



Azizeh Shadidizaji

Dr. Öğr. Üyesi · Ziraat Fakültesi Dekanlığı

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Genel Bakış

Görev yeri: Dr. Öğr. Üyesi · Ziraat Fakültesi Dekanlığı

Scopus Konu Alanları (ASJC): Multidisciplinary

Eğitim ve Yetkinlikler

Eğitim Bilgileri

- Doktora** (2018 – 2023)
Atatürk Üniversitesi · Fen Bilimleri Enstitüsü Müdürlüğü
Türkiye
- Yüksek Lisans** (2011 – 2014)
- Lisans** (2002 – 2006)

Yaptığı Tezler

- Buğdayda tuz stresinde bakır nanopartikülünün etkisinin belirlenmesi** (2023)
Azizeh Shadidizaji
Yaptığı Tez · Doktora · Danışman: PROF. DR. MAHMUT SİNAN TAŞPINAR · Devam ediyor · Atatürk Üniversitesi · Türkiye

Mesleki Deneyim

Akademik Ünvanlar/Görevler

- Dr. Öğr. Üyesi** (2025 – Devam ediyor)
Atatürk Üniversitesi · Ziraat Fakültesi Dekanlığı

Yönetilen Tezler

- Buğdayda (Triticum aestivum L.) Tuz Stresinde Bakır Nanopartikülünün Etkisinin Belirlenmesi** (2022 – Devam ediyor)
Azizeh Shadidizaji
Yönetilen Tez · Rol: Danışman · Doktora · Öğrenci: AZIZEH SHADIDIZAJI

Proje & Tasarımlar

- Kontamine Gıda ve Su Kaynaklarında E colinin Hızlı ve Spesifik Tespiti için Nanopartikül Tabanlı Bir Teşhis Kitinin Rasyonel Tasarımı ve Sentezi (2026)**
Kağan Tolga Cinisli, Sevda Urçar Gelen, TAPAS SEN, Hayrunnisa Nadaroğlu, **Azizeh Shadidzaji**, Ufuk Okay, Irmak Ferah Okay, MESUT TAŞKIN
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- Alzheimer Hastalığına Karşı Aşı Olarak Geliştirilecek CQD ve Karbon Nanotüp Destekli Polimerik Mikro İğnelerin Üretimi (2025)**
Hayrunnisa Nadaroğlu, AZİZE ALAYLI, Kağan Tolga CİNİSLİ, AYNUR BABAGİL, FATMA YEŞİLYURT, Fatma Yeşilyurt, Burak Çınar, Kağan Tolga Cinisli, Dilanur Ateş, AHMET HACİMÜFTÜOĞLU, Burak ÇINAR, Ufuk Okay, Dilanur ATEŞ, Ruken AVŞAROĞLU, **Azizeh Shadidzaji**
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye
- Acinetobacter baumannii'ye Karşı Çoklu-Epitop Temelli Peptit Aşılarının Geliştirilmesi (2025)**
Ufuk Okay, Mehmet Ali Yörük, KANAN TOLGA CİNİSLİ, MUSTAFA ÖZKAN BALTACI, **Azizeh Shadidzaji**, MESUT TAŞKIN, AHMET HACİMÜFTÜOĞLU, Abdelaty Mostafa Abdelaty Hassibelnaby, Irmak Ferah Okay, Öznur ALTUNLU
Proje · Ulusal · Rol: Araştırmacı · Devam Ediyor · Atatürk Üniversitesi · Türkiye

Fikri Mülkiyet

- Innovative Multi-Epitope Vaccine Development for Rheumatoid Arthritis via Immunoinformatics (2026)**
Azizeh Shadidzaji, Ufuk Okay, Kağan Tolga Cinisli, Ahmet Hacımüftüoğlu
Patent
- YEM VE GIDALARIN BIYOKORUNMASINDA POLARIS TÜREVLİ ANTİMİKROBİYAL PEPTİT TASARIMI (2026)**
Azizeh Shadidzaji, Kağan Tolga Cinisli, Ahmet Hacımüftüoğlu, Mahmut Sinan Taşpınar
Patent
- Immunoinformatics Design of a Multi-Epitope Vaccine Candidate Against Influenza A Virus (H3N2) (2026)**
Azizeh Shadidzaji, Kağan Tolga Cinisli, Ahmet Hacımüftüoğlu, Ufuk Okay, Irmak Ferah Okay
Patent

