

## Öğr.Gör.Dr. Ahmet Emre KASAPOĞLU

### Kişisel Bilgiler

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#### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: U-7626-2017

Yoksis Araştırmacı ID: 266621

### Araştırma Alanları

Yoğun Madde 1:Yapısal, Mekanik ve Termal Özellikler , Yoğun Madde 2:Elektronik Yapı, Elektrik, Manyetik ve Optik Özellikler

### Akademik Unvanlar / Görevler

Öğretim Görevlisi, Atatürk Üniversitesi, Rektörlük, -, 2017 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A Comparative Study of the Structural and Optical Properties of ZnS Films Deposited by Spray-Pyrolysis Technique**  
Najim A., Hartiti B., Nkuissi H. J. T., Labrim H., Fadili S., ERTUĞRUL M., Thevenin P., BUDAK H. F., KASAPOĞLU A. E. CRYSTAL RESEARCH AND TECHNOLOGY, cilt.58, sa.7, 2023 (SCI-Expanded)
- II. **Effect of growth pressure on sulfur content of RF-magnetron sputtered WS<sub>2</sub> films and thermal oxidation properties of them toward using Pd decorated WO<sub>3</sub> based H<sub>2</sub> gas sensor**  
Mobtakeri S., Habashyani S., ÇOBAN Ö., BUDAK H. F., KASAPOĞLU A. E., GÜR E. Sensors and Actuators B: Chemical, cilt.381, 2023 (SCI-Expanded)
- III. **Solution-Processable Growth and Characterization of Dandelion-like ZnO:B Microflower Structures**  
Erat S., Braun A., ÇETİNKAYA S., Yildirimcan S., KASAPOĞLU A. E., Guer E., Harputlu E., OCAKOĞLU K. CRYSTALS, cilt.12, sa.1, 2022 (SCI-Expanded)
- IV. **Influences of thickness and temperature of low temperature GaAs buffer layer on two-step MOVPE grown GaAs/Ge heterostructures**  
Demir İ., Kasapoğlu A. E., Budak H. F., Gür E., Elagöz S. EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, cilt.90, sa.2, 2020 (SCI-Expanded)
- V. **X-ray photoelectron spectroscopy (XPS) and gamma-ray shielding investigation of boro-silicate glasses contained alkali/alkaline modifier**  
Kaky K. M., ŞAKAR E., Akbaba U., KASAPOĞLU A. E., Sayyed M. I., GÜR E., Baki S. O., Mahdi M. A. RESULTS IN PHYSICS, cilt.14, 2019 (SCI-Expanded)
- VI. **AlGaIn/AlN MOVPE heteroepitaxy: pulsed co-doping SiH<sub>4</sub> and TMIn**  
DEMİR İ., KOÇAK Y., KASAPOĞLU A. E., Razeghi M., GÜR E., Elagoz S. SEMICONDUCTOR SCIENCE AND TECHNOLOGY, cilt.34, sa.7, 2019 (SCI-Expanded)
- VII. **Distributed contact flip chip InGaIn/GaN blue LED; comparison with conventional LEDs**

GENÇ M., Sheremet V., Elci M., KASAPÖĞLU A. E., ALTUNTAŞ İ., DEMİR İ., EĞİN G., Islamoglu S., GÜR E., MUZAFFEROĞLU N., et al.

SUPERLATTICES AND MICROSTRUCTURES, cilt.128, ss.9-13, 2019 (SCI-Expanded)

VIII. **Formation of carbon nanowalls by pulsed filtered cathodic vacuum arc deposition**

ŞENADIM TÜZEMEN E., Kilic M., Zeyrek B. K., KASAPÖĞLU A. E., GÜR E., ALAYDİN B. Ö., ESEN M., ESEN R.

Diamond and Related Materials, cilt.93, ss.200-207, 2019 (SCI-Expanded)

IX. **Valance band properties of MgZnO thin films with increasing Mg content; Phase separation effects**

İSKENDEROĞLU D., Kasapoglu E., GÜR E.

Materials Research Express, cilt.6, sa.3, 2019 (SCI-Expanded)

X. **Microstructural Evolution of MOVPE Grown GaN by the Carrier Gas**

DEMİR İ., ALTUNTAŞ İ., KASAPÖĞLU A. E., MOBTAKERİ S., Guer E., Elagoz S.

SEMICONDUCTORS, cilt.52, sa.16, ss.2030-2038, 2018 (SCI-Expanded)

XI. **Growth and characterization of InGaN thin films on Si (111) substrate by RF magnetron sputtering: N<sub>2</sub> gas flow effect**

ERDOĞAN E., KUNDAKÇI M., KASAPÖĞLU A. E., GÜR E.

