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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. Metal Nanoparticles for Simultaneous Use in AC Magnetic Field Hyperthermia and Magnetic Resonance Imaging
Solak K., Atış M., KASAPOĞLU A. E., KARAMAN A., MAVİ A.
Journal of Biomedical Materials Research - Part A, cilt.113, sa.1, 2025 (SCI-Expanded)
- II. Investigation of the performance and stability of self-powered polythiophene-based photodiodes under UV and visible light illumination
ORHAN Z., KASAPOĞLU A. E., DOĞAN H., DAŞ E.
Sensors and Actuators A: Physical, cilt.378, 2024 (SCI-Expanded)
- III. Electrochromic properties of undoped and Ti-doped MoO₃ converted from vertical nanowall MoS₂ thin films
Habashyani S., Mobtakeri S., BUDAK H. F., KASAPOĞLU A. E., ÇOBAN Ö., GÜR E.
Electrochimica Acta, cilt.498, 2024 (SCI-Expanded)
- IV. Hummers' method-assisted liquid-phase exfoliation enables the fabrication of few-layer borophene from bulk boron
BİNGÖL M. S., YILMAZ M., KASAPOĞLU A. E.
TURKISH JOURNAL OF CHEMISTRY, cilt.48, sa.2, ss.402-421, 2024 (SCI-Expanded)
- V. 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)
- VI. Effect of growth pressure on sulfur content of RF-magnetron sputtered WS₂ films and thermal oxidation properties of them toward using Pd decorated WO₃ based H₂ 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)
- VII. **Solution-Processable Growth and Characterization of Dandelion-like ZnO:B Microflower Structures**
 Erat S., Braun A., ÇETİNKAYA S., Yıldırımcan S., KASAPOĞLU A. E., Guer E., Harputlu E., OCAKOĞLU K.
 CRYSTALS, cilt.12, sa.1, 2022 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **AlGaN/AlN MOVPE heteroepitaxy: pulsed co-doping SiH₄ 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)
- XI. **Distributed contact flip chip InGaN/GaN blue LED; comparison with conventional LEDs**
 GENÇ M., Sheremet V., Elci M., KASAPOĞLU 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)
- XII. **Formation of carbon nanowalls by pulsed filtered cathodic vacuum arc deposition**
 ŞENADIM TÜZEMEN E., Kılıç M., Zeyrek B. K., KASAPOĞLU A. E., GÜR E., ALAYDİN B. Ö., ESEN M., ESEN R.
 Diamond and Related Materials, cilt.93, ss.200-207, 2019 (SCI-Expanded)
- XIII. **Valance band properties of MgZnO thin films with increasing Mg content; Phase separation effects**
 İSKENDERÖĞLU D., Kasapoglu E., GÜR E.
 Materials Research Express, cilt.6, sa.3, 2019 (SCI-Expanded)
- XIV. **Microstructural Evolution of MOVPE Grown GaN by the Carrier Gas**
 DEMİR İ., ALTUNTAŞ İ., KASAPOĞLU A. E., MOBTAKERİ S., Guer E., Elagoz S.
 SEMICONDUCTORS, cilt.52, sa.16, ss.2030-2038, 2018 (SCI-Expanded)
- XV. **Growth and characterization of InGaN thin films on Si (111) substrate by RF magnetron sputtering: N₂ gas flow effect**
 ERDOĞAN E., KUNDAKÇI M., KASAPOĞLU A. E., GÜR E.
 American Journal Of Physics, 2018 (SCI-Expanded)
- XVI. **Gamma and neutron irradiation effects on multi-walled carbon nanotubes**
 Akbaba U., KASAPOĞLU A. E., GÜR E.
 DIAMOND AND RELATED MATERIALS, cilt.87, ss.242-247, 2018 (SCI-Expanded)
- XVII. **Stress evolution of Ge nanocrystals in dielectric matrices**
 Bahariqushchi R., RACITİ R., Kasapoglu A. E., Gur E., Sezen M., Kalay E., MİRABELLA S., AYDINLI A.
 NANOTECHNOLOGY, cilt.29, sa.18, 2018 (SCI-Expanded)
- XVIII. **The effects of two-stage HT-GaN growth with different V/III ratios during 3D-2D transition**
 ALTUNTAŞ İ., DEMİR İ., KASAPOĞLU A. E., MOBTAKERİ S., GÜR E., Elagoz S.
 JOURNAL OF PHYSICS D-APPLIED PHYSICS, cilt.51, sa.3, 2018 (SCI-Expanded)

Diger Dergilerde Yayınlanan Makaleler

- I. **p-Si(100)/InGaN thin film structure and investigation of its physical properties: N₂ gas flow effect**
 ERDOĞAN E., kundakçı M., KASAPOĞLU A. E., GÜR E.
 Materials Today: Proceedings, cilt.18, ss.1868-1874, 2019 (Hakemli Dergi)

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **Pulsed MOVPE Growth of High Quality AlGaN epilayers for Ultraviolet LED Applications**
DEMİR İ., McClinton R., KOÇAK Y., ALTUNTAŞ İ., KASAPOĞLU A. E., GÜR E., ELAGÖZ S., Razeghi M.
European Conference on Laser Optics Photonics, 16 - 17 Temmuz 2018
- II. **Growth and Characterization of InGaN Thin Films on Si (111) Substrate by RF Magnetron Sputtering: N-2 Gas Flow Effect**
Erdogan E., KUNDAKÇI M., KASAPOĞLU 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**
KASAPOĞLU 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., KASAPOĞLU 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 InGaN 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:FeThin Films Deposited by Sol-Gel Spin Coating Technique**
KASAPOĞLU A. E., DOĞAN S., TURGUT G., GÜRBULAK B., DUMAN S.
International Congress on Natural and Engeineering Sciences, 9 - 15 Eylül 2015
- VIII. **Structural and Surface Properties of ZnO and ZnO:Fe Thin Films Deposited by Sol-Gel Spin Coating Techniue,**
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: 33
Atıf (WoS): 217
Atıf (Scopus): 256
H-İndeks (WoS): 8
H-İndeks (Scopus): 9