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Kişisel Bilgiler

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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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **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, 2020 (SCI İndekslerine Giren Dergi)
- II. **Mechanical and film formation behavior from PDMS/NaY zeolite composite membranes**
Denktas C.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.137, 2019 (SCI İndekslerine Giren Dergi)
- III. **Polyvinyl Alcohol/EuBa₂Ca₂Cu₃O_{9-x} Composites: Dielectric and Mechanical Properties**
Süngü Mısırlıoğlu B., Ozdemir Z., Aksakal B., Salt Y., Tırnakçı B., Denktas C.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.28, ss.1968-1979, 2018 (SCI İndekslerine Giren Dergi)
- IV. **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., Denktas C.
PROGRESS IN ORGANIC COATINGS, cilt.117, ss.146-153, 2018 (SCI İndekslerine Giren Dergi)
- V. **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 İndekslerine Giren Dergi)
- VI. **Optical characterization of spin-coated cobalt porphyrazine thin films: effect of annealing temperature**

KOÇ K., KESKİN B., DENKTAŞ C.

PHILOSOPHICAL MAGAZINE LETTERS, cilt.95, ss.511-518, 2015 (SCI İndekslerine Giren Dergi)

- VII. **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, ss.672-678, 2014 (SCI İndekslerine Giren Dergi)

- VIII. **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 İndekslerine Giren Dergi)

- IX. **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., Avcıata U., Gül A.

POLYHEDRON, cilt.38, ss.121-125, 2012 (SCI İndekslerine Giren Dergi)

- X. **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, ss.1802-1807, 2006 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Investigation of Binding Free Energy of Different Peptides by Jarzynski's Equation**

Denkdaş C., Cantürk Rodop M.

Tamap Journal of Physical Science , cilt.2019,1, ss.1-7, 2019 (Hakemli Üniversite Dergisi)

- II. **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, 2019 (Diğer Kurumların Hakemli Dergileri)

- III. **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, ss.196-206, 2019 (ESCI İndekslerine Giren Dergi)

Kitap & Kitap Bölümleri

- I. **Ses Fiziği**

DENKDAŞ C.

EFE AKADEMİ, 2020

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **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

- II. **Effect of Crosslinking Concentration on Mechanical Performance of Polyvinyl Alcohol Membrane Crosslinked with Tartaric Acid**

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

- Turkish Physical Society 35th International Physics Congress, Muğla, Türkiye, 4 - 08 Eylül 2019, ss.1
- 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., Denктаş 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. **Mechanical and Microstructure Behaviors of PDMS/zeolite Composite Membranes**
DENKDAŞ C.
International Conference on Sustainable Energy and Energy Calculations, 12 - 14 Nisan 2019
- VI. **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
- VII. **Investigation of Microstructure and Thermal Properties of PVA Polymer Matrices**
DENKDAŞ C.
Turkish Physical Society 34 th International Physics Congress, 5 - 09 Eylül 2018
- VIII. **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
- IX. **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
- X. **EuBa₂Ca₂Cu₃O_{9-x} Ceramic Additive on Micro-Structural and Mechanical Properties of Polyvinyl 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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **INVESTIGATION OF TAMOXIFEN MOLECULE BINDING TO ESTROGEN RECEPTOR ALPHA AND BETA**

USING STEERED MOLECULAR DYNAMICS

Uzun B., Denктаş C., Cantürk Rodop M.

Turkish Physical Society 32nd International Physics Congress, Muğla, Türkiye, 6 - 09 Eylül 2016, ss.308

XVII. Mikrobiyal Yakıt Hücreleri

DENKDAŞ C.

akademik Seminer, 01 Haziran 2016

XVIII. 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

XIX. Electrical mechanism of Basalts with Polyaniline pani composites

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

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

XX. 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

XXI. 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

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

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

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

XXIII. 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

Desteklenen Projeler

DENKDAŞ C., SALT Y., BOZDOĞAN A., AKSAKAL B., ÇALIŞKAN M., YARGI Ö., Yükseköğretim Kurumları Destekli Proje, PVA Tabanlı Karışık Matriks Membranların KMM Mekanik ve Termal Davranışlarının İncelenmesi, 2020 - Devam Ediyor
DENKDAŞ C., Yükseköğretim Kurumları Destekli Proje, HLA-B*51:01 ile ilişki olan peptitlerinin moleküler dinamik simülasyon yöntemi ile incelemesi, 2015 - 2018

DENKDAŞ C., Yükseköğretim Kurumları Destekli Proje, HLA*B52:01 proteini ile bağlı olan peptidlerin sistemlerinin Yönlendirmeli Moleküler Dinamik İncelenmesi, 2015 - 2017

Özkaya B., Karadağ D., Denктаş C., Çetinkaya A. Y. , Baysoy D. Y. , TÜBİTAK Projesi, Yeni Geliştirilen Çapraz Akışlı Çoklu Tüp Mikrobiyal Yakıt Hücresi İle Evsel Atıksu Akımından Elektrik Enerjisi Üretimi, 2012 - 2014

Davetli Kongre ve Sempozyum 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

Atıflar

Toplam Atıf Sayısı (WOS):37

h-indeksi (WOS):3

Ödüller

DENKTAŞ C., Electricity generating capacity and performance deterioration of a microbial fuel cell fed with beer brewery wastewater, The Society of Biotechnology Japan, Kasım 2015