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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Fen Fakültesi, Fizik Bölümü, Türkiye 1992 - 1996

Yüksek Lisans, Atatürk Üniversitesi, Fen Fakültesi, Fizik Bölümü, Türkiye 1990 - 1992

Lisans, Atatürk Üniversitesi, Kâzım Karabekir Eğitim Fakültesi, Fizik Eğitimi, Türkiye 1985 - 1989

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Fizik, Atom ve Molekül Fiziği, Temel Bilimler

Akademik İdari Deneyim

Ağrı İbrahim Çeçen Üniversitesi, 2017 - Devam Ediyor

Bayburt Üniversitesi, 2012 - 2013

Bayburt Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi, 2012 - 2013

Bayburt Üniversitesi, 2012 - 2013

Verdiği Dersler

KAVRAM YANILGILARI, Lisans, 2016 - 2017

Yönetilen Tezler

ŞİMŞEK Ö., PLAZMA POLİMERİZASYON TEKNİĞİNİ KULLANARAK UÇUCU YA BİLEŞENLERİNDEN ELDE EDİLEN İNCE FİLMLEİN BAZI FİZİKSEL ÖZELLİKLERİNİN VE ANTİBAKTERİYEL AKTİVİTELERİNİN BELİRLENMESİ, Doktora, Ö.BAYRAM(Öğrenci), 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Structural and optical properties of RF sputtered ZnO thin films: Annealing effect**
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- III. **Vertically oriented graphene nano-sheets grown by plasma enhanced chemical vapor deposition technique at low temperature**
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- IV. **The role of cobalt doping on the optical and structural properties of Mn₃O₄ nanostructured thin films obtained by SILAR technique**
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- V. **Investigation of structural, morphological and optical properties of Nickel-doped Zinc oxide thin films fabricated by co-sputtering**
Bayram O., ŞENER E., İĞMAN E., ŞİMŞEK Ö.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, cilt.30, sa.4, ss.3452-3458, 2019 (SCI İndekslerine Giren Dergi)
- VI. **Plasma polymerized linalool (ppLin): an antimicrobial and biocompatible coating**
ÇAKMAK K., BAYRAM Ö., SOLAK K., KABAN G., ŞİMŞEK Ö., MAVİ A.
TURKISH JOURNAL OF CHEMISTRY, cilt.43, sa.1, ss.323-334, 2019 (SCI İndekslerine Giren Dergi)
- VII. **A study on the optical, chemical and dielectric properties of PPCIN thin films derived from essential oil compounds using RF plasma polymerisation technique**
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- VIII. **Effect of doping concentration on the structural and optical properties of nanostructured Cu-doped Mn₃O₄ films obtained by SILAR technique**
Bayram O., Guney H., Ertargin M. E. , Igman E., Simsek O.
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- IX. **Synthesis and characterization of Zn-doped Mn₃O₄ thin films using successive ionic layer adsorption and reaction technique: Its structural, optical and wettability properties**
Bayram O., Ertargin M. E. , Igman E., Guney H., Simsek O.
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- X. **Effect of the number of cycles on the optical and structural properties of Mn₃O₄ nanostructures obtained by SILAR technique**
Bayram O., Simsek O., Guney H., Igman E., ÖZER M. M.
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- XI. **Investigation of the effect of RF energy on optical, morphological, chemical and antibacterial properties of PolyTerpenol thin films obtained by RF-PECVD technique**
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- XII. **Angular dependence of coherent to incoherent scattering differential cross section ratios for Zr Nb and Mo elements**
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- XIII. **Influence of deposition pressure (O₂) on the YBCO (Y123) thin films prepared by pulsed laser deposition**
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- Journal of Superconductivity and Novel Magnetism, cilt.26, sa.5, ss.1873-1877, 2013 (SCI İndekslerine Giren Dergi)
- XIV. **APPLICATION OF VARYING-FREQUENCY AMPLITUDE-ONLY TECHNIQUE FOR ELECTRICAL CHARACTERIZATION OF HARDENED CEMENT-BASED MATERIALS**
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ERTUĞRUL M., ÖZ E., ŞİMŞEK Ö., Şahin Y.
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- XVI. **Measurement of L subshell fluorescence yields of some elements in the atomic range $75 \leq Z \leq 92$ using photoionization**
Söğüt Ö., APAYDIN G., ŞİMŞEK Ö., Cengiz E., Saydam M., Küp N., Tıraşoğlu E.
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- XVII. **A calibration-independent microwave method for position-insensitive and nonsingular dielectric measurements of solid materials**
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- XVIII. **A MICROWAVE METHOD FOR UNIQUE AND NON-AMBIGUOUS PERMITTIVITY DETERMINATION OF LIQUID MATERIALS FROM MEASURED UNCALIBRATED SCATTERING PARAMETERS**
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- XIX. **A SIMPLE PROCEDURE TO SIMULTANEOUSLY EVALUATE THE THICKNESS OF AND RESISTIVE LOSSES IN TRANSMISSION LINES FROM UNCALIBRATED SCATTERING PARAMETER MEASUREMENTS**
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- XX. **AN ACCURATE COMPLEX PERMITTIVITY METHOD FOR THIN DIELECTRIC MATERIALS**
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- XXI. **A SIMPLE APPROACH FOR EVALUATING THE RECIPROCITY OF MATERIALS WITHOUT USING ANY CALIBRATION STANDARD**
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Turkmen I., ÖZDEMİR Y., KURUDİREK M., Demir F., ŞİMŞEK Ö., Demirboga R.
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- XXIV. **Trace elemental analysis of mitral valves by EDXRF**
Ates A., ŞİMŞEK Ö., Ertugral B., ERTUĞRUL M.
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- XXV. **Measurement of mass attenuation coefficients in some Cr, Co and Fe compounds around the absorption edge and the validity of the mixture rule**
Turgut U., Simsek O., BÜYÜKKASAP E.
PRAMANA-JOURNAL OF PHYSICS, cilt.69, sa.2, ss.199-207, 2007 (SCI İndekslerine Giren Dergi)
- XXVI. **X-ray attenuation coefficients of Fe compounds in the K-edge region at different energies and the validity of the mixture rule**

