

# Prof. ENGİN TIRAŞOĞLU

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## Education Information

Doctorate, Ataturk University, Turkey 1990 - 1994

## Research Areas

Physics, Atomic and Molecular Physics, Theory of Atoms and Molecules, Nuclear physics, Radioactive decay and in-beam spectroscopy, Natural Sciences

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Fizik, 2006 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Evaluation of ecological risk, source, and spatial distribution of some heavy metals in marine sediments in the Middle and Eastern Black Sea region, Turkey**  
Apaydin A., Kabaoglu H., APAYDIN G., ŞİRİN M., Cengiz E., Koksal O. K., BALTAŞ H., TIRAŞOĞLU E.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.5, pp.7053-7066, 2022 (Journal Indexed in SCI)
- II. **Determination of L-shell fluorescence parameters of thallium in thallium compounds**  
Cengiz E., TIRAŞOĞLU E., APAYDIN G., Koksal O. K.  
SPECTROSCOPY LETTERS, vol.54, no.4, pp.274-280, 2021 (Journal Indexed in SCI)
- III. **Determination of trace elements in cabbage (Brassica oleracea L.var.acephale) and its grown soil at the Black sea region in Turkey**  
AKSOY C., Kabaoglu H., ŞAHİN TİMAR Z., Binay E., Aksoy H., TIRAŞOĞLU E.  
Spectroscopy Letters, vol.53, pp.671-684, 2020 (Journal Indexed in SCI)
- IV. **Elemental Analysis of Tea Leaves (Camellia Sinensis) and Their Own Soils at Eastern Black Sea Region in Turkey**  
AKSOY C., Kabaoglu H., Apaydin G., Safi A., Tirasoglu E.  
SPECTROSCOPY AND SPECTRAL ANALYSIS, vol.40, no.4, pp.1315-1320, 2020 (Journal Indexed in SCI)
- V. **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.  
CHEMICAL PHYSICS LETTERS, vol.706, pp.40-46, 2018 (Journal Indexed in SCI)
- VI. **K X-ray fluorescence parameters of peripherally and non-peripherally tetra-substituted zinc (II) phthalocyanines**  
Cengiz E., DOĞAN M., BIYIKLIOĞLU Z., ÇAKIR D., TIRAŞOĞLU E., APAYDIN G.

CANADIAN JOURNAL OF PHYSICS, vol.95, no.2, pp.125-129, 2017 (Journal Indexed in SCI)

