

## Assoc. Prof. NEŞE KEKLİKÇİOĞLU ÇAKMAK

### Personal Information

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### International Researcher IDs

ScholarID: xoWSbfYAAAAJ  
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Publons / Web Of Science ResearcherID: V-4588-2017  
Yoksis Researcher ID: 60230

### Education Information

Doctorate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2009 - 2014  
Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2009 - 2010  
Postgraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2006 - 2009  
Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2002 - 2006

### Foreign Languages

English, C2 Mastery

### Certificates, Courses and Trainings

Vocational Training, Akademide Kadın Çalışmaları, Sivas Cumhuriyet Üniversitesi Suçla Mücadele Uygulama ve Araştırma Merkezi, 2023  
Vocational Training, Materials Synthesis & Characterization, Kings College London, England, WC2R 2LS United Kingdom, 2023  
Strategic Technology Analysis, Grafen ve İki Boyutlu Malzeme Odak Teknoloji Ağı (OTAĞ), T.C. CUMHURBAŞKANLIĞI Savunma Sanayii Başkanlığı, 2020  
Vocational Training, Orta Anadolu Kalkınma Ajansı Fizibilite Etüdü Hazırlama Eğitimi , T.C. SANAYİ VE TEKNOLOJİ BAKANLIĞI, 2018  
Health&Medicine, Totbid 15.Temel Bilimler ve Araştırma Okulu , TOTBİD, 2017  
Health&Medicine, Onkolojik Araştırmalar Çalıştayı , TÜRK ONKOLOJİ GRUBU DERNEĞİ, 2016  
Vocational Training, Figes Matlab kursu , FİGES, 2009

### Dissertations

Doctorate, Brownian olmayan küresel parçacıkların genel göç model eşitliklerinin türetilmesi ve nanoakışkanların karmaşık geometrilerdeki ısı geçişlerinin sayısal olarak incelenmesi, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, 2014

Postgraduate, Maya türü mikroorganizmalarla lipaz enzimi eldesi, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, 2009

## Research Areas

Chemical Engineering and Technology, Biotechnology, Chemical Technologies, Fluid Mechanics, Testing and Control of Materials, Mechanical Properties, Physical Properties, Chemical and Electrochemical Properties, Composites, Polymeric Materials, Biomaterials, Thermal Treatment, Plating, Material Characterization, Metallic Materials, Nanomaterials, Thermal Properties, Structure-Property Relationship, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - Continues  
Assistant Professor, Sivas Cumhuriyet University, 2015 - 2020  
Research Assistant, 2007 - 2015

## Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues  
Deputy Director of the Center, Sivas Cumhuriyet University, Rektörlük, Rektörlük, 2021 - Continues  
Vice Dean, Sivas Cumhuriyet University, Mühendislik Fakültesi, Kimya Mühendisliği, 2023 - 2023

## Courses

Reoloji, Postgraduate, 2023 - 2024  
İleri Akışkanlar Mekaniği, Postgraduate, 2018 - 2019  
Nanoakışkanlar ve Uygulama Alanları, Postgraduate, 2019 - 2020  
Uzmanlık Alan Dersi, Postgraduate, 2019 - 2020  
Analitik Kimya, Undergraduate, 2019 - 2020  
Mukavemet, Undergraduate, 2019 - 2020  
Organik Kimya, Undergraduate, 2019 - 2020  
Boya Teknolojisi, Postgraduate, 2018 - 2019  
Mukavemet, Undergraduate, 2018 - 2019  
Kimyasal Proses Endüstrileri - II, Undergraduate, 2018 - 2019  
Dönem Projesi, Postgraduate, 2018 - 2019  
Nanopartiküller ve Üretim Metodları, Postgraduate, 2019 - 2020  
Seminer Dersi, Postgraduate, 2018 - 2019  
Kim.Müh.Lab. - II, Undergraduate, 2018 - 2019  
Organik Kimya, Undergraduate, 2018 - 2019  
Uzmanlık Alan Dersi, Postgraduate, 2017 - 2018  
Tez Çalışması, Postgraduate, 2018 - 2019  
Kimyasal Proses Endüstrileri - II, Undergraduate, 2017 - 2018  
Mukavemet, Undergraduate, 2017 - 2018  
Mukavemet - I, Undergraduate, 2017 - 2018  
Organik Tekn., Undergraduate, 2016 - 2017  
Organik Tekn., Undergraduate, 2016 - 2017  
Analitik Kimya, Undergraduate, 2017 - 2018  
Mukavemet - I, Undergraduate, 2017 - 2018

