

Assoc. Prof. Rafet Yılmaz

Personal Information

Office Phone: [+90 444 506 5278](tel:+904445065278) Extension: 66

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 27866

Email: ryilmaz@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/ryilmaz>

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2000 - 2004

Post Graduate, Van Yüzüncü Yil University, Fen Bilimler Enstitüsü -Fizik, Turkey 1992 - 1994

Under Graduate, Inonu University, Fen Edebiyat Fakültesi Fizik , Turkey 1985 - 1989

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, ATOM NUMARASI 62 ? Z ? 83 ARASINDAKİ BAZI ELEMENTLERİN L TABAKASINA AİT COSTER –KRONİG ŞİDDETLİNDİRME FAKTÖRLERİ VE FLUORESANS VERİMLERİNİN ÖLÇÜLMESİ, Gazi University, Fen Bilimleri , Fizik, 2004

Post Graduate, BRUNNER MODELİ İLE 3d GEÇİŞ ELEMENTLERİNİN ELEKTRONEGATİFİĞİ, Van Yüzüncü Yil University, Fen Bilimleri , Fizik, 1994

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Fen Fkültesi, Fizik, 2016 - Continues

Assistant Professor, Van Yüzüncü Yil University, Fen Fkültesi, Fizik, 2007 - 2016

Research Assistant PhD, Van Yüzüncü Yil University, Fen Fkültesi, Fizik, 2004 - 2007

Research Assistant, Van Yüzüncü Yil University, Fen Fkültesi, Fizik, 1991 - 2004

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

- I. **Kbeta/Kalfa X-ray intensity ratios for Cr, Mn, Fe and Co excited by 8.735 keV energy.**
Yılmaz R.
ACTA PHYSICA POLONICA A, vol.11, pp.6555-6578, 2018 (Journal Indexed in SCI Expanded)
- II. **K-alfa/K-beta X-ray intensity ratios for some elements in the atomic number range 28?Z?39 at 16.896 keV**
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JOURNAL OF RADIATION RESEARCH, vol.10, pp.172-177, 2017 (Journal Indexed in SCI Expanded)
- III. **Measurements of K-shell X-ray production cross-sections and fluorescence yields for some elements in the atomic number range 28 <= Z <= 40**
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RADIATION PHYSICS AND CHEMISTRY, vol.112, pp.83-87, 2015 (Journal Indexed in SCI)

- IV. **Infrared Spectra, Density Functional Theory and Hartree-Fock Theoretical Calculations of 2-Methyl-8-quinolinol ; (2013), 7106-7114**
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- V. **Measurements of L-2,L-3 subshells X-ray production cross-sections and average L-2,L-3 subshells fluorescence yield values of some elements in the atomic number range $70 \leq Z \leq 78$**
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- VI. **Measurements of L2,3 subshells X-ray production cross-sections and average L2,3 subshell sfluorescence yield values of some elements in the atomic number range $70 \leq Z \leq 78$, Radiation Physics and Chemistry**
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- VII. **Calculation of Coster-Kronig Enhancement Factors For 60Nd and 61Pm at Different Excitation energies, , 23, No. 7 (2011), 3148-3150**
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ASIAN JOURNAL OF CHEMISTRY, vol.23, no.7, pp.3148-3150, 2011 (Journal Indexed in SCI)
- VIII. **Measurements of Coster–Kronig enhancement factors for 69Tm, Journal of Electron Spectroscopy and Related Phenomena 184 (2011) 1–4.**
Yılmaz R., ARICI K., ÖZ E., TAN M.
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- IX. **Measurements of Coster-Kronig enhancement factors for Tm-69**
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- X. **Calculation of Coster-Kronig Enhancement Factors and L Subshell X-Ray Fluorescence Cross-Sections for 55Cs, Asian Journal of Chemistry Vol. 22, No. 7 (2010),**
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- XI. **Measurements of Coster–Kronig enhancement factors for Yb, Lu, Os and Pt elements, Radiation Physics and Chemistry 78(2009)318–322**
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- XIV. **Chemical effect on the K/K intensity ratios in the first-row transitions element compounds Acta Rhsyca Polonica A.Vol:95(1999)No:2 4**
KÜÇÜKÖNDER A., Yılmaz R.
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Articles Published in Other Journals

