Assoc. Prof. DENİZ KARATAŞ

Personal Information

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International Researcher IDs
ScholarID: nz6x0pAAAAAJ
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Publons / Web Of Science ResearcherID: R-6903-2019
ScopusID: 55219920900
Yoksis Researcher ID: 329474

Education

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2017
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2011
Undergraduate, Istanbul Technical University, Turkey 2004 - 2009

Foreign Languages

English

Dissertations

Doctorate, Hedefli kanser tedavisine yönelik kil katkılı nanopartikül üretimi ve modellenmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2017
Postgraduate, Sepiyolit kiline kuvaterner amin surfaktanlarının adsorpsiyonunun deneysel ve teorik olarak incelenmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Avesis Research Areas: Health Sciences, Biochemistry, Bioinformatics, Molecular Biology and Genetics, Chemistry, Engineering and Technology
WoS Research Areas: Biochemistry & Molecular Biology, Biology & Biochemistry, Engineering Computing & Technology (Eng), Computer Science, Engineering, Materials Science, Natural Sciences General, Chemistry, Multidisciplinary Sciences
Scopus Research Areas: General Biochemistry, Genetics and Molecular Biology, Biochemistry (medical), General Computer Science, General Engineering, General Materials Science, General Chemistry, Multidisciplinary

Academic Positions

Assistant Professor, Manisa Celal Bayar University, 2020 - Present

Academic and Administrative Experience

Manisa Celal Bayar University, 2024 - Present

Courses

Undergraduate
Computer Aided Technical Drawing, Undergraduate, 2023-2024
Bioinformatics, Undergraduate, 2023-2024
Molecular Modeling, Undergraduate, 2023-2024
Engineering Management and Ethics, Undergraduate, 2023-2024
Basic Computer Programming, Undergraduate, 2022-2023
Statistics, Undergraduate, 2022-2023
Engineering Economy, Undergraduate, 2021-2022
Thermodynamics, Undergraduate, 2020-2021
Undergraduate Double Major
Engineering Mathematics, Undergraduate Double Major, 2023-2024
Advenced Molecular Modelling, Undergraduate Double Major, 2023-2024

Supervised Theses

KARATAŞ D., Evaluation of new drug ingredients affecting prostate specific antigen (PSA) protein concentration in prostate cancer treatment using molecular modeling methods, Postgraduate, B.KARALAR(Student), 2024
KARATAŞ D., Investigation of the Type 2 Diabetes Mellitus Treatment Potential of Astaxanthin Produced from Microalgae through Molecular Modeling, Postgraduate, N.SAZLI(Student), 2024
KARATAŞ D., Breast cancer modelling with grape seed flavonoids: A molecular docking, molecular dynamics simulation, and density functional theory study, Postgraduate, E.SOYLU(Student), 2024
KARATAŞ D., Discovery of New Drug Ingredients with HER2 Protein Suppressing Effect in Breast Cancer Treatment with Molecular Modeling Methods, Postgraduate, M.YAĞMUR(Student), 2023
KARATAŞ D., Enhancing L-asparaginase catalytic activity for improved antileukemic activity: A computational study on Thermococcus kodakarensis L-asparaginase mutations, Postgraduate, P.EKMEKCİ(Student), 2023

Articles

I. **Biallelic *SLC20A2* loss-of-function in severe early-onset neurodevelopmental disorder with brain calcification**
Mutlu M. B., Sezer A., Ozdemir E., Bayram A. K., GÜVEN D., Yilmaz S., Sazli N., KARATAŞ D., Oz E., Bayramlar Z., et al.
JOURNAL OF HUMAN GENETICS, vol.71, no.11, pp.731-740, 2026 (SCI-Expanded, Scopus)

II. **Microalgae-derived astaxanthin modulates the hormone receptor network associated with type 2 diabetes mellitus: An in-silico investigation supported by experimental literature**
Sazlı N., KARATAŞ D.
Computational Biology and Chemistry, vol.124, 2026 (SCI-Expanded, Scopus)