American Journal Of Physics, 2018 (SCI-Expanded)

XII. **Gamma and neutron irradiation effects on multi-walled carbon nanotubes**

Akbaba U., KASAPÖĞLU A. E., GÜR E.

DIAMOND AND RELATED MATERIALS, cilt.87, ss.242-247, 2018 (SCI-Expanded)

XIII. **Stress evolution of Ge nanocrystals in dielectric matrices**

Bahariqushchi R., RACİTİ R., Kasapoglu A. E., Gur E., Sezen M., Kalay E., MİRABELLA S., AYDINLI A.

NANOTECHNOLOGY, cilt.29, sa.18, 2018 (SCI-Expanded)

XIV. **The effects of two-stage HT-GaN growth with different V/III ratios during 3D-2D transition**

ALTUNTAŞ İ., DEMİR İ., KASAPÖĞLU A. E., MOBTAKERİ S., GÜR E., Elagoz S.

JOURNAL OF PHYSICS D-APPLIED PHYSICS, cilt.51, sa.3, 2018 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

I. **p-Si(100)/InGaN thin film structure and investigation of its physical properties: N<sub>2</sub> gas flow effect**

ERDOĞAN E., kundakçı M., KASAPÖĞLU A. E., GÜR E.

Materials Today: Proceedings, cilt.18, ss.1868-1874, 2019 (Hakemli Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

I. **Pulsed MOVPE Growth of High Quality AlGaIn epilayers for Ultraviolet LED Applications**

DEMİR İ., McClintock R., KOÇAK Y., ALTUNTAŞ İ., KASAPÖĞLU A. E., GÜR E., ELAĞÖZ S., Razeghi M.

European Conference on Laser Optics Photonics, 16 - 17 Temmuz 2018

II. **Growth and Characterization of InGaIn Thin Films on Si (111) Substrate by RF Magnetron Sputtering: N<sub>2</sub> Gas Flow Effect**

Erdogan E., KUNDAKÇI M., KASAPÖĞLU A. E., GÜR E.

33rd International Physics Congress of the Turkish-Physical-Society (TPS), Bodrum, Türkiye, 6 - 10 Eylül 2017, cilt.1935

III. **MBE grown GaN Nanowires on Si (111) Substrate Temperature Dependence**

KASAPÖĞLU A. E., KOÇAK y., GÜR E., DOĞAN P.

NanoTr-13, Antalya, Türkiye, 22 - 25 Ekim 2017

IV. **Gamma and Neutron Radiation Effect on Multi-Walled Carbon Nanotubes**

AKBABA U., KASAPÖĞLU A. E., GÜR E.

NanoTr-13, Antalya, Türkiye, 22 - 25 Ekim 2017

V. **Excess Nitrogen Effects on Optical, Structural and Morphological Properties of the Sputtered InGaIn**

## **Semiconductor**

ERDOĞAN E., KUNDAKÇI M., KASAPOĞLU A. E., GÜR E.

International Conference on Multidisciplinary, Engineering, Science, Education and Technology (IMESET'17 Baku)  
Hosted by Azerbaijan Technical University July 12-14, 2017, Baku, Azerbaijan, 12 - 14 Temmuz 2017

### **VI. Excess Nitrogen Effects on Optical, Structural and Morphological Properties of the Sputtered InGaN Semiconductor**

ERDOĞAN E., kundakçı m., KASAPOĞLU A. E., GÜR E.

International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'17), Baku,  
Azerbaycan, 12 - 14 Temmuz 2017

### **VII. Structural and Surface Properties of ZnO and ZnO:Fe Thin Films Deposited by Sol-Gel Spin Coating Technique**

KASAPOĞLU A. E., DOĞAN S., TURGUT G., GÜRBULAK B., DUMAN S.

International Congress on Natural and Engineering Sciences, 9 - 15 Eylül 2015

### **VIII. Structural and Surface Properties of ZnO and ZnO:Fe Thin Films Deposited by Sol-Gel Spin Coating Techniwue,**

KASAPOĞLU A. E., GÜRBULAK B., DOĞAN S., DUMAN S.

International Congress on Natural and Engineering Sciences, 09-13 September, 2015, 9 - 13 Eylül 2015

## **Metrikler**

Yayın: 28

Atıf (WoS): 154

Atıf (Scopus): 169

H-İndeks (WoS): 7

H-İndeks (Scopus): 8