- Turgut U., Buyukkasap E., Simsek O., Ertugrul M.
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- XXVII. **X-ray attenuation coefficient measurements for photon energies 4.508-13.375 keV in Cu, Cr and their compounds and the validity of the mixture rule**
 Turgut U., Simsek O., BÜYÜKKASAP E., Ertugrul M.
 ANALYTICA CHIMICA ACTA, cilt.515, sa.2, ss.349-352, 2004 (SCI İndekslerine Giren Dergi)
- XXVIII. **Measurement of K to L shell vacancy transfer probabilities for the elements $46 \leq Z \leq 55$ by photoionization**
 ŞİMŞEK Ö., Karagöz D., ERTUĞRUL M.
 Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.58, sa.10, ss.1859-1865, 2003 (SCI İndekslerine Giren Dergi)
- XXIX. **Photon-induced L-3 subshell X-ray intensity ratios for Re, Au, Tl and Pb**
 Simsek O.
 PHYSICA SCRIPTA, cilt.67, sa.4, ss.301-305, 2003 (SCI İndekslerine Giren Dergi)
- XXX. **Inelastic scattering of 59.5 keV photons at small momentum transfers by Ti, Fe and Ni elements**
 ŞİMŞEK Ö., ERTUĞRUL M., KARABULUT A., Budak G.
 Journal of Quantitative Spectroscopy and Radiative Transfer, cilt.75, sa.6, ss.741-746, 2002 (SCI İndekslerine Giren Dergi)
- XXXI. **K shell fluorescence yields for elements with $33 \leq Z \leq 53$ using 59.5 keV photons**
 Imşek Ö., Ertugrul M., KARAGÖZ D., BUDAK G., Karabulut A., Yılmaz S., Doan O., Turgut Ü., Söüt Ö., POLAT R., et al.
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- XXXII. **Measurement of K shell fluorescence cross sections and K shell fluorescence yields for the atomic region $22 \leq Z \leq 64$ by 59.5 keV photons**
 Simsek O., YILMAZ S., KARAGÖZ D., Ertugrul M.
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- XXXIII. **Reply to "Comment on 'Coster-Kronig L-shell yield $f(23)$ of Dy, W, and Bi' "**
 ŞİMŞEK Ö., ERTUĞRUL M.
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- XXXIV. **Measurement of probabilities of radiative vacancy transfer from the L-3 subshell to the M shell and the N shell for Pb, Th and U**
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- XXXV. **Measurement of $K\beta_2/K\beta_1$ and $K\beta_2/K\alpha_1$ relative intensities with Co-57 for heavy elements**
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- XXXVI. **X-Ray attenuation coefficients at different energies and the validity of the mixture rule for compounds around the absorption edge**
 TURGUT Ü., ŞİMŞEK Ö., Buyukkasap E., ERTUĞRUL M.
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- XXXVII. **Fit values of M subshell fluorescence yields and Coster-Kronig transitions for elements with $20 \leq Z \leq 90$**
 SÖĞÜT Ö., BÜYÜKKASAP A. Ç., KÜÇÜKÖNDER A., ERTUĞRUL M., DOĞAN O., ERDOĞAN H., ŞİMŞEK Ö.
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- XXXVIII. **Measurement of L subshell x-ray production cross-sections at energy 31.635 keV and L subshell fluorescence yields for elements $74 \leq Z \leq 92$**
 ERTUĞRUL M., Kaya A., Dogan O., Turgut U., Simsek O., Sogut O., Karagoz D.