Enstrümental Analiz Laboratuvarı, Undergraduate, 2015 - 2016

Enstrümental Anlz.Lab., Undergraduate, 2015 - 2016

Kimyasal Teknoloji Laboratuvarı, Undergraduate, 2015 - 2016

## Advising Theses

Keklikcioğlu Çakmak N., Farklı Yöntemlerle Borofen Sentezi, Karakterizasyonu ve Kararlılığının İncelenmesi ,  
Postgraduate, S.ÇINAR(Student), Continues

Keklikcioğlu Çakmak N., Ham Petrol Reolojisine Farklı Nanopartiküller ve Yüzey Aktif Maddelerin Etkisinin İncelenmesi,  
Postgraduate, İ.Mohammed(Student), Continues

Keklikcioğlu Çakmak N., Megdiche M., Graphene oxide doped Zinc oxide nanoparticles based Electrochemical sensors for  
detection of glucose, Postgraduate, N.HAMMAMI(Student), 2022

Keklikcioğlu Çakmak N., FOLIK ASIT RESEPTÖR HEDEFLİ ANTI KANSER İLAÇ TASIYICI NANOSİSTEM SENTEZİ VE IN  
VITRO İNCELENMESİ, Postgraduate, A.EROĞLU(Student), 2021

Keklikcioğlu Çakmak N., HEDEFLİ ANTIKANSER İLAÇ TASIYAN, NANOTASIYICI SİSTEM SENTEZİ VE İLAÇ SALINIM  
ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, M.KÜÇÜKYAZICI(Student), 2021

Keklikcioğlu Çakmak N., Kanser tedavisinde kullanılan kemoterapik ajanlar için nanotasiyıcı sistem sentezi ve  
kararlılığının incelenmesi, Postgraduate, E.ÇELİK(Student), 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessment of the antimicrobial and antibiofilm activity of the combination of N-acetyl cysteine and carvacrol against Staphylococcus aureus, the most common orthopedic infectious agent**  
Pazarıcı Ö., Taşkın Kafa A. H., Taş A., Keklikcioğlu Çakmak N., Hasbek M., Kılınç S., Tunçbilek Z.  
MICROBIAL PATHOGENESIS, vol.196, pp.1-8, 2024 (SCI-Expanded)
- II. **Investigation of structural, morphology, and conduction mechanism of GO-Fe<sub>3</sub>O<sub>4</sub>-TiO<sub>2</sub> composite material**  
ATEŞ A., brahim K. b., Çakmak N. K., Oueslati A., Gargouri M.  
Journal of Materials Science: Materials in Electronics, vol.34, no.24, 2023 (SCI-Expanded)
- III. **In vitro cytotoxic effects, in silico studies, some metabolic enzymes inhibition, and vibrational spectral analysis of novel  $\beta$ -amino alcohol compounds**  
TAŞ A., TÜZÜN B., Khalilov A. N., Taslimi P., AĞBEKTAŞ T., Cakmak N. K.  
Journal of Molecular Structure, vol.1273, 2023 (SCI-Expanded)
- IV. **Doxorubicin and tamoxifen loaded graphene oxide nanoparticle functionalized with chitosan and folic acid for anticancer drug delivery**  
Keklikcioğlu Çakmak N., Eroğlu A.  
POLYMER BULLETIN, vol.80, no.2, pp.2171-2185, 2023 (SCI-Expanded)
- V. **An investigation of the effect of acrylamide on fracture healing in rats**  
Pazarıcı O., Gumus E., TAŞ A., Cakmak N. K., KILINÇ S., Yıldız S. N., BULUT O.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGİSİ-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.28,  
no.5, pp.570-578, 2022 (SCI-Expanded)
- VI. **Synthesis, stability, density, viscosity of ethylene glycol-based ternary hybrid nanofluids: Experimental investigations and model -prediction using modern machine learning techniques**  
Said Z., Keklikcioğlu Çakmak N., Sharma P., Sundar L. S., Inayat A., Keklikcioğlu O., Li C.  
Powder Technology, vol.117190, pp.117-190, 2022 (SCI-Expanded)
- VII. **Cytotoxic effect, spectroscopy, DFT, enzyme inhibition, and molecular docking studies of some novel mesitylaminopropanols: Antidiabetic and anticholinergics and anticancer potentials**  
Khalilov A. N., TÜZÜN B., Taslimi P., TAŞ A., TUNÇBİLEK Z., Cakmak N. K.  
JOURNAL OF MOLECULAR LIQUIDS, vol.344, 2021 (SCI-Expanded)

