

Personal Information

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Courses

Uzmanlık Alan Dersi, Postgraduate, 2018 - 2019
Seminer Dersi, Postgraduate, 2017 - 2018
İş Sağlığı ve Güvenliği, Undergraduate, 2017 - 2018
Doğrusal Olmayan Optik, Postgraduate, 2018 - 2019
İşletme Ekonomisi, Undergraduate, 2018 - 2019
İşletme Yönetimi ve Ekonomisi, Undergraduate, 2017 - 2018
Uygulamalı Girişimcilik - II, Undergraduate, 2017 - 2018
Dinamik, Undergraduate, 2017 - 2018
Uygulamalı Girişimcilik - II, Undergraduate, 2017 - 2018
İşletme yönetimi ve Ekonomisi, Undergraduate, 2018 - 2019
Uygulamalı Girişimcilik - II, Undergraduate, 2017 - 2018
İşletme Yönetimi ve Ekonomisi, Undergraduate, 2017 - 2018
İleri Fizik Optik, Postgraduate, 2018 - 2019
Uygulamalı Girişimcilik - II, Undergraduate, 2017 - 2018
Statik, Undergraduate, 2018 - 2019
İşletme yönetimi ve Ekonomisi, Undergraduate, 2018 - 2019
Dinamik, Undergraduate, 2016 - 2017
Dinamik, Undergraduate, 2016 - 2017
Dinamik, Undergraduate, 2016 - 2017
Uygulamalı Girişimcilik - I, Undergraduate, 2017 - 2018
Dinamik, Undergraduate, 2016 - 2017
Uygulamalı Girişimcilik - I, Undergraduate, 2017 - 2018
Dinamik, Undergraduate, 2016 - 2017
Uzmanlık Alan Dersi, Postgraduate, 2014 - 2015
Fizik-II, Undergraduate, 2013 - 2014
Genel Fizik I, Undergraduate, 2014 - 2015
Yarı İletkenlerde Optik Süreçler- I, Postgraduate, 2014 - 2015
Fizik III (Elk.Ve Mag.), Undergraduate, 2014 - 2015
Fizik - II, Undergraduate, 2013 - 2014
Fizik-II, Undergraduate, 2013 - 2014
Genel Fizik II, Undergraduate, 2013 - 2014
Genel Fizik II, Undergraduate, 2013 - 2014
Genel Fizik I, Undergraduate, 2014 - 2015
Genel Fizik II, Undergraduate, 2013 - 2014
Genel Fizik I, Undergraduate, 2014 - 2015
Genel Fizik II, Undergraduate, 2013 - 2014
Genel Fizik I, Undergraduate, 2014 - 2015
Yarı İletkenlerin Bant Yapısının Hesabı İçin k.p Yöntemi, Doctorate, 2013 - 2014

Fizik III (Elk.Ve Mag.), Undergraduate, 2014 - 2015
Fizik - I, Undergraduate, 2013 - 2014
Fizik-I, Undergraduate, 2013 - 2014
Modern Fizik, Undergraduate, 2013 - 2014
Modern Fizik, Undergraduate, 2013 - 2014
Fizik-I, Undergraduate, 2013 - 2014
Temel Fizik, Associate Degree, 2012 - 2013
Temel Bilgi Teknolojileri Kullanımı, Undergraduate, 2012 - 2013
Temel Bilgisayar Teknolojileri Kullanımı, Undergraduate, 2012 - 2013
Fizik - I, Associate Degree, 2011 - 2012
Temel Bilgisayar Teknolojileri Kullanımı, Undergraduate, 2012 - 2013
Temel Bilgi Teknolojileri Kullanımı, Undergraduate, 2012 - 2013
Medikal Fizik, Undergraduate, 2012 - 2013
Fizik Lab . Vi(Atom Ve Mol., Undergraduate, 2011 - 2012
Tıbbi Fizik, Undergraduate, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Tailoring the optical properties of quantum ring irradiated by THz laser**
Kilic D. G., Sakiroglu S., UNGAN F., Yesilgul U., KASAPOĞLU E., SARİ H., Sokmen I.
PHILOSOPHICAL MAGAZINE, vol.99, no.24, pp.3116-3132, 2019 (SCI-Expanded)
- II. **Effect of the High-Frequency Laser Radiation on the Nonlinear Optical Properties of n-Type Double delta-Doped GaAs Quantum Wells**
UNGAN F., SARİ H., KASAPOĞLU E., YEŞİLGÜL Ü., ŞAKİROĞLU S., SÖKMEN İ.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.19, no.7, pp.4167-4171, 2019 (SCI-Expanded)
- III. **Nonlinear optical properties of a semi-exponential quantum wells: Effect of high-frequency intense laser field**
Yesilgul U., UNGAN F., Sakiroglu S., SARİ H., KASAPOĞLU E., Sokmen I.
OPTIK, vol.185, pp.311-316, 2019 (SCI-Expanded)
- IV. **Nonlinear optical properties of asymmetric n-type double delta-doped GaAs quantum well under intense laser field**
SARİ H., KASAPOĞLU E., YEŞİLGÜL Ü., ŞAKİROĞLU S., UNGAN F., SÖKMEN İ.
EUROPEAN PHYSICAL JOURNAL B, vol.90, no.9, 2017 (SCI-Expanded)
- V. **The effects of the intense laser field on the optical properties of the asymmetric parabolic quantum well**
Kasapoglu E., UNGAN F., YEŞİLGÜL Ü.
OPTICAL AND QUANTUM ELECTRONICS, vol.49, no.4, 2017 (SCI-Expanded)
- VI. **Effects of an intense, high-frequency laser field on bound states in Ga_{1-x}In_xNyAs_{1-y}/GaAs double quantum well**
UNGAN F., YEŞİLGÜL Ü., ŞAKİROĞLU S., KASAPOĞLU E., Erol A., Arikan M. C., SARİ H., SÖKMEN İ.
NANOSCALE RESEARCH LETTERS, vol.7, 2012 (SCI-Expanded)
- VII. **The effect of magnetic field on the impurity binding energy of shallow donor impurities in a Ga_{1-x}In_xNyAs_{1-y}/GaAs quantum well**
YEŞİLGÜL Ü., UNGAN F., ŞAKİROĞLU S., Duque C., Mora-Ramos M., KASAPOĞLU E., SARİ H., SÖKMEN İ.
NANOSCALE RESEARCH LETTERS, vol.7, 2012 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of electric field on the nonlinear optical properties in asymmetric double Semi-V-Shaped**

