doped and Undoped p-type GaSe,**  
GÜRBULAK B., DOĞAN S., ATEŞ A., ABAY B., YILDIRIM M., YOĞURTÇU Y. K., COŞKUN C.  
3th General Conferences of the Balkan Physical Union 2-5 Septenber 1997 Cnuj- Napoca, ROMANIA., 2 - 05  
September 1997
- LIX. **Optical Assesment of Bulk and Epitaxial Structures, Optical Spectroscopy of Low Dimensional  
Semiconductor Structures, NATO-ASI (Advanced Study Institute), September 9-20, 1996, Bilkent  
Üniversity, Ankara-Antalya, (Poster Presentation).**  
TÜZEMEN S., EFEOĞLU H., ABAY B., YILDIRIM M., GÜRBULAK B., YOĞURTÇU Y. K.  
NATO-ASI (Advanced Study Institute), September 9-20, 1996, Bilkent Üniversity, Ankara-Antalya, ,, 9 - 22  
September 1996
- LX. **Mapping of Infra-red Absoption Centres in Layered TlGaSe<sub>2</sub>, TlGaS<sub>2</sub> and TlInS<sub>2</sub> 7-19 October, 1994  
Barcelona- Spain, (Oral Presentation).**  
TÜZEMEN S., GÜRBULAK B., EFEOĞLU H., YILDIRIM M., YOĞURTÇU Y. K., ABAY B.  
The First International Conference on Materials for Microelectronics, 7 - 09 November 1994

## Supported Projects

YILDIRIM M., Project Supported by Higher Education Institutions, Faradayın İdüksiyon Kanununu Kullanarak Otomobil Tekerleklerinden Elektrik Üretmek - 2, 2022 - 2024

Yıldırım M., Şahin Y., Kızıltunç Özmen H., Project Supported by Higher Education Institutions, Kanser Teşhisinde Raman Spektroskopisi ve Bazı Fiziksel Yöntemlerin Kullanılabilirliğinin Araştırılması, 2021 - 2022

SARITAŞ S., GÜRBULAK B., TURGUT E., GÜR E., KUNDAKÇI M., YILDIRIM M., Project Supported by Higher Education Institutions, RF Cosputter Radyo Frekans Tekniği kullanılarak Sn kalay Mo molibden ve Cu bakır katkılı Nikel Oksit NikelKrom Oksit Yarıiletken İnce Filmlerinin Büyütülmesi Elde Edilen Filmlerin Sıcaklığa Bağlı Elektriksel ve Manyetik Özelliklerinin İncelenmesi, 2020 - 2022

YILDIRIM M., Project Supported by Higher Education Institutions, Faradayın İdüksiyon Kanununu Kullanarak Otomobil Tekerleklerinden Elektrik Üretmek, 2019 - 2022

TURGUT E., KUNDAKÇI M., YILDIRIM M., GÜR E., SARITAŞ S., Project Supported by Higher Education Institutions, RF Radyo Frekans Sıçratma Tekniği Kullanılarak Nikel Oksit ve Nikel Krom Oksit İnce Filmleri ile Al Alüminyum Zr

Zirkonyum Zn Çinko W Tungsten ve Ti Titanyum katkılı Nikel Oksit Nikel-Krom Oksit Yarıiletken İnce Filmlerinin Büyütülmesi Elde Edilen Filmlerin Yapısal Optik ve Gaz Sensörü Özelliklerinin İncelenmesi, 2019 - 2020  
YILDIRIM M., SARITAŞ S., GÜRBULAK B., KUNDAKÇI M., TURGUT E., Project Supported by Higher Education Institutions, RAYO FREKANS (RF) MAGNETRON SIÇRATMA VE KİMYASAL PÜSKÜRTME TEKNİKLERİ İLE BÜYÜTÜLEN DEMİR OKSİT İNCE FİLMLEİN FİZİKSEL VE GALVANOMANYETİK ÖZELLİKLERİNİN İNCELENMESİ, 2016 - 2017  
YILDIRIM M., SARITAŞ S., Project Supported by Higher Education Institutions, MANYETİTİN GALVANO MANYETİK ÖZELLİKLERİNİN DENEYSSEL VE TEORİK OLARAK BELİRLENMESİ, 2013 - 2015  
YILDIRIM M., TURGUT E., Project Supported by Higher Education Institutions, BAZI İKİLİ BİLEŞİK YARI İLETKEN İNCE FİLMLEİN SİLAR YÖNTEMİ KULLAILARAK BÜYÜTÜLMESİ VE YAPISAL VE ELEKTRİKSEL ÖZELLİKLERİN ARAŞTIRILMASI, 2010 - 2012  
YILDIRIM M., Project Supported by Higher Education Institutions, A3 B6 VE A3 B3 C2-6 YARI İLETKEN BİRLEŞİKLERDE GALVANOMAGNETİK VE OPTİK KARAKTERİZASYONUNUN İNCELENMESİ, 2010 - 2012  
YILDIRIM M., Project Supported by Higher Education Institutions, BAZI İKİLİ BİLEŞİK İNCE FİLMLEİN SOL-JEL METODU KULLANILARAK BÜYÜTÜLMESİ VE KARAKTERİZASYONU, 2010 - 2011

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## Non Academic Experience

ATATÜRK ÜNİVERSİTESİ

ATATÜRK ÜNİVERSİTESİ