- VIII. **Synthesis of PEGylated nanographene oxide as a nanocarrier for docetaxel drugs and anticancer activity on prostate cancer cell lines**  
TAŞ A., KEKLİKCİOĞLU ÇAKMAK N.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.40, no.1, pp.172-182, 2021 (SCI-Expanded)
- IX. **Does the Addition of Poly(glycolide-co-lactide) to Teicoplanin-Containing Poly(methyl methacrylate) Beads Change the Elution Characteristics?**  
Kılınç S., Pazarcı Ö., Keklikcioğlu Çakmak N., Taş A.  
INDIAN JOURNAL OF ORTHOPAEDICS, vol.54, pp.71-75, 2020 (SCI-Expanded)
- X. **Preparation, characterization, stability, and thermal conductivity of rGO-Fe3O4-TiO2 hybrid nanofluid: An experimental study**  
Keklikcioğlu Çakmak N., Said Z., Sundar L., M. Ali Z., Kumar Tiwari A.  
Powder Technology, vol.372, pp.235-245, 2020 (SCI-Expanded)
- XI. **The impact of surfactants on the stability and thermal conductivity of graphene oxide de-ionized water nanofluids**  
KEKLİKCİOĞLU ÇAKMAK N.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.139, no.3, pp.1895-1902, 2020 (SCI-Expanded)
- XII. **EXPERIMENTAL STUDY OF THERMAL CONDUCTIVITY OF BORIC ACID-WATER SOLUTIONS**  
Cakmak N.  
HEAT TRANSFER RESEARCH, vol.50, no.17, pp.1675-1684, 2019 (SCI-Expanded)
- XIII. **SYNTHESIZE AND STABILITY ANALYSIS OF PEGYLATED NANOGRAPHENE OXIDE FOR DELIVERY OF DOXORUBICIN**  
Cakmak N., Tezel G. B.  
REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, vol.49, no.3, pp.346-351, 2019 (SCI-Expanded)
- XIV. **EFFECT OF TEMPERATURE, GUM CONCENTRATION AND GUM RATIO ON CREEP-RECOVERY BEHAVIOUR OF CARBOXYMETHYL CELLULOSE-GUAR GUM MIXTURES: MODELING WITH RSM AND ANN**  
UZUNER S., Tezel G. B., Cakmak N.  
ITALIAN JOURNAL OF FOOD SCIENCE, vol.28, no.2, pp.271-286, 2016 (SCI-Expanded)
- XV. **STUDY OF LIPASE ENZYM ACTIVITY WITH Candida utilis YEAST IN DIFFERENT MEDIA CONDITION**  
KEKLİKCİOĞLU ÇAKMAK N., AÇIKEL Ü.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.30, no.3, pp.475-485, 2015 (SCI-Expanded)
- XVI. **Rheological characterization of polyethylene glycol based TiO2 nanofluids**  
YAPICI K., Cakmak N., Ilhan N., ULUDAĞ Y.  
KOREA-AUSTRALIA RHEOLOGY JOURNAL, vol.26, no.4, pp.355-363, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Experimental thermal performance investigation of double pipe heat exchanger using MWCNT/water nanofluid**  
Porgar S., Keklikcioğlu O., Keklikcioğlu Çakmak N.  
Energy, Environment and Storage Journal, vol.3, no.3, pp.96-104, 2023 (Peer-Reviewed Journal)
- II. **Experimental Investigation of Rheological Properties of Boric Acid Glycerin**  
Topal Canbaz G., Keklikcioğlu Çakmak N.  
Avrupa Bilim ve Teknoloji Dergisi, no.36, pp.26-31, 2022 (Peer-Reviewed Journal)
- III. **Does dietary intake of acrylamide affect hydroxyproline levels? An animal study**  
AĞBEKTAŞ T., PAZARCI Ö., TAŞ A., KEKLİKCİOĞLU ÇAKMAK N., KILINÇ S., SİLİĞ Y.  
ScopeMed, vol.11, 2022 (Peer-Reviewed Journal)
- IV. **A numerical study of the natural convection of Al2O3-EG nanofluid in a square enclosure and**