Yayınlar

Makaleler

- Evaluation of the antiparasitic efficacy of praziquantel against Prohemistomum vivax (Cyathocotylidae) metacercariae in naturally infected African catfish (Clarias gariepinus) (2026)**
Mohamed Abdelsalam, Shimaa Abdelkhalek, Reda M S Korany, Marwa A Ibrahim, Dalia A Abdel-Moneam, Mohamad Ali Ahmad Warda, **Azizeh Shadidzaji**, Marwa M Attia
SCIENTIFIC REPORTS, Cilt 16, Sayı 1 · DOI: [10.1038/s41598-026-46340-0](https://doi.org/10.1038/s41598-026-46340-0)
Tam Makale · Uluslararası
- Carotenoid-Rich Pigment Extract From Micrococcus terreus SK34 Induces Apoptosis in SH-SY5Y Neuroblastoma Cells: Integrated Metabolomic, Molecular Docking, and Experimental Validation. (2026)**
Sinem Ilayda Karaagac, Seyda Albayrak, **Azizeh Shadidzaji**, Muhammet Enes Kiziler, Elvan Eroglu, Nazli Pinar Arslan, Mesut Taskin
MicrobiologyOpen, Cilt 15, Sayı 5 · DOI: [10.1002/mbo3.70382](https://doi.org/10.1002/mbo3.70382)
Tam Makale · Uluslararası