quantum well

YEŞİLGÜL Ü., UNGAN F., ŞAKİROĞLU S., SÖKMEN İ., SARI H., KASAPOĞLU E.

4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017

- II. **Nonlinear optical rectification and second and third harmonic generation in n-type double delta doped GaAs quantum well under intense laser field**
UNGAN F., YEŞİLGÜL Ü., ŞAKİROĞLU S., KASAPOĞLU E., SÖKMEN İ., SARI H.
4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017
- III. **Nonlinear optical properties of asymmetric double graded quantum well under intense laser field**
Aydınoğlu H. S., UNGAN F., YEŞİLGÜL Ü., KASAPOĞLU E., SARI H., SÖKMEN İ.
4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017
- IV. **The effects of intense laser field and applied electric and magnetic fields on optical properties of n-type delta doped GaAs quantum well**
YEŞİLGÜL Ü., UNGAN F., ŞAKİROĞLU S., KASAPOĞLU E., SÖKMEN İ., SARI H.
4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017
- V. **Optical properties of Tietz-Hua quantum well under the external fields**
KASAPOĞLU E., UNGAN F., YEŞİLGÜL Ü., ŞAKİROĞLU S., SÖKMEN İ.
4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017
- VI. **Nonlinear optical properties of double graded quantum well under intense laser field**
UNGAN F., YEŞİLGÜL Ü., KASAPOĞLU E., SARI H., SÖKMEN İ.
3 rd International Conference on Engineering and Natural Sciences, 3 - 07 May 2017
- VII. **Nonlinear Optical Rectification The Second And Third Harmonic Generation İn Asymmetric Double Quantum Well Under The İntense Laser Field**
AL E. B., YEŞİLGÜL Ü., UNGAN F., KASAPOĞLU E.
IBWAP 2016, Constanta, Romania, 7 September - 09 July 2016
- VIII. **NONLINEAR OPTICAL RECTIFICATION THE SECOND AND THIRD HARMONIC GENERATION IN AN ASYMMETRIC DOUBLE QUANTUM WELL UNDER THE INTENSE LASER FIELD**
Al E. B., Yeşilgül Ü., Ungan F., Kasapoğlu E.
16th International Balkan Workshop on Applied Physics and Materials Science, Constanta, Romania, 7 - 09 July 2016, pp.86-87
- IX. **Nonlinear optical rectification the second and third harmonic generation in asymmetric double quantum well under the intense laser field**
AL E. B., YEŞİLGÜL Ü., UNGAN F., KASAPOĞLU E.
The 16 th International Balkan Workshop on Applied Physics, Constanta, Romania, 7 - 09 July 2016
- X. **Effect Of An Intense Laser Field On The Nonlinear Optical Rectification And Second Harmonic Generation In Asymmetric Double Quantum Well Under The Hydrostatic Pressure And Temperature**
UNGAN F., YEŞİLGÜL Ü., KASAPOĞLU E.
IBWAP 2016, Constanta, Romania, 7 - 09 July 2016
- XI. **Optical Properties Of Asymmetric Parabolic Quantum Well Under The Intense Laser Field**
KASAPOĞLU E., UNGAN F., YEŞİLGÜL Ü.
IBWAP 2016, Constanta, Romania, 7 - 09 July 2016
- XII. **Effects of an intense laser field on the nonlinear optical rectification and second harmonic generation in asymmetric double quantum well under the hydrostatic pressure and temperature**
UNGAN F., YEŞİLGÜL Ü., KASAPOĞLU E.
The 16 th International Balkan Workshop on Applied Physics, Costanta, Romania, 7 - 09 July 2016
- XIII. **Optical properties of asymmetric parabolic quantum well under the intense laser field**
KASAPOĞLU E., UNGAN F., YEŞİLGÜL Ü.
The 16 th International Balkan Workshop on Applied Physics, Constanta, Romania, 7 - 09 July 2016
- XIV. **The effect of electric field on the nonlinear optical properties in asymmetric parabolic quantum well under intense laser field**
Yeşilgül Ü., Ungan F., Al E. B., Kasapoğlu E.
The 16 th International Balkan Workshop on Applied Physics, Constanta, Romania, 7 - 09 July 2016

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Publication: 22

Citation (WoS): 37

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