**impacts and a comparison of various viscosity and thermal conductivity models**

Keklikcioğlu Çakmak N., Durmazuçar H. H., Yapıcı K.

International Advanced Researches and Engineering Journal, vol.5, no.2, pp.218-230, 2021 (Peer-Reviewed Journal)

- V. **A numerical study of mixed convection heat transfer in a lid-driven cavity using Al<sub>2</sub>O<sub>3</sub>-water nanofluid**  
KEKLİKCİOĞLU ÇAKMAK N., DURMAZUÇAR H. H., YAPICI K.  
International Journal of Chemistry and Technology, vol.4, no.1, pp.22-37, 2020 (Peer-Reviewed Journal)
- VI. **TiO<sub>2</sub> Nanopartikülü ve TiO<sub>2</sub>/Aktif Çamur Sentezi ile Sulu Çözeltilerden Cu (II) İyonlarının Adsorpsiyonu**  
KEKLİKCİOĞLU ÇAKMAK N., TOPAL CANBAZ G.  
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.1, pp.86-98, 2020 (Peer-Reviewed Journal)
- VII. **Cytotoxic activity of zinc oxide/titanium dioxide nanoparticles on prostate cancer cells**  
TAŞ A., KEKLİKCİOĞLU ÇAKMAK N., AGBEKTAS T., SİLİĞ Y.  
International Journal of Chemistry and Technology, vol.3, no.2, pp.113-120, 2019 (Peer-Reviewed Journal)
- VIII. **Synthesis and stability analysis of folic acid-graphene oxide nanoparticles for drug delivery and targeted cancer therapies**  
KEKLİKCİOĞLU ÇAKMAK N., KÜÇÜKYAZICI M., EROĞLU A.  
International Advanced Researches and Engineering Journal, vol.3, no.2, pp.81-85, 2019 (Peer-Reviewed Journal)
- IX. **ETİLEN PROPİLEN DİEN MONOMER (EPDM) KAUKUK KARIŞIMININ SENTEZİ VE KARAKTERİZASYONU**  
KEKLİKCİOĞLU ÇAKMAK N., ENGİN Y. E.  
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, no.2, pp.1299-1306, 2019 (Peer-Reviewed Journal)
- X. **Removal of Acid Orange 74 from wastewater with TiO<sub>2</sub> nanoparticle**  
TOPAL CANBAZ G., KEKLİKCİOĞLU ÇAKMAK N., EROĞLU A., AÇIKEL Ü.  
International Advanced Researches and Engineering Journal, vol.3, no.1, pp.75-80, 2019 (Peer-Reviewed Journal)
- XI. **Chemotherapeutic effects of doxorubicin loaded Peg coated Tio<sub>2</sub> nanocarriers on breast cancer cell lines**  
TAŞ A., KEKLİKCİOĞLU ÇAKMAK N., GÜMÜŞ E., ATABEY M., SİLİĞ Y.  
Annals of Medical Research, vol.26, no.5, pp.821-826, 2019 (Peer-Reviewed Journal)
- XII. **Nanodrugs For Cancer Therapy**  
KEKLİKCİOĞLU ÇAKMAK N., TAŞ A.  
Journal of Current Researches on Health Sector, vol.8, no.2, pp.175-184, 2018 (Peer-Reviewed Journal)
- XIII. **Development of TiO<sub>2</sub>-PEG-PTX Nanoparticle Based Drug Systems and Invesigation of Anticancer Activity on SH-SY5Y cells**  
TAŞ A., KEKLİKCİOĞLU ÇAKMAK N., SİLİĞ Y.  
Asian Journal of Science and Technology, vol.9, no.12, pp.9079-9082, 2018 (Peer-Reviewed Journal)
- XIV. **Cytotoxicity Studies of TiO<sub>2</sub>/ZnO Nanocomposites on Cervical Cancer Cells**  
TAŞ A., KEKLİKCİOĞLU ÇAKMAK N., SİLİĞ Y.  
International Journal of Modern Research in Engineering and Technology, vol.3, no.12, pp.17-24, 2018 (Peer-Reviewed Journal)
- XV. **Evaluation of Synergistic Effect of TiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> Nanoparticles on Hela Cell Line**  
KEKLİKCİOĞLU ÇAKMAK N., TAŞ A., SİLİĞ Y.  
International Journal of Scientific and Technological Research, vol.4, no.10, pp.424-434, 2018 (Peer-Reviewed Journal)
- XVI. **Boric Acid Inhibits Cell Growth in SH-SY5Y Neuroblastoma Cell Line**  
KEKLİKCİOĞLU ÇAKMAK N., TAŞ A., SİLİĞ Y.  
International journal of science and research, vol.7, no.11, pp.1488-1490, 2018 (Peer-Reviewed Journal)
- XVII. **The Cytotoxic Effects of Titanium Oxide Nanoparticle on MDA-MB-231 AND MCF-7 Cells**  
ŞAHİN BÖLÜKBAŞI S., KEKLİKCİOĞLU ÇAKMAK N., TAŞ A., ÖZMEN E., ÇEVİK E., GÜMÜŞ E., SİLİĞ Y.  
International Journal of Scientific and Technological Research, vol.4, no.8, pp.78-84, 2018 (Peer-Reviewed Journal)
- XVIII. **Examination of Rheological Behavior of Water-Based Graphene Oxide Nanofluids**

