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### Kişisel Bilgiler

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### Eğitim Bilgileri

Yüksek Lisans, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 1998 - 1998

Doktora, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 1990 - 1990

Lisans, Atatürk Üniversitesi, Kâzım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, Türkiye 1982 - 1982

### Yabancı Diller

İngilizce, B1 Orta

### Araştırma Alanları

Fizik, Atom ve Molekül Fiziği, Atom ve Moleküllerin Elektronik Yapısı Kuramı, Nükleer Fizik, Radyoaktif bozunum ve in-beam spektroskopisi, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Fizik, 2006 - Devam Ediyor

Dr. Öğr. Üyesi, Karadeniz Teknik Üniversitesi, Fen Fakültesi, Fizik, 1994 - 2020

Doç. Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Fizik, 2000 - 2006

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- Demonstration of better superconducting performance in a solder with low lead content**  
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- VI. **The semi-empirical determination of KLL Auger, K-alpha 1 and K-alpha 2 X-ray line widths for sulfur atom in new 1,2,4-triazol compounds containing thiophene ring**  
AYLIKCI N. K., Sancak K., Aylikci V., Tirasoglu E., Unluer D., Depci T.  
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- VIII. **Structure Effect on K Shell Fluorescence Parameters at Bis-4-Bromobenzy1-1, 2, 4-Triazol-3-Ones**  
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- APAYDIN G., TIRAŞOĞLU E.  
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- XXVI. **Analysis of Metal Contents of Seaweed (*Ulva lactuca*) from Istanbul, Turkey by EDXRF**  
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- XXVII. **Chemical Effect on K Shell X-ray Fluorescence Parameters and Radiative Auger Ratios of Co, Ni, Cu, and Zn Complexes**  
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- XXVIII. **Alloying effect on K shell X-ray fluorescence parameters and radiative Auger ratios of Co and Zn in  $Zn_xCo_{1-x}$  alloys**  
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- XXIX. **Analysis of Trace Element Concentrations of Some Lichens of Turkey**  
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- XXX. **Influence of chemical effect on the K-shell X-ray production cross-sections and radiative Auger ratios of Zn complexes**  
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- XXXIV. **Investigation by XRF and XRD of Zn and Fe in  $\text{Fe}_x\text{Zn}_{1-x}$  thin films**  
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- XXXVIII. **Influence of functional group effect on the K-shell X-ray production cross-sections and average fluorescence yields of sulphur in 1,2,4-triazol-5-one compounds containing thiophene**  
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- XXXIX. **Determination of K shell X-ray intensity ratios for some heavy elements**  
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- XL. **Measurement of L shell X-ray production and average L shell fluorescence yields for some heavy elements at 123.6 keV**  
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- XLI. **Investigation of Coster-Kronig transition probabilities ( $L-1 \rightarrow L-2$ ,  $L-1 \rightarrow L-3$ , and  $L-2 \rightarrow L-3$ ) for Hf and Hf compounds**  
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- XLII. **Determination of K shell absorption jump factors and jump ratios in the elements between Tm(Z=69) and Os(Z=76) by measuring K shell fluorescence parameters**  
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- XLIII. **Measurement of angular dependence of M X-ray production cross-sections in Re, Bi and U at 5.96 keV**  
APAYDIN G., TIRAŞOĞLU E., Sogut O.  
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- XLIV. **K shell, L shell-subshell and M shell-subshell photoeffect cross-sections in elements between Tb (Z=65) and U (Z=92) at 123.6 keV**  
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- XLV. **K-shell absorption jump factors and jump ratios in elements between Tm (Z=69) and Os (Z=76)**

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- XLVII. **Chemical effect on the L X-ray cross-sections and average fluorescence yields of Hf compounds**  
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- XLVIII. **Measurement of K shell fluorescence cross-section of Ca and K compounds**  
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- XLIX. **Elemental concentration analysis in some plant samples by EDXRF at Trabzon**  
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- LI. **Determination of probabilities of vacancy transfer from K to L shell using K X-ray intensity ratios**  
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- LII. **Determination of trace elements in cole (Brassica oleraceae var. acephale) at Trabzon region in Turkey**  
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- LIII. **Total M shell X-ray production cross sections and average fluorescence yields in 11 elements from Tm to U at photon energy of 5.96 keV**  
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- LIV. **Mass attenuation coefficients of YBaCuO and BiPbSrCaCuO superconductors at 511, 661 and 1274keV energies**  
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- LV. **Analysis of elements in some lichens by radioisotope X-ray fluorescence spectrometry**  
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- LVI. **Chemical effects on L-alpha, L-beta, L-gamma, L-I, and L-eta X-ray production cross-sections and L-i/L-alpha X-ray intensity ratios of Hg, Pb, and Bi compounds at 59.54 keV**  
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- LVII. **Measurement of diffusion coefficients of Ag in YBa2Cu3O7 by the EDXRF technique**  
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- LVIII. **Elemental analysis of Akcaabat tobacco and its ash by EDXRF spectrometry**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Analysis the Metal Composition of Fish Samples Collected From Karacaören II Dam Lake**  
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## **Metrikler**

Yayın: 104

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## **Akademi Dışı Deneyim**

National Education Delopment Project 1997 USA