III. **Flotation of a Copper Oxide-Sulfide Ore Using NaHS-Assisted Sulfidization and 2,5-Dimercapto-1,3,4-Thiadiazole (DMTD) as a Collector: Experimental and DFT Insights**
Nozari I., Azizi A., Dehghani H., KARATAŞ D., Hassanzadeh A.
MINERALS, vol.16, no.8, 2026 (SCI-Expanded, Scopus)

IV. **Multifaceted Elucidation of the BARD1-Targeting Mechanism of Natural Ginsenosides Through Molecular Docking, Molecular Dynamics Simulations, DFT Calculations, and MM/PBSA Analyses**
Sazlı N., KARATAŞ D.
ChemistrySelect, vol.11, no.5, 2026 (SCI-Expanded, Scopus)

V. **Experimental and DFT investigations on multifunctional $Ti_3C_2T_x$ MXenes/ PDAAQ free standing interlayer for enhancing the cycle life and high-rate performance of Na-S batteries**
Kiai M. S., Aslfattahi N., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, vol.208, 2026 (SCI-Expanded, Scopus)

VI. **In silico Assessment of the Interaction of the Natural Compound Zeaxanthin with Insulin, Glucocorticoid, and GLP-1 Receptors Associated with Type 2 Diabetes**
Sazlı N., KARATAŞ D.
Eurasian Journal of Biological and Chemical Sciences, vol.8, no.2, pp.40-50, 2025 (Peer-Reviewed Journal)

VII. **Hydrogen storage in transition metal-loaded MCM-41: an integrated density functional theory and Monte Carlo simulation investigation**
KARATAŞ D., Tekin A.
Adsorption, vol.31, no.8, 2025 (SCI-Expanded, Scopus)

VIII. **Simulation, DFT calculation, and experimental investigation of graphene nanoplates@MoS2@CoS2 for electrochemically stable Li-S batteries**
Aslfattahi N., Kiai M. S., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
Ionics, vol.31, no.12, pp.12681-12694, 2025 (SCI-Expanded, Scopus)

IX. **Atomistic interaction between β-tricalcium phosphate and the BMP-2 receptor via molecular docking and density functional theory**
Sazlı N., KARATAŞ D.
Materials Today Communications, vol.49, 2025 (SCI-Expanded, Scopus)

X. **In Silico Design and Computational Elucidation of Hypothetical Resveratrol–Curcumin Hybrids as Potential Cancer Pathway Modulators**
Sazlı N., KARATAŞ D.
Pharmaceuticals, vol.18, no.10, 2025 (SCI-Expanded, Scopus)

XI. **The Development and Experimental Analysis of Freestanding Single-Walled Carbon Nanotube/Sulfur Composite Cathode for the Next Generation of Sulfur-Based Batteries**
Kiai M. S., Aslfattahi N., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
Energy Technology, vol.13, no.9, 2025 (SCI-Expanded, Scopus)

XII. **COMPUTATIONAL EVALUATION OF GINSENOSIDES AS ALTERNATIVE THERAPEUTIC AGENTS TARGETING THE BREAST CANCER-ASSOCIATED BARD1 GENE: MOLECULAR DOCKING AND ARTIFICIAL INTELLIGENCE APPROACHES**
Sazlı N., Karataş D.
Innovative Approaches to Engineering Problems, vol.1, no.2, pp.36-44, 2025 (Peer-Reviewed Journal)

XIII. **Multifunctional $Ti_3C_2T_x$ MXene/carbon nanotube interlayer as a polysulfide electrocatalyst with a high sulfur loading cathode in pre-lithiation Si/S batteries**
Kiai M. S., Aslfattahi N., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
CATALYSIS SCIENCE & TECHNOLOGY, vol.15, no.18, pp.5384-5393, 2025 (SCI-Expanded, Scopus)

XIV. **Multifunctional PANI/$Ti_3C_2T_x$ MXene nanocomposites for enhancing Na-S battery performance**
Aslfattahi N., Kiai M. S., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
CATALYSIS SCIENCE & TECHNOLOGY, vol.15, no.17, pp.5167-5176, 2025 (SCI-Expanded, Scopus)