KEKLİKÇİOĞLU ÇAKMAK N., TEMEL Ü. N., YAPICI K.

Cumhuriyet Science Journal, vol.38, no.3, pp.158-165, 2017 (Peer-Reviewed Journal)

**XIX. MODELING OF BURGER PARAMETERS FOR CMC-GUAR GUM BASED POLYMER NETWORK**

TEZEL TANRISEVER G. B., UZUNER S., KEKLİKÇİOĞLU ÇAKMAK N.

GIDA / THE JOURNAL OF FOOD, vol.42, no.4, pp.413-421, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

**I. DRUG DELIVERY SYSTEMS FOR LOADING OF MEDICINAL AND AROMATIC PLANTS (MAPS) AND THEIR BIOMEDICAL APPLICATIONS**

Keklikcioğlu Çakmak N.

in: DIFFERENT PERSPECTIVES IN MEDICINAL AND AROMATIC PLANTS, Assoc. Prof. Dr. Gülen ÖZYAZICI, Assoc. Prof. Dr. Esra UÇAR, Editor, İksad Yayınevi, Ankara, pp.277-307, 2022

**II. KANSERDE İLAÇ TEKNOLOJİSİ**

KEKLİKÇİOĞLU ÇAKMAK N.

in: HER YÖNÜYLE KANSER, PROF.DR. HİLMİ ATASEVEN, DOÇ.DR. KORAY SAYIN, Editor, SİVAS CUMHURİYET ÜNİVERSİTESİ, Sivas, pp.539-550, 2020

## Refereed Congress / Symposium Publications in Proceedings

**I. Borik Asit-Gliserin' in Reolojik Özelliklerinin Deneysel Olarak İncelenmesi**

TOPAL CANBAZ G., KEKLİKÇİOĞLU ÇAKMAK N.

