

## Lect. HAFİZE SEDA AYDINOĞLU

### Personal Information

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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 Sciences, 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

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

- I. **Investigation of nitrogen doped ZnO thin films: Effects on their structural and optical properties**  
Hopoglu H., Aydinoglu H. S., Ozer A., Senadım Tuzemen E.  
Optical Materials, vol.122, no.PART A, pp.111685, 2021 (Journal Indexed in SCI)
- II. **Investigation of optical, electronic, and magnetic properties of p-type NiO thin film on different substrates**  
Kaya D., Aydinoglu H. S., Senadım Tuzemen E., Ekicibil A.  
Thin Solid Films, no.732, pp.138800, 2021 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Influence of oxygen pressure on optical properties of RF magnetron sputtering Ga<sub>2</sub>O<sub>3</sub> thin films**  
Hopoglu H., Aydinoglu H. S., Senadım Tuzemen E.  
3. International Sciences and Innovation Congress, Ankara, Turkey,, Ankara, Turkey, 21 - 22 November 2021, pp.301
- II. **Influence of pressure on ZnO/Al<sub>2</sub>O<sub>3</sub> produced by RF magnetron sputtering on glass substrate**  
Hopoglu H., Aydinoglu H. S., Demir İ., Altuntaş İ., Şimşir M., Senadım Tuzemen E.  
IX. International Advanced Technologies, Elazığ, Turkey, 27 - 28 October 2021, pp.228-234
- III. **Effect of oxygen pressure on structural and optical properties of germanium oxide thin films produced by RF magnetron sputtering technique**  
Hopoglu H., Saritaş S., Aydinoglu H. S., Ertugrul M., Gur E., Senadım Tuzemen 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., Aydinoglu H. S., Senadım Tuzemen 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.**  
Aydinoglu H. S., Hopoglu H., Senadım Tuzemen 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., Senadım 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., Senadım 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., Senadım 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**  
Aydmnođlu H. S. , UNGAN F., YEŐILGÜL Ü., KASAPÖĐLU E., SARİ H., SÖKMEN İ.  
4 th International Conference on Materials Science and Nanotechnology for Next Generation, 28 - 30 June 2017

## Citations

Total Citations (WOS):6

h-index (WOS):1