XV. **Experimental and DFT calculations for C/ZnO@S cathode and prelithiation Si anode for advanced sulfur-based batteries**
Kiai M. S., Aslfattahi N., Mansoor M., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
Ionics, vol.31, no.7, pp.6819-6828, 2025 (SCI-Expanded, Scopus)

XVI. **Investigating the Potential of Natural Agents for Colorectal Cancer Treatment with Molecular Modeling**

Arabacı E., Sazli N., karatas d.
Karadeniz Fen Bilimleri Dergisi, vol.15, no.2, pp.787-806, 2025 (TRDizin)

XVII. **Investigation of a Stable Interaction of Levothyroxine with AFP Through Molecular Modelling**
Akbaba E., Karataş D., Gönel A., Soylu E., Kiraz B., Almahdi Y. A.
CUMHURIYET SCIENCE JOURNAL, vol.46, no.2, pp.274-285, 2025 (TRDizin)

XVIII. **Interfacial synergy of pre-lithiation silicon anodes and GNP/MnO2/S cathodes for lithium polysulfides in silicon-sulfur batteries studied via DFT**
Aslfattahi N., Kiai M. S., KARATAŞ D., Baydoğan N., Samylingam L., Kadirgama K., Kok C. K.
Sustainable Energy and Fuels, vol.9, no.8, pp.2137-2148, 2025 (SCI-Expanded, Scopus)

XIX. **Exploring Therapeutic Potentials of Natural Agents Against Breast Cancer Using Molecular Modeling**
Sazli N., karatas d.
Genel Tıp Dergisi, vol.35, no.1, pp.52-69, 2025 (TRDizin)

XX. **A Review on the Antidiabetic Potential of Saffron in the Treatment of Type 2 Diabetes Mellitus and Its Research Methodologies**
Sazlı N., KARATAŞ D.
Soma Meslek Yüksekokulu Teknik Bilimler Dergisi, vol.2, no.38, pp.20-28, 2024 (Peer-Reviewed Journal)

XXI. **Prebiotic Chemistry and Sepiolite: A Density Functional Theory Approach**
Karataş D.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.13, no.3, pp.553-563, 2024 (TRDizin)

XXII. **Prebiotic Chemistry and Sepiolite: A DFT Approach**
KARATAŞ D.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, 2024 (TRDizin)

XXIII. **Reviewing the Optimal Conditions for Efficiently Harnessing the Phytotherapeutic Potential of the Invasive Carpobrotus edulis (L.) N.E. Br Plant Threatening Plant Diversity**
Sazlı N., KARATAŞ D.
Soma Meslek Yüksekokulu Teknik Bilimler Dergisi, vol.1, no.37, pp.38-49, 2024 (Peer-Reviewed Journal)

XXIV. **Demonstration of Interaction between Carbapenem Group Antibiotics and Different Immunosuppressant Drugs by Molecular Docking**
KARATAŞ D., Gonel A., Koyuncu I., Temiz E., Egi K., Durgun M., Akmese S., Caglayan M.
Letters in Drug Design and Discovery, vol.21, no.5, pp.880-887, 2024 (SCI-Expanded, Scopus)

XXV. **Adsorption mechanism of HTAB-octanol mixture onto silica sensor by QCM-D and MD simulation**
KARATAŞ D., Can M. F., Karaguzel C., Çelik M. S., Xu Z.
Minerals Engineering, vol.201, 2023 (SCI-Expanded, Scopus)

XXVI. **Phytochemicals of Hibiscus sabdariffa with Therapeutic Potential against SARS-CoV-2: A Molecular Docking Study**
AKBABA E., karatas d.
Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.2, pp.872-888, 2023 (TRDizin)