1st International Conference on Engineering and Applied Natural Sciences, 10 - 13 May 2022

**II. Combination Of N-Acetyl Cysteine And Carvacrol: Is It A New Therapeutic Approach Against The Most Common Orthopedic Infection Agent Staphylococcus Aureus?**

PAZARCI Ö., TAŞKIN KAFA A. H., TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., HASBEK M., KILINÇ S., TUNÇBİLEK Z.

24th EFORT Annual Congress Vienna 2023, Viyana, Austria, 24 - 26 May 2023

**III. N-Asetil sistein ve carvacrol kombinasyonu:S. Aureus enfeksiyonlarına yeni bir terapötik yaklaşım mı?**

PAZARCI Ö., TAŞKIN KAFA A. H., TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., HASBEK M., KILINÇ S., TUNÇBİLEK Z.

31. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 - 30 October 2022, vol.56, pp.71

**IV. Investigation of stability and Synthesis of nano carrier system for chemotherapeutic agents that are used in cancer treatment**

Keklikcioğlu Çakmak N., Çelik E.

Fifth International Conference on Engineering Sciences for Biology and Medicine ESBM 2022, Tunis, Tunisia, 21 - 23 October 2022, pp.59-60

**V. Research of new material, for the electrochemical sensors, based on graphene oxide**

Hammami N., KEKLİKÇİOĞLU ÇAKMAK N., TOPAL CANBAZ G., ATEŞ A., Megdiche M.

The Fifth International Conference on Engineering Sciences on Biology and Medicine, Sousse, Tunisia, 21 - 23 October 2022, pp.18-16

**VI. USE OF BORON COMPOUNDS IN CANCER TREATMENT**

Keklikcioğlu Çakmak N., Çınar S.

III. INTERNATIONAL CANCER DAYS, Sivas, Turkey, 15 - 17 September 2022, pp.288-289

**VII. Nonenzymatic Glucose Sensor Based on In Situ Reduction of NiO-Graphene Nanocomposite**

Gharsallah F., Topal Canbaz G., Keklikcioğlu Çakmak N., Oskay K. O., Ateş A., Ghorbel N., Arous M., Maalej R.

5th International Conference on Physical Chemistry & Functional Materials, Sivas, Turkey, 23 - 25 June 2022, pp.40

**VIII. Reduced Graphene Oxide Decorated with Nickel Nanoparticles for Glucose Sensing**

Gharsallah F., TOPAL CANBAZ G., KEKLİKÇİOĞLU ÇAKMAK N., ATEŞ A., OSKAY K. O., Ghorbel N., Arous M.

5 th International Conference on Physical Chemistry & Functional Materials (PCFM), 23 June 2022