- VII. **Structure Effect on K Shell Fluorescence Parameters at Bis-4-Bromobenzy1-1, 2, 4-Triazol-3-Ones**  
Aylikci V., ÜNVER Y., Aylikci N. K. , TIRAŞOĞLU E., SANCAK K., LAGAP Z.  
SPECTROSCOPY AND SPECTRAL ANALYSIS, vol.36, no.12, pp.4120-4124, 2016 (Journal Indexed in SCI)
- VIII. **Measurement of L-III Subshell Absorption Jump Parameters of Hafnium**  
CENGİZ E., Sarıtaş N., Dogan M., KÖKSAL O. K. , Karabulut K., APAYDIN G., Tıraşoğlu E.  
SPECTROSCOPY AND SPECTRAL ANALYSIS, vol.35, pp.3544-3548, 2015 (Journal Indexed in SCI)
- IX. **L shell X-ray fluorescence parameters of Pb in phthalocyanine complexes**  
Dogan M., Cengiz E., Nas A., Tıraşoğlu E., Kantekin H., Aylikci V.  
APPLIED RADIATION AND ISOTOPES, vol.104, pp.43-48, 2015 (Journal Indexed in SCI)
- X. **The fluorescence parameters of Zr and Sb compounds**  
Aksoy C., DOĞAN M., TIRAŞOĞLU E.  
RADIATION PHYSICS AND CHEMISTRY, vol.107, pp.178-182, 2015 (Journal Indexed in SCI)
- XI. **K shell X-ray fluorescence parameters of Co, Ni, Cu and Zn in phthalocyanine complexes**  
Dogan M., Cengiz E., Dilber G., Nas A., Tıraşoğlu E., Kantekin H.  
RADIATION PHYSICS AND CHEMISTRY, vol.101, pp.30-35, 2014 (Journal Indexed in SCI)
- XII. **Alloying effect on K-shell fluorescence parameters of porous NiTi shape memory alloys**  
Cengiz E., Ozkendir O. M. , Kaya M., TIRAŞOĞLU E., Karahan I. H. , Kimura S., Hajiri T.  
JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol.192, pp.55-60, 2014 (Journal Indexed in SCI)
- XIII. **Traces of Defects in the Electronic Structure of Porous Ni-Ti Alloys**  
Ozkendir O. M. , Cengiz E., TIRAŞOĞLU E., Kaya M., Karahan I. H. , Orhan N.  
JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY, vol.29, no.4, pp.344-348, 2013 (Journal Indexed in SCI)
- XIV. **Structure and anion effect on conductivity and K and L shell fluorescence parameters at green solvents**  
Aylikci V., ÜNVER Y., Dugdu E., TIRAŞOĞLU E., Aylikci N. K. , Unluer D., SANCAK K., Kahoul A., Dogan M., Cengiz E., et al.  
CHEMICAL PHYSICS LETTERS, vol.556, pp.365-371, 2013 (Journal Indexed in SCI)
- XV. **Determination of K shell fluorescence cross-section and K-beta/K-alpha intensity ratios for Fe, Se, Te, FeSe, FeTe and TeSe**  
Saydam M., AKSOY C., Cengiz E., Alasalvar C., TIRAŞOĞLU E., APAYDIN G.  
RADIATION PHYSICS AND CHEMISTRY, vol.81, no.12, pp.1837-1841, 2012 (Journal Indexed in SCI)
- XVI. **Calculation of vacancy transfer probabilities from K to L shell using the X-ray fluorescence parameters**  
APAYDIN G., TIRAŞOĞLU E.  
RADIATION PHYSICS AND CHEMISTRY, vol.81, no.10, pp.1593-1594, 2012 (Journal Indexed in SCI)
- XVII. **Reply to comments on 'The investigations on K and L X-ray fluorescence parameters of gold compounds'**  
Cengiz E., Aylikci V., TIRAŞOĞLU E., APAYDIN G.  
RADIATION PHYSICS AND CHEMISTRY, vol.81, no.2, pp.143-145, 2012 (Journal Indexed in SCI)
- XVIII. **Chemical effects on the L-shell X-ray fluorescence parameters of Ta and W compounds**  
AKSOY C., TIRAŞOĞLU E., Cengiz E., APAYDIN G., Saydam M., Aylikci V., Aylikci N. K.  
JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA, vol.184, pp.556-560, 2012 (Journal Indexed in SCI)
- XIX. **Effect of pH treatment on K-shell x-ray intensity ratios and K-shell x-ray-production cross sections in ZnCo alloys**  
Aylikci N. K. , Aylikci V., Kahoul A., TIRAŞOĞLU E., Karahan I. H. , Cengiz E.  
PHYSICAL REVIEW A, vol.84, no.4, 2011 (Journal Indexed in SCI)
- XX. **Measurement of K-shell jump ratios and jump factors for some elements in  $76 \leq Z \leq 92$  using EDXRF spectrometer**  
KAYA N. S. , APAYDIN G., TIRAŞOĞLU E.