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- XL. **Measurement of K beta/K alpha intensity ratios for elements in the range $22 \leq Z \leq 69$ at 59.5 keV**
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JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS, cilt.34, sa.5, ss.909-914, 2001 (SCI İndekslerine Giren Dergi)
- XLI. **L-2 sub-shell Coster-Kronig yield at $Z=76$ and 81**
Simsek O.
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- XLII. **X-ray fluorescence spectrometry analysis of trace elements in fly ash samples of Yenikoy Thermal Power Plants**
Dogan O., Simsek O., Ertugrul M., Kobya M.
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- XLIII. **Measurement of relative intensities of L-3-subshell x rays in some high-Z elements**
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PHYSICAL REVIEW A, cilt.63, sa.1, 2001 (SCI İndekslerine Giren Dergi)
- XLIV. **Experimental study on coherent scattering of 59.54 keV gamma rays by Ag, In, and Sn**
Simsek O., Ertugrul M.
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- XLV. **Coster-Kronig L-shell yield $f(23)$, of Dy, W, and Bi**
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JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS, cilt.33, sa.18, ss.3773-3778, 2000 (SCI İndekslerine Giren Dergi)
- XLVIII. **Measurement of K shell fluorescence yields of some elements in the atomic range $22 \leq Z \leq 30$ using photoionisation**
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- L. **A new method for the determination of incoherent differential scattering cross sections**
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- LI. **A simple method to measure the differential coherent scattering cross-sections of elements**
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- LII. **Relative L X-ray fluorescence cross-sections in heavy elements in the energy region of 16-122 keV**
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- LIII. **Measurement of L shell fluorescence yields of seven elements in the atomic number range $79 \leq Z \leq 92$ using photoionization**
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- LV. **Measurement of total atomic attenuation, total atomic photoelectric and total atomic scattering cross sections in the range $40 \leq Z \leq 52$**
BUDAK G., KARABULUT A., Şimşek Ö., Ertugrul M.
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- LVI. **Measurement of K shell fluorescence yield of some elements in the atomic range $55 \leq Z \leq 62$ using photoionisation**
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- LVIII. **Determination of X-ray total attenuation coefficient in Zr, Ag, In for energy range between 10.5-111.9 keV**
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- LIX. **Measurement of LI, L alpha, L beta and L gamma X-ray fluorescence cross-sections in heavy elements excited by 59.5 and 123.6 keV photons**
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- LX. **Thickness effect on the $K\beta/K\alpha$ intensity ratio of Mo**
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- LXI. **Determination of total attenuation cross sections of Ti, Fe, Ni, Zn between 4.551-111.898 keV energy range**
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- LXII. **Measurement of radiative vacancy distributions for the L(2), L(3) subshell and M shell of some elements with atomic range $69 \leq Z \leq 92$**
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- LXV. **Analysis of titanium and zirconium in red mud with energy dispersive X-ray spectrometry**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **CVD VE PECVD TEKNİĞİ KULLANILARAK BAKIR FOLYOLAR ÜZERİNDE GRAFEN NANOYAPILARIN ELDE EDİLMESİ VE KARAKTERİZASYONU**
BAYRAM Ö., İĞMAN E., ŞİMŞEK Ö.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, cilt.8, sa.2, ss.1126-1134, 2019 (Diğer Kurumların Hakemli Dergileri)
- II. **YBa₂Cu₃O_{7-δ} Thin Film Growth on Different Substrates by Pulsed Laser Deposition**
YURTCAN M. T. , ŞİMŞEK Ö., BAYRAM Ö., ERTUĞRUL M.
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- III. **TÜRKİYE'DEKİ ÖĞRETİM PROGRAMLARINDA RADYASYONKONUSUNUN YERİ**
KARACA S., ŞİMŞEK Ö.
INES JOURNAL, 2017 (Diğer Kurumların Hakemli Dergileri)
- IV. **Characterization of Plasma Polymerised Polyaniline Thin Films**
BAYRAM Ö., ŞİMŞEK Ö., KHANGHAH M. F. , YURTCAN M. T.
International Journal of Scientific and Technology Research (IJSTR), cilt.3, ss.1-7, 2017 (Diğer Kurumların Hakemli Dergileri)
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