

Doç. Dr. Cenk DENKTAŞ

Kişisel Bilgiler

Fax Telefonu: [+90 0532 541 5275](tel:+9005325415275)

E-posta: cdenktas@yildiz.edu.tr

Diğer E-posta: denktas2010@gmail.com

Web: <https://avesis.yildiz.edu.tr/cdenktas>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-9255-4374

Yoksis Araştırmacı ID: 189760



Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 2000 - 2006

Araştırma Alanları

Fizik, Disiplinlerarası Fizik ve İlgili Bilim ve Teknoloji Alanları, Malzeme Bilimi, Temel Bilimler

Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr., Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, 1998 - Devam Ediyor

Verdiği Dersler

Fizik II, Lisans, 2022 - 2023, 2021 - 2022

Fizik I, Lisans, 2022 - 2023

Akustik Fizik, Lisans, 2021 - 2022

Atom ve Molekül Fiziği, Lisans, 2022 - 2023, 2021 - 2022

Ses Fiziği, Lisans, 2022 - 2023, 2021 - 2022

Fizik 3, Lisans, 2021 - 2022

Temel Fizik, Lisans, 2021 - 2022

Yönetilen Tezler

Denktaş C., Kinetik teoreinin ekonomi üzerine uygulamaları, Yüksek Lisans, A.BORA(Öğrenci), Devam Ediyor

Denktaş C., PROBİYOTİK TABANLI YAPAY KEMİK DOKUSU HAZIRLANMASI, Yüksek Lisans, N.ÇELİKKAYA(Öğrenci), Devam Ediyor

Denktaş C., SPİNAL KORD UYGULAMALARI İÇİN PVA TABANLI YAPAY DOKU GELİŞTİRMEK, Yüksek Lisans, B.ÖZER(Öğrenci), Devam Ediyor

Denktaş C., KOLAJEN TABANLI YAPAY KAS HAZIRLANMASI, Yüksek Lisans, B.DİLAN(Öğrenci), Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Fabrication of electrospun nanofibrous clinoptilolite doped thermoplastic polyurethane scaffolds for skeletal muscle tissue engineering**
Akkurt Yıldırım M., Türkoğlu N., Denktaş C.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.140, sa.1, ss.1-13, 2023 (SCI-Expanded)
- II. **Improving dielectric properties of composites thin films with polylactic acid and PZT microparticles induced by interfacial polarization**
Bouiri E. M., Farhan R., Chakhchaoui N., Oumghar K., Denktas C., Eddiai A., Meddad M., Mazroui M., Cherkaoui O., Omari L. E. H.
EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS, cilt.97, 2022 (SCI-Expanded)
- III. **Influence of ultraviolet radiation on structural and uniaxial tensile characteristics of tannic acid/poly (vinyl alcohol) composite films**
AKSAKAL B., DENKDAŞ C., BOZDOĞAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.139, sa.24, 2022 (SCI-Expanded)
- IV. **Development and characterization of sodium alginate/bifidobacterium probiotic biohybrid material used in tissue engineering**
Denktas C., Baysoy D. Y., Bozdoğan A., Bozkurt H. S., Bozkurt K., Özdemir O., Yılmaz M.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.139, sa.18, 2022 (SCI-Expanded)
- V. **Biodegradation of microplastic by probiotic bifidobacterium**
Bozkurt H. S., CİVELEK YÖRÜKLÜ H., BOZKURT K., Denktas C., BOZDOĞAN A., ÖZDEMİR O., ÖZKAYA B.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, cilt.26, sa.4, ss.429-443, 2022 (SCI-Expanded)
- VI. **Prestretching effect and recovery process of polyvinyl alcohol film crosslinked with tartaric acid**
Bozdoğan A., Aksakal B., Denktas C., Salt Y.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.137, sa.46, 2020 (SCI-Expanded)
- VII. **Mechanical and film formation behavior from PDMS/NaY zeolite composite membranes**
Denktas C.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.137, sa.15, 2020 (SCI-Expanded)
- VIII. **Polyvinyl Alcohol/EuBa₂Ca₂Cu₃O_{9-x} Composites: Dielectric and Mechanical Properties**
Süngü Mısırlıoğlu B., Ozdemir Z., Aksakal B., Salt Y., Tırnakçı B., Denktaş C.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.28, ss.1968-1979, 2018 (SCI-Expanded)
- IX. **Effect of IR heating and the annealing time on the optical transmittance of polystyrene/Na-Alginate polymer composite films**
Yargı Ö., Gelir A., Şarlı B., Sahinturk U., Aksakal B., Denktaş C.
PROGRESS IN ORGANIC COATINGS, cilt.117, ss.146-153, 2018 (SCI-Expanded)
- X. **Effect of multi wall carbon nanotube on electrical properties 4-[4-((S)-Citronellyloxy)benzoxy]benzoic acid liquid crystal host**
Denktaş C., Ocak H., Okutan M., Yıldız A., Eran B. B., Koysal O.
Composites Part B: Engineering, cilt.82, ss.173-177, 2015 (SCI-Expanded)
- XI. **Optical characterization of spin-coated cobalt porphyrazine thin films: effect of annealing temperature**
KOÇ K., KESKİN B., DENKTAŞ C.
PHILOSOPHICAL MAGAZINE LETTERS, cilt.95, sa.10, ss.511-518, 2015 (SCI-Expanded)
- XII. **Electricity generating capacity and performance deterioration of a microbial fuel cell fed with beer brewery wastewater**
KÖROĞLU E. O., ÖZKAYA B., DENKTAS C., ÇAKMAKCI M.
JOURNAL OF BIOSCIENCE AND BIOENGINEERING, cilt.118, sa.6, ss.672-678, 2014 (SCI-Expanded)
- XIII. **Change of surface and structure properties of cation exchange membrane in a microbial fuel cell**
ÖZKAYA B., DENKTAŞ C., ÇETİNKAYA A. Y., ÇAKMAKCI M., KARADAĞ D., ŞAHİNKAYA E.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, cilt.6, ss.222-233, 2014 (SCI-Expanded)
- XIV. **Synthesis of Ni(II) porphyrazine peripherally 4-tert-butylbenzylthio moiety and electronic Schottky**