- RADIATION PHYSICS AND CHEMISTRY, vol.80, no.6, pp.677-681, 2011 (Journal Indexed in SCI)
- XXI. **K-shell X-ray fluorescence parameters of some heavy elements and compounds**  
Cengiz E., TIRAŞOĞLU E., APAYDIN G., Aylikci V., Aylikci N. K. , AKSOY C.  
RADIATION PHYSICS AND CHEMISTRY, vol.80, no.3, pp.328-334, 2011 (Journal Indexed in SCI)
- XXII. **Alloying effect on K X-ray intensity ratios, K X-ray production cross-sections and radiative Auger ratios in superalloys constitute from Al, Ni and Mo elements**  
Aylikci N. K. , TIRAŞOĞLU E., Karahan I. H. , Aylikci V., Eskil M., Cengiz E.  
CHEMICAL PHYSICS, vol.377, pp.100-108, 2010 (Journal Indexed in SCI)
- XXIII. **Investigation on L-shell X-ray fluorescence parameters for heavy elements and compounds**  
CENGİZ E., TIRAŞOĞLU E., Aylikci V., APAYDIN G., Aylikci N. K.  
CHEMICAL PHYSICS LETTERS, vol.498, pp.107-112, 2010 (Journal Indexed in SCI)
- XXIV. **The investigations on K and L X-ray fluorescence parameters of gold compounds**  
Cengiz E., TIRAŞOĞLU E., Aylikci V., APAYDIN G.  
RADIATION PHYSICS AND CHEMISTRY, vol.79, no.8, pp.809-815, 2010 (Journal Indexed in SCI)
- XXV. **Analysis of Metal Contents of Seaweed (*Ulva lactuca*) from Istanbul, Turkey by EDXRF**  
APAYDIN G., Aylikci V., Cengiz E., Saydam M., Kup N., TIRAŞOĞLU E.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.10, no.2, pp.215-220, 2010 (Journal Indexed in SCI)
- XXVI. **Chemical Effect on K Shell X-ray Fluorescence Parameters and Radiative Auger Ratios of Co, Ni, Cu, and Zn Complexes**  
Cengiz E., BIYIKLIOĞLU Z., AYLIKCI N. K. , AYILKCI V., APAYDIN G., TIRAŞOĞLU E., KANTEKİN H.  
CHINESE JOURNAL OF CHEMICAL PHYSICS, vol.23, no.2, pp.138-144, 2010 (Journal Indexed in SCI)
- XXVII. **Alloying effect on K shell X-ray fluorescence parameters and radiative Auger ratios of Co and Zn in  $Zn_xCo_{1-x}$  alloys**  
Aylikci N. K. , TIRAŞOĞLU E., Karahan I. H. , Aylikci V., Cengiz E., APAYDIN G.  
CHEMICAL PHYSICS LETTERS, vol.484, pp.368-373, 2010 (Journal Indexed in SCI)
- XXVIII. **Analysis of Trace Element Concentrations of Some Lichens of Turkey**  
ASLAN A., Apaydin G., YAZICI K., Cengiz E., Aylikci V., TIRAŞOĞLU E.  
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.1, pp.389-400, 2010 (Journal Indexed in SCI)
- XXIX. **Influence of chemical effect on the K-shell X-ray production cross-sections and radiative Auger ratios of Zn complexes**  
AYLIKCI V., BIYIKLIOĞLU Z., CENGİZ E., AYLIKCI N. K. , APAYDIN G., AKSOY C., TIRAŞOĞLU E., KANTEKİN H.  
CHEMICAL PHYSICS, vol.365, no.3, pp.144-149, 2009 (Journal Indexed in SCI)
- XXX. **Influence of alloying effect on X-ray fluorescence parameters of Co and Cu in CoCuAg alloy films**  
AYLIKCI N. K. , TIRAŞOĞLU E., Apaydin G., Cengiz E., Aylikci V., Bakkaloglu O. F.  
CHEMICAL PHYSICS LETTERS, vol.475, pp.135-140, 2009 (Journal Indexed in SCI)
- XXXI. **Measurement of L subshell fluorescence yields of some elements in the atomic range  $75 \leq Z \leq 92$  using photoionization**  
Sogut O., APAYDIN G., ŞİMŞEK Ö., CENGİZ E., Saydam M., Kup N., TIRAŞOĞLU E.  
RADIATION PHYSICS AND CHEMISTRY, vol.78, no.5, pp.307-310, 2009 (Journal Indexed in SCI)
- XXXII. **Studies on mass attenuation coefficients, effective atomic numbers and electron densities for CoCuAg alloy thin film**  
APAYDIN G., Cengiz E., TIRAŞOĞLU E., Aylikci V., Bakkaloglu O. F.  
PHYSICA SCRIPTA, vol.79, no.5, 2009 (Journal Indexed in SCI)
- XXXIII. **Investigation by XRF and XRD of Zn and Fe in  $FexZn_{1-x}$  thin films**  
Sogut O., Butun H., Karahan I. H. , TIRAŞOĞLU E., APAYDIN G.  
PHYSICA SCRIPTA, vol.78, no.6, 2008 (Journal Indexed in SCI)
- XXXIV. **Influence of Chemical Effect on the K-beta/K-alpha Intensity Ratios and K-beta Energy Shift of Co, Ni, Cu, and Zn Complexes**  
APAYDIN G., AYLIKCI V., BIYIKLIOĞLU Z., TIRAŞOĞLU E., KANTEKİN H.  
CHINESE JOURNAL OF CHEMICAL PHYSICS, vol.21, no.6, pp.591-595, 2008 (Journal Indexed in SCI)