- IX. ANTICANCER ACTIVITY AND EXPRESSION LEVELS OF DUSP GENES OF DOXORUBICIN AND PACLITAXEL DRUGS LOADED ON THE NANOCARRIER SYSTEM IN PROSTATE CANCER**  
TUNÇBİLEK Z., TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., SİLİĞ Y.  
TBS International Biochemistry Congress 2021 - 32nd National Biochemistry Congress, Gaziantep, Turkey, 27 - 30 October 2021, vol.46, no.2
- X. IN VITRO CYTOTOXIC ACTIVITY OF ZEOLITE-FOLAT-CHITOSAN NANOPARTICLES LOADED IN THE NANOCARRIER SYSTEM IN DU-145 CELL LINE**  
KEKLİKÇİOĞLU ÇAKMAK N., TAŞ A., GÜÇLÜ G., ÇINAR G., SİLİĞ Y.  
TBS International Biochemistry Congress 2021 - 32nd National Biochemistry Congress, Gaziantep, Turkey, 27 - 30 October 2021, vol.46
- XI. FOLIC ACID TARGETED DOXORUBICIN SYNTHESIS, ANTICANCER ACTIVITY AND GENE EXPRESSION ANALYSIS IN CERVICAL CANCER CELLS**  
KEKLİKÇİOĞLU ÇAKMAK N., TAŞ A., GÜÇLÜ G., KUCUKYAZICI M., AĞBEKTAŞ T., SİLİĞ Y.  
2nd International Cancer Days, Turkey, 26 October 2021
- XII. ANTICANCER ACTIVITY OF rGO-Fe<sub>3</sub>O<sub>4</sub>-TiO<sub>2</sub> MOLECULE ON SH-SY5Y NEUROBLASTOMA CELL LINE.**  
KEKLİKÇİOĞLU ÇAKMAK N., AĞBEKTAŞ T., ÇINAR G., SİLİĞ Y.  
2nd International Cancer Days, Turkey, 26 October 2021
- XIII. In Vitro ANTICANCER ACTIVITIES OF FOLATE-CHITOSAN NANOPARTICLES LOADED WITH ZEOLITE, ANGIOGENESIS AND OXIDATIVE STRESS GENE EXPRESSIONS IN CERVICAL CANCER**  
ZONTUL C., GÜÇLÜ G., KEKLİKÇİOĞLU ÇAKMAK N., AĞBEKTAŞ T., EROĞLU A., SİLİĞ Y.  
2nd International Cancer Days, Turkey, 26 October 2021
- XIV. In vitro CERVICAL ANTI-CANCER ACTIVITIES OF PACLITAXEL LOADED FOLATE-CHITOSAN NANOPARTICLES AND EXPRESSION ANALYSIS OF MYC, PRDX1, NFKB1 GENES.**  
AĞBEKTAŞ T., KEKLİKÇİOĞLU ÇAKMAK N., KUCUKYAZICI M., ZONTUL C., SİLİĞ Y.  
2nd International Cancer Days, Turkey, 26 October 2021
- XV. AN OPTIMIZATION OF THERMAL CONDUCTIVITY OF GNP-Fe<sub>3</sub>O<sub>4</sub>/ WATERETHYLENE GLYCOL HYBRID NANOFLUID USING TAGUCHI METHOD**  
KEKLİKÇİOĞLU O., KEKLİKÇİOĞLU ÇAKMAK N.  
6th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 20 October 2021, vol.1, pp.278-286
- XVI. SYNTHESIS AND CHARACTERIZATION OF PEGYLATED TITANIUM OXIDE NANOCARRIER BASED CANCER DRUGS AND EVALUATION OF ANTICANCER ACTIVITY AND BIOCHEMICAL PARAMETERS ON PROSTATE CANCER**  
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## Tasks In Event Organizations

Keklikcioğlu Çakmak N., 3. ULUSLARARASI KANSER GÜNLERİ, Scientific Congress, Sivas, Turkey, Eylül 2022

Keklikcioğlu Çakmak N., 2. INTERNATIONAL CANCER DAYS (2ND ICD), Scientific Congress, Sivas, Turkey, Eylül 2021

Keklikcioğlu Çakmak N., 1. INTERNATIONAL CANCER DAYS (1ND ICD), Scientific Congress, Sivas, Turkey, Eylül 2019

## Metrics

Publication: 109  
Citation (WoS): 49  
Citation (Scopus): 145  
H-Index (WoS): 4

H-Index (Scopus): 6

## **Congress and Symposium Activities**

12.ULUSAL ONKOLOJİK ARAŞTIRMALAR ÇALIŞTAYI, Invited Speaker, Antalya, Turkey, 2016

## **Awards**

Pazarcı Ö., Taşkın Kafa A. H., Taş A., Keklikcioğlu Çakmak N., Hasbek M., Kılınç S., Tunçbilek Z., N-asetil sistein ve carvacrol kombinasyonu: S. aureus enfeksiyonlarına yeni bir terapötik yaklaşım mı?, Prof. Dr. Zeki Korkusuz Temel Bilimler Araştırma Ödülü (Türk Ortopedi Ve Travmatoloji Birliği Derneği), October 2022

Keklikcioğlu Çakmak N., 1.ULUSLARARASI KANSER GÜNLERİ EN İYİ POSTER ÖDÜLÜ, 1.Uluslararası Kanser Günleri , October 2019

Keklikcioğlu Çakmak N., TÜRK BİYOKİMYA DERNEĞİ EN İYİ POSTER ÖDÜLÜ, Türk Biyokimya Derneği, July 2016

## **Non Academic Experience**

CUMHURİYET ÜNİVERSİTESİ HASTANESİ BİYOKİMYA LABORATUVARI