3. **Synbiotic and postbiotic reuterin attenuate heat stress in rabbits by improving intestinal barrier function and modulating TLR4-NF- κ B signalling.** (2026)
Khalid Abd El Ghany, Habab M Yassin, Rehab M Mosaad, Hoda A S El-Garhy, Walaa S Saif El Nasr, Randa H Khattab, Ekhlas Ali Morfeine Aika, Hajir A Al Saihati, Mohamad Ali Ahmad Warda, **Azizeh Shadidizaji**, Omar A Ahmed-Farid
Research in Veterinary Science, Cilt 210 · DOI: [10.1016/j.rvsc.2026.106353](https://doi.org/10.1016/j.rvsc.2026.106353)
Tam Makale · Uluslararası
4. **Computational design of oleuropein as a potential antifungal agent and enzyme engineering targeting multidrug-resistant fusarium species** (2026)
Farideh Ghalamfarsa, **Azizeh Shadidizaji**, Kağan Tolga Cinisli, Mohamad Ali Ahmad Warda, Mahmut Sinan Taspınar, Ahmet Hacimuftuoglu
ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, Cilt 119, Sayı 8 · DOI: [10.1007/s10482-026-02379-7](https://doi.org/10.1007/s10482-026-02379-7)
Tam Makale · Uluslararası
5. **Green-Synthesized Strontium-Doped Carbon Dots from Walnut Shells for Sensitive AFB1 Detection: Structural and Energetic Insights** (2026)
Hayrunnisa Nadaroğlu, Hatice Yuncu, **Azizeh Shadidizaji**, Ebru Bozkurt
Food Analytical Methods, Cilt 19, Sayı 7 · DOI: [10.1007/s12161-026-03124-6](https://doi.org/10.1007/s12161-026-03124-6)
Tam Makale · Uluslararası
6. **Inhibiting Candida albicans Chitin Synthase 2 (7STO) with Hydroxycinnamic Acids: A Molecular Docking Study of Ferulic, p-Coumaric, and Caffeic Acids for Managing Plant Pathogenicity** (2026)
Azizeh Shadidizaji, Kağan Tolga Cinisli, Ali Doğan Ömür, Tarique Husain, Mahmut Sinan Taspınar, Mehran Hamidzadeh
NanoEra, Cilt 6, Sayı 1, ss. 21–30
Tam Makale · Ulusal
7. **Oleuropein Attenuates 6-Hydroxydopamine-Induced Cytotoxicity Through Redox Regulation in Differentiated Dopaminergic Neurons: Potential Involvement of RET-Associated Signalling** (2026)
Bushra Y Ahmed, Sigrun Lange, Mohamad Ali Ahmad Warda, **Azizeh Shadidizaji**, Pinar Uysal-Onganer
International Journal of Molecular Sciences, Cilt 27, Sayı 13 · DOI: [10.3390/ijms27135892](https://doi.org/10.3390/ijms27135892)
Tam Makale · Uluslararası
8. **An in silico investigation of hesperidin as a modulator of the irisin/AMPK axis: Implications for exercise-mimetic signaling** (2026)
Yasin Sepil, **Azizeh Shadidizaji**, Yusuf Buzdağlı, Erdinç Şıktar, Ahmet Hacimuftuoglu
Turkish Journal of Kinesiology, Cilt 12, Sayı 3, ss. 279–293 · DOI: [10.31459/turkjin.1909093](https://doi.org/10.31459/turkjin.1909093)
Tam Makale · Uluslararası
9. **Innovative multi-epitope vaccine development for rheumatoid arthritis via immunoinformatics** (2026)
Azizeh Shadidizaji, Farideh Ghalamfarsa, Kağan Tolga Cinisli, Gita Esmailnia, Ufuk Okay, Ahmet Hacimuftuoglu, Mustafa Erdem Sağsöz, Yousef Fazli, Ramin Jannesar, Mohamad Ali Ahmad Warda, Mesut Taşkın
Human Immunology, Cilt 87, Sayı 6 · DOI: [10.1016/j.humimm.2026.111744](https://doi.org/10.1016/j.humimm.2026.111744)
Tam Makale · Uluslararası
10. **In silico and in vitro insights into the wound-healing potential of syringic acid: protective and regenerative effects on human fibroblasts** (2026)
Ufuk Okay, İlkin Kazimov, Irmak Ferah Okay, **Azizeh Shadidizaji**, Mehmet Ali Yoruk, Murat Özdemir, Fatih Burak Yıldız, Fatma Yeşilyurt, Mustafa Ozkaraca, Ahmet Hacimuftuoglu
BMC PHARMACOLOGY & TOXICOLOGY, Cilt 27, Sayı 1 · DOI: [10.1186/s40360-026-01138-8](https://doi.org/10.1186/s40360-026-01138-8)
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11. **Signal-Level Determinants of Cognitive Decline With PPIs versus H(2)RAs: Transportome (CBLIF/TCN2) and CHRNA7 Nodes.** (2026)
Hajir A. Al Saihati, Bushra Y. Ahmed, Rehab M. Mosaad, Hoda A. S. El-Garhy, Rofanda M. Bakeer, Einas M. Yousef, Inas M. Ahmed, Walaa S. Saif El Nasr, **Azizeh Shadidizaji**, Omar A. Ahmed-Farid, Mohamad Ali Ahmad Warda
Molecular nutrition & food research, Cilt 70, Sayı 3 · DOI: [10.1002/mnfr.70382](https://doi.org/10.1002/mnfr.70382)
Tam Makale · Uluslararası
12. **A Structure-Based in Silico Study Proposes Glycophorin-E as a Dual Target for Parkinson's Disease and Alcohol Use Disorder Modulated by Oleuropein (OLE) Glycophorin-E: A Dual Target for PD/AUD via Oleuropein** (2026)
Azizeh Shadidizaji, Kağan Tolga Cinisli, Dilanur Ateş, Irmak Ferah Okay
Recent Trends in Pharmacology, Cilt 41, Sayı 44, ss. 25-30, Makale no. 425 · DOI: [10.62425/rtpharma.1836939](https://doi.org/10.62425/rtpharma.1836939)
Tam Makale · Uluslararası
13. **In Vivo and In Silico Dissection of Triclosan-Induced Reproductive Toxicity: Protective Potentials of Nanoselenium and Phytotherapy** (2026)
Marwan A. Ibrahim, Barga Aboukhezam, Fayzah A. Aboubakr, Einas M. Yousef, Hajir A. Al Saihati, Walaa S. Saif El Nasr, **Azizeh Shadidizaji**, Ayman Mohamed Algohary, Omar A. Ahmed Farid, Mohamad Ali Ahmad Warda
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, Cilt 138, Sayı 1 · DOI: [10.1111/bcpt.70161](https://doi.org/10.1111/bcpt.70161)
Tam Makale · Uluslararası
14. **Physio-biochemical and molecular effects of copper nanoparticle under salinity stress in Triticum aestivum L** (2025)
Azizeh Shadidizaji, Mahmut Sinan Taşpınar
Journal of Molecular Structure, Cilt 1343 · DOI: [10.1016/j.molstruc.2025.142832](https://doi.org/10.1016/j.molstruc.2025.142832)
Tam Makale · Uluslararası
15. **Punica granatum extract demonstrates antiparasitic effects against Caligus clemensi through in silico and in vitro studies** (2025)
Marwa M. Attia, Mohamed Abdelsalam, Hend I. Mohamed, **Azizeh Shadidizaji**, Asmaa W. Soliman, Mohamad Ali Ahmad Warda
SCIENTIFIC REPORTS, Cilt 15, Sayı 1, s. 35005 · DOI: [10.1038/s41598-025-19529-y](https://doi.org/10.1038/s41598-025-19529-y)
Tam Makale · Uluslararası
16. **Synergistic effects of salicylic acid and magnesium oxide nanoparticles on cold stress and miRNA expression in alfalfa (Medicago sativa L.) genotypes** (2025)
Mustafa Akçay, Büşra Yazıcılar, Solomon Bezabeh Kassa, Doğan İlhan, **Azizeh Shadidizaji**, İsmail Bezırganoglu
PLANT CELL TISSUE AND ORGAN CULTURE, Cilt 161, Sayı 3 · DOI: [10.1007/s11240-025-03097-0](https://doi.org/10.1007/s11240-025-03097-0)
Tam Makale · Uluslararası
17. **Mechanistic insights into the P-coumaric acid protection against bisphenol A-induced hepatotoxicity in in vivo and in silico models** (2025)
Samet Tekin, Merve Bolat, Aslıhan Atasever, İsmail BOLAT, Burak Çınar, **Azizeh Shadidizaji**, Yusuf Dağ, Emin Şengül, Serkan Yıldırım, Ahmet Hacımüftüoğlu, Mohamad Ali Ahmad Warda
SCIENTIFIC REPORTS, Cilt 15, Sayı 1 · DOI: [10.1038/s41598-025-87099-0](https://doi.org/10.1038/s41598-025-87099-0)
Tam Makale · Uluslararası