XXVII. **Investigation of The Binding Potential of Gadobutrol, Iohexol and Fluorescein Radiocontrast Agents to the TSH Receptor**
KARATAŞ D., GÖNEL A.
JOURNAL OF INTELLIGENT SYSTEMS WITH APPLICATIONS, no.2, pp.90-94, 2022 (Peer-Reviewed Journal)

XXVIII. **Investigation of the interactions of arsenic with gangue minerals in colemanite calcination**
Karaagaclioglu I. E., KARATAŞ D., Özyıldırım Ö., Çelik M. S.
MICROPOROUS AND MESOPOROUS MATERIALS, 2022 (SCI-Expanded, Scopus)

XXIX. **Enhancing the Kinetic Stability of Polymeric Nanomicelles (PLGA) Using Nano-Montmorillonite for Effective Targeting of Cancer Tumors**
KARATAŞ D., BAHADORI F., Tekin A., ERGİN KIZILÇAY G., Çelik M. S.
JOURNAL OF PHYSICAL CHEMISTRY B, no.2, pp.463-479, 2022 (SCI-Expanded, Scopus)

XXX. **Morphological analysis of organo-montmorillonites via MD simulations**
KARATAŞ D., Tekin A., Can M. F., Xu Z., Çelik M. S.
PHYSICOCHEMICAL PROBLEMS OF MINERAL PROCESSING, no.5, 2022 (SCI-Expanded, Scopus)

XXXI. **Modeling of molecular interaction between catechol and tyrosinase by DFT**
POLATOĞLU İ., KARATAŞ D.
Journal of Molecular Structure, vol.1202, 2020 (SCI-Expanded, Scopus)

XXXII. **Coating Mechanism of AuNPs onto Sepiolite by Experimental Research and MD Simulation**
KARATAŞ D., Senol Arslan D., KURŞUN ÜNVER İ., Özdemir O.
COATINGS, no.12, 2019 (SCI-Expanded, Scopus)

XXXIII. **EXPERIMENTAL AND ATOMIC MODELING OF THE ADSORPTION OF ACID AZO DYE 57 TO SEPIOLITE**
KARATAŞ D., Senol-Arslan D., Özdemir O.
CLAYS AND CLAY MINERALS, no.5, pp.426-437, 2018 (SCI-Expanded, Scopus)

XXXIV. **Interaction of curcumin in a drug delivery system including a composite with poly(lactic-*co*-glycolic acid) and montmorillonite: a density functional theory and molecular dynamics study**
KARATAŞ D., Tekin A., BAHADORI F., Çelik M. S.
JOURNAL OF MATERIALS CHEMISTRY B, no.40, pp.8070-8082, 2017 (SCI-Expanded)

XXXV. **DENSITY FUNCTIONAL THEORY COMPUTATION OF ORGANIC COMPOUND PENETRATION INTO SEPIOLITE TUNNELS**
KARATAŞ D., Tekin A., Çelik M. S.
CLAYS AND CLAY MINERALS, no.1, pp.1-13, 2017 (SCI-Expanded, Scopus)

XXXVI. **Adsorption of quaternary amine surfactants and their penetration into the intracrystalline cavities of sepiolite**
KARATAŞ D., Tekin A., Çelik M. S.
NEW JOURNAL OF CHEMISTRY, no.12, pp.3936-3948, 2013 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **EVALUATION OF THE BINDING BEHAVIOR OF GINSENOSIDE-BASED STRUCTURAL ANALOGS ON THE ANK DOMAIN USING IN SILICO TECHNIQUES IN THE SEARCH FOR ALTERNATIVE SOLUTIONS FOR BREAST CANCER TREATMENT**
Sazlı N., KARATAŞ D.
14th International Azerbaijan Congress on Life, Engineering, Mathematical, and Applied Sciences |, Baku, Azerbaijan, 26 March 2026, (Full Text)

II. **Assessment Of The Multi-Target Modulator Potential Of Microalgae-Derived Zeaxanthin On The Stabilization Of P53- Related Receptor Structures And Mdm2 Inhibition Via In Silico Analyses: Molecular Docking And Admet Evaluation**
Sazlı N., KARATAŞ D.
9th INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS, Konya, Turkey, 14 - 15 March 2026, (Full Text)