barrier diode octa-substituted with the properties of the Al/Ni(II)Pz/p-Si Schottky barrier diode

KESKİN B., DENKTAŞ C., ALTINDAL A., Avciata U., Gül A.

POLYHEDRON, cilt.38, sa.1, ss.121-125, 2012 (SCI-Expanded)

XV. Influence of apple flavor absorption on physical and mechanical properties of poly(ethylene terephthalate) films

DENKTAS C., YILDIRIM H., San N.

JOURNAL OF APPLIED POLYMER SCIENCE, cilt.99, sa.4, ss.1802-1807, 2006 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Investigation of Molecular Dynamics of Peptides Bound with HLA * B51: 01 Protein

Denkdaş C., Cantürk Rodop M.

Tamap Journal of Physical Sciences, sa.2021, ss.1-11, 2021 (Hakemli Dergi)

II. Investigation of Binding Free Energy of Different Peptides by Jarzynski's Equation

Denkdaş C., Cantürk Rodop M.

Tamap Journal of Physical Science, sa.2019, ss.1-7, 2019 (Hakemli Dergi)

III. Preparation and Characterization of PDMS/SiO₂ Mixed Matrix Membranes for Separation of Bio-alcohols from Fermentation Broth

Demet B., Salt Y., Denkdaş C., Özkaya B.

European Journal of Chemistry, Environment and Engineering Sciences, cilt.3, sa.1, ss.1-8, 2019 (Hakemli Dergi)

IV. The influence of crosslinking temperature on the spectroscopic, thermal, and mechanical properties of poly(vinyl alcohol)/zeolite composites

DENKTAŞ C.

TURKISH JOURNAL OF PHYSICS, cilt.43, sa.2, ss.196-206, 2019 (ESCI)

Kitap & Kitap Bölümleri

I. Ses Fiziği

DENKDAŞ C.

EFE AKADEMİ, 2020

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Investigation of the structure of sodium alginate (SA)/Bifidobacterium animalis subsp. lactis BB-12 probiotic biohybrid films

Yılmaz M., Denkdaş C., Yılmaz Baysoy D., Bozdoğan A., Bozkurt H. S., Bozkurt K., Özdemir O.

Turkish Physical Society 37th International Physics Congress, Muğla, Türkiye, 1 - 05 Eylül 2021, ss.251

II. Conformational Flexibility of Different Peptides Antigen in Free with HLA-B51 Molecules investigated by molecular dynamics simulations

DENKDAŞ C.