18. **Evaluating the nutritional contents and antioxidant status of fruit peels as an enriched source of functional food** (2025)
Dildar Hussain Kalhoro, Tarique Hussain, Amjad Hameed, Wajid Ishaque, Muhammad Atif Riaz, Ghulam Murtaza, Muhammad Ismail Chughtai, Yasin Mubashir, Hafiz Noubahar Hussain, Muhammad Usman Mazhar, **Azizeh Shadidizaji**
Cogent Food and Agriculture, Cilt 11, Sayı 1 · DOI: [10.1080/23311932.2025.2578319](https://doi.org/10.1080/23311932.2025.2578319)
Tam Makale · Uluslararası
19. **In vivo and in silico insights into the antidiabetic efficacy of EVOO and hydroxytyrosol in a rat model.** (2025)
Mahmoud Gamal, Mohamed A Awad, **Azizeh Shadidizaji**, Marwa A Ibrahim, Magdy A Ghoneim, Mohamad Ali Ahmad Warda
The Journal of nutritional biochemistry, Cilt 135 · DOI: [10.1016/j.jnutbio.2024.109775](https://doi.org/10.1016/j.jnutbio.2024.109775)
Tam Makale · Uluslararası
20. **From ancient wisdom to modern medicine: the cultural and therapeutic significance of Ficus carica L. (Moraceae) extracts in colorectal cancer treatment** (2025)
Esra Hacımuftuoğlu, **Azizeh Shadidizaji**, Kağan Tolga Cinisli, Songül Karakaya
Turkish Journal of Agriculture and Forestry, Cilt 49, Sayı 2, ss. 405–414 · DOI: [10.55730/1300-011x.3274](https://doi.org/10.55730/1300-011x.3274)
Tam Makale · Uluslararası
21. **ALLEVIATING EFFECT OF COPPER NANOPARTICLE ON DNA METHYLATION INDUCED BY SALINITY STRESS IN WHEAT** (2024)
Mahmut Sinan Taşpınar, Semra Yagci Ergul, **Azizeh Shadidizaji**, Murat Özdal, Güleray Açar
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Cilt 23, Sayı 11 · DOI: [10.30638/eemj.2024.180](https://doi.org/10.30638/eemj.2024.180)
Tam Makale · Uluslararası
22. **In Silico Elucidation of the Binding Mechanisms and Molecular Dynamics of Oroxylin A -2,3-Dioxygenase Interaction: An Insight into Therapeutic Potentiation of Quercetin's Cardioprotection** (2024)
Azizeh Shadidizaji, Kağan Tolga Cinisli, Mohamad Ali Ahmad Warda, Öznur Altunlu, Sahar MEMARKASHANI, Farideh GHALAMFARSA, ABDULLAH MENZEK, Dilanur Ateş
Recent Trends in Pharmacology, Cilt 1, Sayı 2, ss. 27–35 · DOI: [10.62425/rtpharma.1455410](https://doi.org/10.62425/rtpharma.1455410)
Tam Makale · Ulusal
23. **The Synthetic Antimicrobial Peptide Derived From Melittin Displays Low Toxicity and Anti-infectious Properties** (2024)
Parisa Mansouri Rad, Leila Rahbarnia, Azam Safary, **Azizeh Shadidizaji**, Zahra Maani
PROBIOTICS AND ANTIMICROBIAL PROTEINS, Cilt 16, Sayı 2, ss. 490–500 · DOI: [10.1007/s12602-023-10066-6](https://doi.org/10.1007/s12602-023-10066-6)
Tam Makale · Uluslararası
24. **Molecular insights into the antioxidative and anti-inflammatory effects of P-coumaric acid against bisphenol A-induced testicular injury: In vivo and in silico studies** (2024)
Samet Tekin, Emin Sengul, Serkan Yıldırım, Emrah Hicazi Aksu, İsmail Bolat, Burak Çınar, **Azizeh Shadidizaji**, Fikret Çelebi, Mohamad Ali Ahmad Warda
Reproductive Toxicology, Cilt 125 · DOI: [10.1016/j.reprotox.2024.108579](https://doi.org/10.1016/j.reprotox.2024.108579)
Tam Makale · Uluslararası
25. **Virtual insights into the quercetin- Melampsora lini-derived effector AvrM14 interaction: An In silico exploration of plant defense mechanisms** (2024)
Azizeh Shadidizaji, Kağan Tolga Cinisli, Mohamad Ali Ahmad Warda, BETÜL ÇİÇEK, Ahmet Hacımuftoglu
PHYSIOLOGICAL AND MOLECULAR PLANT PATHOLOGY, Cilt 129 · DOI: [10.1016/j.pmpp.2023.102200](https://doi.org/10.1016/j.pmpp.2023.102200)
Tam Makale · Uluslararası