III. **Discovery Of Natural Stabilizers For The Undruggable Bard1- Ard Receptor: Molecular Docking And Pharmacokinetic Analysis Of Ginsenoside Analogues And The Chemotherapy Drug Docetaxel**
Sazlı N., KARATAŞ D.
7th INTERNATIONAL BLACK SEA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Trabzon, Turkey, 22 - 23 February 2026, (Full Text)

IV. **PROMISING CANDIDATES FOR TYPE 2 DIABETES TREATMENT: BINDING AND ADMET PROFILES OF MICROALGAL ZEAXANTHIN ANALOGS AS INSULIN RECEPTOR KINASE MODULATORS**
Sazlı N., KARATAŞ D.
24TH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE AND MATHEMATICAL SCIENCES |, İstanbul, Turkey, 20 - 22 February 2026, (Full Text)

V. **COMPARATIVE ANALYSIS OF THE BINDING INTERACTIONS AND PHARMACOKINETIC SUITABILITY OF MICROALGAL ASTAXANTHIN PIGMENT WITH INSULIN, GLUCAGON, AND GLP-1 RECEPTORS ASSOCIATED WITH T2DM**
Sazlı N., KARATAŞ D.
13th INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Şanlıurfa, Turkey, 24 -

25 January 2026, (Full Text)

VI. **EVALUATION OF ASTAXANTHIN'S EFFECTS ON INSULIN, GLUCAGON, AND GLP-1 RECEPTORS, WHICH PLAY A KEY ROLE IN THE PATHOPHYSIOLOGY OF TYPE 2 DIABETES MELLITUS, USING PAN-MODULATOR MOLECULAR DOCKING AND ADMET-BASED ANALYSES**
Sazlı N., KARATAŞ D.
6TH INTERNATIONAL THALES CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE AND MATHEMATICS, Kahire, Egypt, 20 - 22 January 2026, (Full Text)

VII. **MOLECULAR DOCKING AND ADMET APPROACHES FOR TARGETING CURCUMIN AND ITS ANALOGS AGAINST THE GTP-BOUND ACTIVE FORM OF KRAS IN NSCLC**
Sazlı N., KARATAŞ D.
13th INTERNATIONAL CONFERENCE ON SCIENTIFIC RESEARCH, Sharm El Sheik, Egypt, 2 - 05 July 2025, (Full Text)

VIII. **In Silico Evaluation of Multi-Target Natural Compounds for Type 2 Diabetes Treatment: Molecular Docking and Pharmacokinetic Profiling**
Sazlı N., KARATAŞ D.
19. Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi, Ankara, Turkey, 12 July 2025, (Full Text)

IX. **IN SILICO EVALUATION OF RESVERATROL AND ITS ANALOGS TARGETING THE HGF/C-MET RECEPTOR FOR THE TREATMENT OF PANCREATIC CANCER**
Sazlı N., KARATAŞ D.
20th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, İstanbul, Turkey, 12 May 2025, (Full Text)

X. **EVALUATING THE DRUG POTENTIAL OF THE NATURAL AGENT GINSENOSIDES FOR THE TREATMENT OF BARD1-RELATED BREAST CANCER USING A MOLECULAR MODELING APPROACH**
Sazlı N., KARATAŞ D.
6TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Trabzon, Turkey, 23 - 25 August 2024, (Full Text)

XI. **INVESTIGATION OF THE POTENTIAL OF THE NATURAL AGENT CROCIN AS AN ALTERNATIVE TO CHEMICAL DRUGS IN THE TREATMENT OF PIK3CA-RELATED BREAST CANCER USING A MOLECULAR MODELING APPROACH**
Sazlı N., KARATAŞ D.
16th INTERNATIONAL CONGRESS SCIENTIFIC RESEARCH, CHINA TO ADRIATIC, Bitlis, Turkey, 12 - 14 July 2024, (Full Text)