- XXXV. **An L(III) (2P(3/2)) subshell absorption jump ratio and jump factor for bismuth**  
KAYA N. S. , KOBYA A. I. , TIRAŞOĞLU E., APAYDIN G.  
JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS, vol.41, no.22, 2008 (Journal Indexed in SCI)
- XXXVI. **Chemical effects on K and L shell production cross sections and transfer probabilities in Nb compounds**  
Cengiz E., Aylikci V., KAYA N. S. , APAYDIN G., TIRAŞOĞLU E.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.278, no.1, pp.89-96, 2008 (Journal Indexed in SCI)
- XXXVII. **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**  
Aylikci V., Cengiz E., APAYDIN G., ÜNVER Y., SANCAK K., TIRAŞOĞLU E.  
CHEMICAL PHYSICS LETTERS, vol.461, pp.332-337, 2008 (Journal Indexed in SCI)
- XXXVIII. **Determination of K shell X-ray intensity ratios for some heavy elements**  
APAYDIN G., Aylikci V., Cengiz E., KAYA N. S. , Kobya Y., TIRAŞOĞLU E.  
RADIATION PHYSICS AND CHEMISTRY, vol.77, no.8, pp.923-927, 2008 (Journal Indexed in SCI)
- XXXIX. **Measurement of L shell X-ray production and average L shell fluorescence yields for some heavy elements at 123.6 keV**  
APAYDIN G., Aylikci V., KAYA N. S. , CENGİZ E., TIRAŞOĞLU E.  
ACTA PHYSICA POLONICA A, vol.113, no.6, pp.1629-1638, 2008 (Journal Indexed in SCI)
- XL. **Investigation of Coster-Kronig transition probabilities (L-1 -> L-2, L-1 -> L-3, and L-2 -> L-3) for Hf and Hf compounds**  
Cengiz E., APAYDIN G., Aylikci V., Kaya N., TIRAŞOĞLU E.  
JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN, vol.77, no.5, 2008 (Journal Indexed in SCI)
- XLI. **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**  
KAYA N. S. , TIRAŞOĞLU E., APAYDIN G.  
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.266, no.7, pp.1043-1048, 2008 (Journal Indexed in SCI)
- XLII. **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.  
EUROPEAN PHYSICAL JOURNAL D, vol.46, no.3, pp.487-492, 2008 (Journal Indexed in SCI)
- XLIII. **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**  
KAYA N. S. , APAYDIN G., AYLIKCI V., CENGİZ E., TIRAŞOĞLU E.  
RADIATION PHYSICS AND CHEMISTRY, vol.77, no.2, pp.101-106, 2008 (Journal Indexed in SCI)
- XLIV. **K-shell absorption jump factors and jump ratios in elements between Tm (Z=69) and Os (Z=76) derived from new mass attenuation coefficient measurements**  
Kaya N., Tirasoglu E., Apaydin G., Aylikci V., Cengiz E.  
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.262, no.1, pp.16-23, 2007 (Journal Indexed in SCI)
- XLV. **Chemical effect on the K and L shell intensity ratios of Hf compounds**  
Aylikci V., Tirasoglu E., Apaydin G., Kaya N., CENGİZ E.  
PHYSICA SCRIPTA, vol.76, no.1, pp.31-36, 2007 (Journal Indexed in SCI)
- XLVI. **Chemical effect on the L X-ray cross-sections and average fluorescence yields of Hf compounds**  
Aylikci V., Apaydin G., Tirasoglu E., Kaya N., CENGİZ E.  
CHEMICAL PHYSICS, vol.332, pp.348-352, 2007 (Journal Indexed in SCI)
- XLVII. **Measurement of K shell fluorescence cross-section of Ca and K compounds**  
Tirasoglu E., Sogut O., TEKBIYIK A., Apaydin G., ERTUGRUL B.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.103, no.2, pp.275-280, 2007 (Journal Indexed in SCI)