26. **In silico study of synthetic Bromophenol Compounds against Staphylococcus aureus's target protein (DHFR) Enzyme** (2023)

Azizeh Shadidzaji, Burak Cinar, Kağan Tolga Cinisli, Mohsen Rezaei, Mustafa Erdem Sağsöz, Ufuk Okkay, Cemil Bayram, Mehmet Ali Yörük, Fatma Yeşilyurt, Öznur Altunlu, FEYZA BURUL, PERİŞ ÇELİKEL, Ahmet Hacımuftuoğlu
Recent Trends in Pharmacology

Tam Makale · Uluslararası

Bildiriler

1. **application of nanoadjuvant in vaccine development** (2025)

Azizeh Shadidzaji

speaker, Bishkek, 26.04.2025, Özet bildiri

Davetli Konuşmacı · Ulusal · Kırgızistan

2. **4th European congress on cancer and oncology research** (2024)

Azizeh Shadidzaji

Co-writer, Rome, 21.08.2024, Özet bildiri

Davetli Konuşmacı · Ulusal · İtalya

Kitapta Bölümler

1. **Molecular Docking in Drug Discovery: Techniques and Applications** (2026)

Azizeh Shadidzaji

Computer-Aided Drug Design: Principles, Techniques, and Applications, Editör: Ajmer Singh Grewal (Editor), Viney Lather (Editor), Greeta Deswal (Editor), Kumar Guarve (Editor), John Wiley & Sons, West Sussex, UK , s. 40

Ders Kitabı Bölümü · Uluslararası

Başarılar & Tanınırlık

Kongre ve Sempozyum Katılımları

1. **In silico prediction and characterization of antibiotic peptide fragments derived from chimeric synthesis of salvianamine** (2026)

Azizeh Shadidzaji

Kongre · Ulusal · Davetli Konuşmacı · Erzurum · Türkiye

Ödüller

1. **Bilimsel Akademik Teşvik Ödülü** (2026)

Azizeh Shadidzaji

Ödül · Ulusal · Atatürk Üniversitesi · Türkiye