

Arş. Gör. Dr. YASEMİN PEPE

Kişisel Bilgiler

E-posta: ypepe@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/ypepe>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-5384-2039

ScopusID: 57210148812

Yoksis Araştırmacı ID: 204189

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Türkiye 2014 - 2020

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen-Edebiyat, Fizik Mühendisliği, Türkiye 2010 - 2014

Verdiği Dersler

PHYSICS I, Lisans, 2022 - 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Tungsten oxide filled nanofibers for optical limiting in near infrared region**
PEPE Y., AKKOYUN Ş., Asci N., Cakır O., Tutel Y., Emrah Unalan H., KARATAY A., ELMALI A.
Optics and Laser Technology, cilt.176, 2024 (SCI-Expanded)
- II. **Effects of boron doping in InSe single crystals on optical limiting performance in the near-infrared region**
Dogan A., PEPE Y., Bilgili M. Y., KARATAY A., Ertap H., Karabulut M., ELMALI A.
PHYSICA SCRIPTA, sa.4, 2024 (SCI-Expanded)
- III. **Visible-light optical limiting of vanadia-polyvinylpyrrolidone nanofibers**
PEPE Y., Tutel Y., AKKOYUN Ş., Asci N., Cevik E., KARATAY A., ÜNALAN H. E., ELMALI A.
Journal of Materials Science, cilt.59, sa.10, ss.4102-4117, 2024 (SCI-Expanded)
- IV. **Enhanced nonlinear absorption and photoluminescence properties of Zn, Fe, Cu, V and Ni doped MoO₃ transition metal oxide thin films**
PEPE Y., TUTEL Y., Ucar A. D., Cevik E., KARATAY A., ÜNALAN H. E., ELMALI A.
PHYSICA SCRIPTA, cilt.99, sa.2, 2024 (SCI-Expanded)
- V. **Investigation of the Defect and Intensity-Dependent Optical Limiting Performance of MnO₂ Nanoparticle-Filled Polyvinylpyrrolidone Composite Nanofibers**
PEPE Y., AKKOYUN Ş., Asci N., Cevik E., Tutel Y., KARATAY A., ÜNALAN H. E., ELMALI A.
ACS OMEGA, cilt.8, sa.50, ss.47954-47963, 2023 (SCI-Expanded)
- VI. **Promoting the optical limiting behavior in poly(methyl methacrylate)/ α -MnO₂ nanocomposite films through modulation of in-gap states by metal doping**
PEPE Y., Cevik E., TUTEL Y., KARATAY A., ÜNALAN H. E., ELMALI A.
MATERIALS CHEMISTRY AND PHYSICS, cilt.309, 2023 (SCI-Expanded)
- VII. **Investigation of the wavelength dependent nonlinear absorption mechanisms of**

polyvinylpyrrolidone and cadmium selenide hybrid nanofibers

PEPE Y., AKKOYUN Ş., Bozkurt B., KARATAY A., ATEŞ A., ELMALI A.

OPTICS AND LASER TECHNOLOGY, cilt.164, 2023 (SCI-Expanded)

VIII. Effect of group electronegativity on spectroscopic, biological, chromogenic sensing and optical properties of 2-formyl-benzene sulfonic acid sodium salt-based Schiff bases

Yıldız E., Pepe Y., Erdener D., Karatay A., Boyacıoğlu B., Ünver H., Yapar G., Demir N., Yıldız M., Elmalı A.

JOURNAL OF MOLECULAR STRUCTURE, cilt.1286, 2023 (SCI-Expanded)

IX. UV-Vis spectroscopic and colorimetric anion detection and fluorescence properties of new 3-amino-4-hydroxybenzenesulfonic acid-based Schiff bases depending on the strength and position of the electron donor substitution

Yıldız E., Pepe Y., Erdener D., Karatay A., Boyacıoğlu B., Ünver H., Yapar G., Demir N., Yıldız M., Elmalı A.

PHYSICA SCRIPTA, cilt.98, sa.8, 2023 (SCI-Expanded)

X. Tunable nonlinear absorption and optical limiting behavior of $\text{NaBi}(\text{Mo}_{1-x}\text{W}_x)_2$ single crystals with ratio of Molybdenum/Tungsten

PEPE Y., YILDIZ E., IŞIK M., KARATAY A., HASANLI N., ELMALI A.

PHYSICA SCRIPTA, cilt.98, sa.7, 2023 (SCI-Expanded)

XI. Excitation wavelength dependent nonlinear absorption mechanisms and optical limiting properties of $\text{Bi}_{12}\text{SiO}_{20}$ single crystal

Doğan A., KARATAY A., Isık M., PEPE Y., HASANLI N., ELMALI A.

OPTICAL MATERIALS, cilt.140, 2023 (SCI-Expanded)

XII. Defect-assisted wavelength dependence of one photon and multiphoton absorptions in a composite nanofiber of polyvinylpyrrolidone and hexagonal boron nitride

PEPE Y., Akkoyun S., Bozkurt B., KARATAY A., ATEŞ A., ELMALI A.

JOURNAL OF MATERIALS CHEMISTRY C, cilt.11, sa.7, ss.2756-2763, 2023 (SCI-Expanded)

XIII. Wavelength dependence of the nonlinear absorption performance and optical limiting in $\text{Bi}_{12}\text{TiO}_{20}$ single crystal

PEPE Y., IŞIK M., KARATAY A., Gasanly N., ELMALI A.

JOURNAL OF LUMINESCENCE, cilt.253, 2023 (SCI-Expanded)

Metrikler

Yayın: 27

Atıf (WoS): 222

Atıf (Scopus): 201

H-İndeks (WoS): 10

H-İndeks (Scopus): 9