- XLVIII. Elemental concentration analysis in some plant samples by EDXRF at Trabzon**  
Tirasoglu E., Sogut O., Apaydin G., Aylikci V., DAMLA N.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.102, no.3, pp.396-401, 2006 (Journal Indexed in SCI)
- XLIX. Measurements of K shell X-ray production cross sections and fluorescence yields of elements in the atomic number range  $65 \leq Z \leq 92$  at 123.6 keV**  
Apaydin G., Tıraşoğlu E.  
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, vol.246, no.2, pp.303-308, 2006 (Journal Indexed in SCI)
- L. Determination of probabilities of vacancy transfer from K to L shell using K X-ray intensity ratios**  
ERTUGRAL B., APAYDIN G., TEKBIYIK A., TIRASOGLU E., Cevik U., KOBYA A. İ., ERTUGRUL M.  
EUROPEAN PHYSICAL JOURNAL D, vol.37, no.3, pp.371-375, 2006 (Journal Indexed in SCI)
- LI. Determination of trace elements in cole (Brassica oleraceae var. acephale) at Trabzon region in Turkey**  
TIRASOGLU E., Cevik U., ERTUGRAL B., APAYDIN G., BALTAS H., ERTUGRUL M.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.94, no.2, pp.181-187, 2005 (Journal Indexed in SCI)
- LII. 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**  
APAYDIN G., TIRASOGLU E., Cevik U., ERTUGRAL B., BALTAS H., ERTUGRUL M., KOBYA A. İ.  
RADIATION PHYSICS AND CHEMISTRY, vol.72, no.5, pp.549-554, 2005 (Journal Indexed in SCI)
- LIII. Mass attenuation coefficients of YBaCuO and BiPbSrCaCuO superconductors at 511, 661 and 1274keV energies**  
BALTAS H., Cevik U., TIRASOGLU E., ERTUGRAL B., APAYDIN G., KOBYA A. İ.  
RADIATION MEASUREMENTS, vol.39, no.1, pp.33-37, 2005 (Journal Indexed in SCI)
- LIV. Analysis of elements in some lichens by radioisotope X-ray fluorescence spectrometry**  
ASLAN A., BUDAK G., TIRASOGLU E., KARABULUT A., KARAGOZ Y. S., APAYDIN G., ERTUGRAL B., Cevik U.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.8, pp.740-747, 2004 (Journal Indexed in SCI)
- LV. 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**  
TIRASOGLU E., Cevik U., ERTUGRAL B., APAYDIN G., ERTUGRUL M., KOBYA A. İ.  
EUROPEAN PHYSICAL JOURNAL D, vol.26, no.3, pp.231-236, 2003 (Journal Indexed in SCI)
- LVI. Measurement of diffusion coefficients of Ag in YBa2Cu3O7 by the EDXRF technique**  
DOGAN O., ERTUGRUL M., Cevik U., BACAKSIZ E., TIRASOGLU E., KOBYA A. İ., ERDOGAN H.  
X-RAY SPECTROMETRY, vol.32, no.5, pp.363-366, 2003 (Journal Indexed in SCI)
- LVII. Elemental analysis of Akcaabat tobacco and its ash by EDXRF spectrometry**  
Cevik U., ERGEN E., BUDAK G., KARABULUT A., TIRASOGLU E., APAYDIN G., KOPYA A.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.78, pp.409-415, 2003 (Journal Indexed in SCI)
- LVIII. Measurement of K to L shell vacancy transfer probabilities for the elements  $52 \leq Z \leq 68$**   
ERTUGRAL B., Cevik U., TIRASOGLU E., KOPYA A., ERTUGRUL M., DOGAN O.  
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, vol.78, no.2, pp.163-169, 2003 (Journal Indexed in SCI)
- LIX. Measurements of L-I, L-alpha, L-eta, L-beta and L-gamma X-ray fluorescence cross-sections in  $70 \leq Z \leq 92$  elements excited by 59.543 keV photons**  
TIRASOGLU E., Cevik U., ERTUGRAL B., ATALAY Y., KOPYA A.  
RADIATION PHYSICS AND CHEMISTRY, vol.60, pp.11-16, 2001 (Journal Indexed in SCI)
- LX. Levels of cesium radionuclides in lichens and mosses from the province of Ordu in the Eastern Black Sea area of Turkey**  