Turkish Physical Society-35th International Physics Congress (TPS-35), 4 - 08 Eylül 2019

III. Effect of Pre-Stretching Following Short Term Stress-Relaxation on Mechanical Performance of Polyvinyl Alcohol Membrane Crosslinked with Tartaric Acid

Aksakal B., Bozdoğan A., Denktaş C., Salt Y.

Turkish Physical Society 35th International Physics Congress, Muğla, Türkiye, 4 - 08 Eylül 2019, ss.1

IV. Effect of crosslinking concentration on mechanical performance of polyvinyl alcohol membrane crosslinked with tartaric acid

BOZDOĞAN A., AKSAKAL B., DENKDAŞ C., SALT Y.

Turkish physical society 35th international physics congress, Muğla, Türkiye, 4 - 08 Eylül 2019, ss.329

- V. **Effect of Crosslinking Concentration on Mechanical Performance of Polyvinyl Alcohol Membrane Crosslinked with Tartaric Acid**
Bozdoğan A., Aksakal B., Denктаş C., Salt Y.
Turkish Physical Society 35th International Physics Congress, Muğla, Türkiye, 4 - 08 Eylül 2019, ss.1
- VI. **Mechanical and Microstructure Behaviors of PDMS/zeolite Composite Membranes**
DENKDAŞ C.
International Conference on Sustainable Energy and Energy Calculations, 12 - 14 Nisan 2019
- VII. **Preparation and Characterization of PDMS/SiO₂ Mixed Matrix Membranes for Separation of Bio-alcohols from Fermentation Broth**
demet b., SALT Y., DENKDAŞ C., ÖZKAYA B.
4 th Recycle and Reuse Conference, 24 - 26 Ekim 2018
- VIII. **Investigation of Microstructure and Thermal Properties of PVA Polymer Matrices**
DENKDAŞ C.
Turkish Physical Society 34 th International Physics Congress, 5 - 09 Eylül 2018
- IX. **Polyethyleneglycol (PEG) with Chewing Gum Additive For Dielectric Applications**
ÇALIŞKAN M., DENKDAŞ C., KURUOĞLU F., SERİN M.
Turkish Physical Society 34nd International Physics Congress, Muğla, Türkiye, 05 Eylül 2018
- X. **Steered Molecular Dynamics (SMD) Simulations to Unravel the Binding Mechanism of Different Peptides to HLA-B51, an Antigen Associated with Behcet's Disease**
DENKDAŞ C., CANTÜRK RODOP M.
7 th International Molecular Biology and Biotechnology Congress, 25 - 27 Nisan 2018
- XI. **EuBa₂Ca₂Cu₃O_{9-x} Ceramic Additive on Micro-Structural and Mechanical Properties of Polyvinil Alcohol (PVA)**
Güven Özdemir Z., Süngü Mısırlıoğlu B., Aksakal B., Tırnakçı B., Salt Y., Denктаş C.
2nd International Conference on Material Science and Technology in Cappadocia (IMSTEC'17), Nevşehir, Türkiye, 11 - 13 Ekim 2017, ss.49
- XII. **2nd International Conference on Viable Energy Trends (InVenT-2017)**
DENKDAŞ C., GÜVEN ÖZDEMİR Z., SÜNGÜ MISIRLIOĞLU B., Yılmaz Baysoy D., SALT Y.
2nd International Conference on Viable Energy Trends (InVenT-2017), Helsinki, Finlandiya, 28 Nisan 2017, ss.189-197
- XIII. **THE IMPACT OF DIFFERENT TYPE OF ZEOLITES ON DIELECTRIC SPECTRUM OF POLYVINYL ALCOHOL**
DENKDAŞ C., GÜVEN ÖZDEMİR Z., SÜNGÜ MISIRLIOĞLU B., Yılmaz Baysoy D., SALT Y.
2nd International Conference on Viable Energy Trends (InVenT-2017), Helsinki, Finlandiya, 28 Nisan 2017, ss.189-197
- XIV. **SEMI-EMPIRICAL & RHF GEOMETRY OPTIMIZATION AND MINIMIZATION ANALYSIS OF TAMOXIFEN MOLECULE**
Uzun B., Denктаş C., Cantürk Rodop M.
FROM COMPUTATIONAL BIOPHYSICS TO SYSTEMS BIOLOGY, Ankara, Türkiye, 23 - 25 Aralık 2016, ss.41
- XV. **Effect of Surface Coating on Drinking Water Production Performance of UF Membrane**
zengin i., YAMAN F. B., DENKDAŞ C., KARADAĞ D., ÇAKMAKCI M.
International Symposium of Water and Wastewater Management, 26 - 28 Ekim 2016
- XVI. **INVESTIGATION OF TAMOXIFEN MOLECULE BINDING TO ESTROGEN RECEPTOR ALPHA AND BETA USING STEERED MOLECULAR DYNAMICS**
uzun b., DENKDAŞ C., CANTÜRK RODOP M.
32nd International Physics Congress, 6 - 09 Eylül 2016
- XVII. **INVESTIGATION OF TAMOXIFEN MOLECULE BINDING TO ESTROGEN RECEPTOR ALPHA AND BETA USING STEERED MOLECULAR DYNAMICS**
DENKTAŞ C., UZUN B., CANTÜRK RODOP M.
Turkish Physical Society 32nd International Physics Congress, Bodrum, Türkiye, 6 - 09 Eylül 2016
- XVIII. **Mikrobiyal Yakıt Hücreleri**