XII. **INVESTIGATION OF A NATURAL AGENT SOLUTION ON BREAST CANCER BY MOLECULAR MODELING**
Sazlı N., KARATAŞ D.
9TH INTERNATIONAL BiLTEK CONGRESS ON CURRENT DEVELOPMENTS iN SCIENCE, TECHNOLOGY AND SOCIAL SCIENCES, Hakkari, Turkey, 31 May - 02 June 2024, (Full Text)

XIII. **IN SILICO STUDIES OF EMODIN TARGETING CMET, FGFR1 AND FGFR3 IN THE MANAGEMENT OF BLADDER CANCER**
AKBABA E., KARATAŞ D.
7th INTERNATIONAL CONFERENCE ON MEDICAL & HEALTH SCIENCES, Ordu, Turkey, 6 - 08 July 2023, pp.1636-1643, (Full Text)

XIV. **Interaction of Wild Type and V804l and V804m-Mutated Ret Protein Kinase with Emodin: In Silico Approach**
AKBABA E., KARATAŞ D.
3rd International Conference on General Health Sciences (ICGeHeS), marmaris, Turkey, 27 - 30 April 2023, vol.9, pp.14-20, (Full Text)

XV. **Interaction of Povidone Iodine with Estrogen and Progesterone Receptors by Molecular Docking**
KARATAŞ D., GÖNEL A.
The Proceedings of the 26th International Biomedical Science and Technology Symposium, Ankara, Turkey, 25 - 27 November 2022, (Summary Text)

XVI. **Nikotinin Klotho Proteinine Afinitesinin Moleküler Docking ile Demonstrasyonu**

KARATAŞ D., GÖNEL A., ÇAĞLAYAN M.
33. ULUSAL KİMYA KONGRESİ, Tekirdağ, Turkey, 7 - 09 October 2021, pp.166, (Summary Text)

XVII. **FLOTATION CHEMISTRY OF A RARE EARTH MINERAL: BASTNASITE**
KARATAŞ D., KARAAĞAÇLIOĞLU İ. E., EYGİ M. S., ÇELİK M. S.
XVII. BALKAN MINERAL PROCESSING CONGRESS, 01 November 2017, (Full Text)

XVIII. **HOW GANGUE MINERALS IN COLEMANITE ORE AFFECT ARSENIC REMOVAL DURING ITS CALCINATION**
KARAAĞAÇLIOĞLU İ. E., ÖZYILDIRIM Ö., KARATAŞ D., ÖZDEMİR O., KARAKAŞ F., BOYLU F., ÇELİK M. S.
15th International Mineral Processing Symposium, Istanbul-Turkey, October 19-21, 2016, 19 October 2016, (Full Text)

XIX. **"Upgrading The Montmorillonite Suspensions Through Addition Of Calcined Magnesite**
ÇİNKU K., Çetinel T., KARATAŞ D., KARAAĞAÇLIOĞLU İ. E., BOYLU F.
Proceedings of XIIth International Mineral Processing Symposium, Nevşehir, Turkey, 6 - 08 October 2010, pp.767-773, (Full Text)

Funded Projects

KARATAŞ D., ERDEM M. G., Mikroalglerden Üretilen Astaksantinin Tip 2 Diabetes mellitus Tedavisinde Antidiyabetik Potansiyelinin Klasik Moleküler Modelleme ve Yapay Zeka Yaklaşımları ile Karşılaştırılmalı Olarak İncelenmesi, 2024 - Present

ÇELİK M. S., TEKİN A., BAHADORI F., HEDEFLİ KANSER TEDAVİSİNE YÖNELİK PLGA-MMT NANO KOMPOZİTİNİN ÜRETİMİ VE MOLEKÜLER DİNAMİK SİMÜLASYON İLE İNCELENMESİ, 2015 - 2016

Metrics

Publication: 55
Citation (WoS): 163
Citation (Scopus): 36
H-Index (WoS): 8
H-Index (Scopus): 3

Non Academic Experience

University of Alberta, Akademik Ziyaretçi