- I. **Variation of Coster-Kronig enhancement factors at different excitation energies of the elements in the atomic number range $41 \leq Z \leq 49$**
Yılmaz R., Özmen T., Çakır T.
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- II. **Measurements of K- shell production cross-section and fluorescence yield for Y element, American Journal of Physics and Applications 2015; 3(1): 1-5**
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- IV. **Resistivity properties of superconducting materials (Ba/K) BiO₃ in magnetic field. Bulletin of Pure and Applied Sciences. Vol:18 D No:1 (1999) P.13-16**
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Refereed Congress / Symposium Publications in Proceedings

- I. **Measurements of Atomic L Subshell Production Cross-Section and Fluorescence Yields for Pt element**
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- III. **Measurements of K alfa-shell X-ray production cross-sections for some elements in the atomic number range $28 \leq Z \leq 40$**
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- IV. **Measurement of L shell X-ray fluortescence intensity ratios for ⁶⁹Tm by photoionization of consecutive L- subshells ,**
Yılmaz R.
Turkish Physical Society 30.International Physics Conference İstanbul, Türkiye , semtember (2013)., İstanbul, Turkey, 4 - 08 September 2013, pp.355
- V. **Effect of Coster-Kronig Transitions on X-ray fluorescence cross-sections for ⁷⁴W at different exciation energy ,**
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Physical Society 30.International Physics Conference İstanbul, Türkiye , semtember (2013)., İstanbul, Turkey, 4 - 08 September 2013, pp.356
- VI. **Measurements of X-ray fluorescence cross-sections for ³²Ge, ²⁹Cu, ²⁶Fe and ²⁴Cr at 11.372 keV.**
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- IX. **Measurements of atomic L subshel fluorescence cross-section and fluorescence yields for 71Lu ,**
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- X. **Measurements of Atomic Shell Auger Yields for 76Os ,**
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- XI. **Measurement of K alfa X-Ray fluorescence Cross-Sections for Some Elements the Atomic Number Range 24?Z?30 ,**
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Physical Society 28.International Physics Conference , Bodrum, Türkiye , Semtember (2011, Muğla, Turkey, 3 - 06 September 2011, pp.434
- XII. **Effect of Coster-Kronig Transitions on X-Ray fluorescence cross-sections for 59Pr ,**
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Turkish Physical Society 28.International Physics Conference , Bodrum, Türkiye , Semtember (2011), Muğla, Turkey, 3 - 06 September 2011, pp.433
- XIII. **Calculation of Coster 'Kronig enhancement factors for Pm at different excitation energies ,**
Yılmaz R.
Turkish Physical Society 27.International Physics Conference , İstanbul, Türkiye , Semtember (2010), İstanbul, Turkey, 1 - 04 September 2010, pp.424
- XIV. **Average 2P subshells Fluorescence Yield Values for Lu and Os ,**
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Turkish Physical Society 27.International Physics Conference , İstanbul, Türkiye , Semtember (2010), İstanbul, Turkey, 1 - 04 September 2010, pp.422
- XV. **Calculation of Coster-Kronig enhancement factors for Ba ,**
Yılmaz R.
Turkish Physical Society 27.International Physics Conference , İstanbul, Türkiye , Semtember (2010), İstanbul, Turkey, 1 - 04 September 2010, pp.423
- XVI. **Calculation of X-ray fluorescence cross-sections and Coster 'Kronig enhancement factors for 57La ,**
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Turkish Physical Society 26.International Physics Conference , Bodrum, Türkiye, August (2009), Muğla, Turkey, 1 - 06 September 2009, pp.356
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Turkish Physical Society 26.International Physics Conference , Bodrum, Türkiye , August(2009), Muğla, Turkey, 1 - 06 September 2009, pp.355
- XVIII. **Measurement of Atomic L Shell Coster-Kronig Yields(f_{12} , f_{23} and f_{13}) for Tm Element ,**
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Turkish Physical Society 25.International Physics Conference , Bodrum, Türkiye , August (2008), Muğla, Turkey, 1 - 06 September 2008, pp.357
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DEMİREL A. İ. , Yılmaz R., ÖZDURAN M.

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Citations

Total Citations (WOS):16

h-index (WOS):3