DENKDAŞ C.

akademik Seminer, 01 Haziran 2016

XIX. Semi Empirical RHF Geometry Optimizat on and Minimization Analysis of Tamoxifen Molecule

uzun b., DENKDAŞ C., CANTÜRK RODOP M.

From Computational Biophysics to Systems biology CBSB16, 23 - 25 Mayıs 2016

XX. Electrical mechanism of Basalts with Polyaniline pani composites

Karabul Y., Yılmaz M. A., Denктаş C., Okutan M., İçelli O.

1st İnternational Conference on Organic Electronic Material Technologies (OEMT'2015), Elazığ, Türkiye, 25 - 28 Mart 2015

XXI. DOSE RATE DEPENDENT EFFECTS OF BETA AND GAMMA IRRADIATION ONCHITOSAN FILMS

DENKDAŞ C., YILMAZ BAYSOY D., KAM E.

4 th International Conference Mechanical Technology and Structural Materials 2014, 25 - 26 Eylül 2014

XXII. Preparation and Characterization of PVA/ZnO Nanohybrid Membrane

Can N., Okur N., Elgün G., Gök H., Y.Baysoy D., Kam E., Denктаş C.

Turkish Physical Society 29th International Physics Congress (TFD29) 5-8 September, Muğla, Türkiye, 5 - 08 Eylül 2012, ss.375

XXIII. Preparation and Characterization of Sodium Alginate/Zno Bio-Nanohybrid Membranes

Y. Baysoy D., Gök H., KAM E., Denктаş C.

Turkish Physical Society 29th İnternational Physical Congress, 01 Eylül 2012

XXIV. The study of the effect of solvents absorption in PET packaging films

DENKDAŞ C., YILDIRIM H.

6 th international conference of the Balkan Physicsl Union, 03 Eylül 2006

Bilimsel Hakemlikler

Yükseköğretim Kurumları Destekli Proje, BAP Alt Yapı, Türk-Alman Üniversitesi, Türkiye, Mayıs 2021

Metrikler

Yayın: 44

Atıf (WoS): 60

Atıf (Scopus): 88

H-İndeks (WoS): 5

H-İndeks (Scopus): 6

Kongre ve Sempozyum Katılımı Faaliyetleri

EuBa2Ca2Cu3O9-x Ceramic Additive on Micro-structural and Mechanical properties of Polyvinil Alcohol (PVA), Katılımcı, Nevşehir, Türkiye, 2017

THE IMPACT OF DIFFERENT TYPE OF ZEOLITES ON DIELECTRIC SPECTRUM OF POLYVINYL ALCOHOL, Katılımcı, Helsinki, Finlandiya, 2017

Akademik seminer, Davetli Konuşmacı, İstanbul, Türkiye, 2016

Ödüller

Denктаş C., Özkaya B., Çakmakçı M., Electricity generating capacity and performance deterioration of a microbial fuel cell fed with beer brewery wastewater, The Society Of Biotechnology Japan, Kasım 2015