

Lect. HAFİZE SEDA AYDINOĞLU

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, Turkey 2019 - Continues

Postgraduate, Sivas Cumhuriyet University, Teknoloji Fakültesi, Optik Mühendisliği, Turkey 2016 - 2018

Undergraduate, Akdeniz University, Faculty Of Science, Department Of Physics, Turkey 2002 - 2007

Dissertations

Postgraduate, Asimetrik çift eğimli kuantum kuyusunun optiksel özellikleri / Optical properties of asymmetric double graded quantum well, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Optik Mühendisliği, 2018

Research Areas

Physics

Academic Titles / Tasks

Lecturer, Sivas Cumhuriyet University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler, 2018 - Continues

Courses

Elektrik Elektronik, Associate Degree, 2019 - 2020

Temel Matematik, Associate Degree, 2018 - 2019

Akılcı İlaç Kullanımı, Associate Degree, 2018 - 2019

Üniversite Kültürü, Associate Degree, 2019 - 2020

Matematik, Associate Degree, 2019 - 2020

Radyasyondan Korunma, Associate Degree, 2019 - 2020

Temel Fizik, Associate Degree, 2019 - 2020

Fizik Ve Geometrik Optik - II, Associate Degree, 2018 - 2019

Temel Fizik, Associate Degree, 2019 - 2020

Optik ve Oftalmik Aletler, Associate Degree, 2019 - 2020

Temel Matematik, Associate Degree, 2018 - 2019

Optik ve Oftalmik Aletler, Associate Degree, 2019 - 2020

Elektrik Elektronik, Associate Degree, 2019 - 2020

Matematik, Associate Degree, 2019 - 2020

Tıbbi Terminoloji, Associate Degree, 2018 - 2019

Tıbbi Terminoloji, Associate Degree, 2018 - 2019

Tıbbi Terminoloji, Associate Degree, 2018 - 2019

Tıbbi Terminoloji, Associate Degree, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental and theoretical insights on the structural and optical properties of GeO_x thin films deposited via RF magnetron sputtering under varying oxygen percentage**
ŞENADIM TÜZEMEN E., Hopoğlu H., SARITAŞ S., AYDINOĞLU H. S., ERTUĞRUL M., Maslov M., KAYA S., UNGAN F., GÜR E.
Physica B: Condensed Matter, vol.650, 2023 (SCI-Expanded)
- II. **Nonlinear optical properties in Al_xGa_{1-x}As/GaAs double-graded quantum wells: The effect of the structure parameter, static electric, and magnetic field**
AYDINOĞLU H. S., SAYRAÇ M., Mora-Ramos M., UNGAN F.
Solid State Communications, vol.342, 2022 (SCI-Expanded)
- III. **Investigation of nitrogen doped ZnO thin films: Effects on their structural and optical properties**
Hopoğlu H., Aydınoğlu H. S., Özer A., Şenadım Tüzemen E.
Optical Materials, vol.122, no.PART A, pp.111685, 2021 (SCI-Expanded)
- IV. **Investigation of optical, electronic, and magnetic properties of p-type NiO thin film on different substrates**
Kaya D., Aydınoğlu H. S., Şenadım Tüzemen E., Ekicibil A.
Thin Solid Films, no.732, pp.138800, 2021 (SCI-Expanded)
- V. **Nonlinear optical properties of asymmetric double-graded quantum wells**
Aydinoglu H. S., Sakiroglu S., Sari H., Ungan F., Sokmen I.
PHILOSOPHICAL MAGAZINE, vol.98, no.23, pp.2151-2163, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Influence of oxygen pressure on optical properties of RF magnetron sputtering Ga₂O₃ thin films**
Hopoğlu H., Aydınoğlu H. S., Şenadım Tüzemen E.
3. International Sciences and Innovation Congress, Ankara, Turkey,, Ankara, Turkey, 21 - 22 November 2021, pp.301
- II. **Influence of Pressure on ZnO/Al₂O₃ Produced by RF Magnetron Sputtering on Glass Substrate**
Hopoğlu H., Aydınoğlu H., DEMİR İ., ALTUNTAŞ İ., ŞİMŞİR M., ŞENADIM TÜZEMEN E.
9TH INTERNATIONAL ADVANCED TECHNOLOGIES SYMPOSIUM (IATS'21), 27 - 28 October 2021
- III. **Effect of oxygen pressure on structural and optical properties of germanium oxide thin films produced by RF magnetron sputtering technique**
Hopoğlu H., Saritaş S., Aydınoğlu H. S., Ertuğrul M., Gür E., Şenadım Tüzemen E.
IX. International Advanced Technologies,, Elazığ, Turkey, 27 - 28 October 2021, pp.15
- IV. **Formation of p-type NiO thin films on different substrates: Structural, electrical, optical, and magnetic properties.**
Kaya D., Aydınoğlu H. S., Şenadım Tüzemen E., Ekicibil A.
International Conference on Oxide Materials for Electronic Engineering, Fabrication, Properties and Applications (OMEE), Lviv, Ukraine, 28 September - 02 October 2021, pp.38
- V. **Structural and morphological characterization of nitrogen doped ZnO thin films.**
Aydinoğlu H. S., Hopoğlu H., Şenadım Tüzemen E.

2nd International Conference on Light and Light-based Technologies (ICLLT), Gazi University, Ankara, Turkey, ,
Ankara, Turkey, 26 - 28 May 2021, pp.104

- VI. **Optical properties of nitrogen doped ZnO thin films grown on n-Si and glass substrate.**
Hopoglu H., Aydinoglu H. S., Senadim Tuzemen E.
2nd International Conference on Light and Light-based Technologies (ICLLT), Gazi University, Ankara, Turkey,,
Ankara, Turkey, 26 - 28 May 2021, pp.112
- VII. **Thickness dependence of structural and optical properties of nitrogen doped ZnO thin films on glass**
Hopoglu H., Aydinoglu H. S., Ozer A., Senadim Tuzemen E.
2nd International Conference on Light and Light-based Technologies (ICLLT), Gazi University, Ankara, Turkey,
Ankara, Turkey, 26 - 28 May 2021, pp.114
- VIII. **Structural and electrical properties of p-type NiO thin films produced by thermal evaporation on different substrates.**
Aydinoglu H. S., Kaya D., Senadim Tuzemen E., Ekicibil A.
2nd International Conference on Light and Light-based Technologies (ICLLT), Gazi University, Ankara, Turkey, ,
Ankara, Turkey, 26 - 28 May 2021, pp.106
- IX. **Nonlinear optical properties of asymmetric double graded quantum well under intense laser field**
Aydinoglu H. S., UNGAN F., YEŞİLGÜL Ü., KASAPÖĞLU E., SARI H., SÖKMEN İ.
4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017

Metrics

Publication: 14

Citation (WoS): 6

Citation (Scopus): 41

H-Index (WoS): 1

H-Index (Scopus): 2