SAKA A., Cevik U., BACAKSIZ E., KOPYA A., TIRASOGLU E.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.222, pp.87-92, 1997 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Analysis of Ca, K and Fe Element in Some Medicinal and Aromatic Plants and Fungal Specimens Growing in Ordu (Mesudiye ve Kabadüz) Plateaus**  
AKSOY C., AKSOY H., TIRAŞOĞLU E., ÜÇLER A. Ö.  
Turkish Journal of Agriculture-Food Science and Technology, vol.8, no.3, pp.694-697, 2020 (Other Refereed National Journals)
- II. **M Shell Fluorescence Parameters of Pt, Au and Tl Compounds with Oxygen and Bromide**  
KÜP AYLKCI N., AYLKCI V., TIRAŞOĞLU E., DEPCİ T.  
Adıyaman University Journal of Science, vol.9, no.2, pp.274-279, 2019 (Refereed Journals of Other Institutions)
- III. **Assessment of natural radioactivity and radiological risk of sediment samples in Karacaören II dam Lake, Isparta/Turkey**  
APAYDIN G., KÖKSAL O. K. , Cengiz E., TIRAŞOĞLU E., Baltaş H., Karabulut K., SÖĞÜT Ö.  
ALKU Journal of Science, no.1, pp.28-35, 2019 (International Refereed University Journal)
- IV. **The Determination of M Shell Average Fluorescence Parameters From 70Yb to 92U and of Hg, Pb and Bi Compounds Using 5.96 keV Photons**  
KÜP AYLKCI N., Kahoul A., AYLKCI V., TIRAŞOĞLU E.  
Cumhuriyet Science Journal, vol.39, pp.745-755, 2018 (Refereed Journals of Other Institutions)
- V. **Süperiletken FeySe1-xTex İnce Filmlerin Floresans Şiddet Oranları**  
AKSOY C., TIRAŞOĞLU E., Speller S., Grovenor C.  
Cumhuriyet Science Journal, vol.38, no.4, pp.845-850, 2017 (International Refereed University Journal)
- VI. **The Fluorescence Intensity Ratios of Superconducting FeySe1-XTeX Thin Films**  
AKSOY C., TIRAŞOĞLU E., Speller S., Grevenor C.  
Cumhuriyet Science Journal, vol.38, pp.845-850, 2017 (Refereed Journals of Other Institutions)
- VII. **Elemental content profiles in propolis from several cities of Turkey**  
AKSOY C., Atabay M. M. , TIRAŞOĞLU E., Koparan E. T. , Kekillioğlu A.  
FUNCTIONAL FOODS IN HEALTH AND DISEASE, vol.7, no.8, pp.661-670, 2017 (Journal Indexed in ESCI)
- VIII. **Elemental analysis in the white cabbage in Gümüşhane, Turkey**  
AKSOY C., TIRAŞOĞLU E., Aksoy H., DOĞAN M., Gürer E. C. , Apaydın A.  
Cumhuriyet University Faculty of Science Science Journal (CSJ), vol.35, pp.95-106, 2014 (International Refereed University Journal)
- IX. **Chemical effect on L shell cross sections of Ta Compounds Irradiated with 59.5 keV Photons**  
AKSOY C., TIRAŞOĞLU E., CENGİZ E., Saydam M., APAYDIN G.  
Balkan Physics Letters, vol.19, pp.175-179, 2011 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Apaydin G., Köksal O.K., Cengiz E., Tiraşoğlu E., Baltaş H., Karabulut K., "Assessment of Natural Radioactivity and Radiological Risk of Sediment Samples in Karacaören II Dam Lake, Isparta/Turkey",, TRABZON, TÜRKİYE, 12-14 Eylül 2018, pp.53-53**  
APAYDIN G., KÖKSAL O. K. , CENGİZ E., TIRAŞOĞLU E., BALTAŞ H., KARABULUT K.  
XI. International Conference on Nuclear Structure Properties, 12 - 14 September 2018
- II. **Assessment of Natural Radioactivity and Radiological Risk of Sediment Samples in Karacaören II Dam Lake, Isparta/Turkey**  
APAYDIN G., KÖKSAL O. K. , Cengiz E., TIRAŞOĞLU E., Baltaş H., Karabulut K.  
XI. International Conference on Nuclear Structure Properties, Trabzon, Turkey, 12 - 14 September 2018, pp.53
- III. **K-Shell X-Ray Fluorescence Parameters of Superconducting Ag added MgTi0.06B2 bulk samples**  
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