

Prof. Berna ÖZBEK ÇELİK

Personal Information

Office Phone: [+90 212 440 0000](tel:+902124400000) Extension: 13525

Email: berna.ozbek@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/berna.ozbek/>

Address: 34160

International Researcher IDs

ScholarID: ZxdZ_v0AAAAJ

ORCID: 0000-0001-8909-8398

Publons / Web Of Science ResearcherID: AAD-6095-2020

Yoksis Researcher ID: 168497

Education Information

Doctorate, Istanbul University, Tıp Fakültesi, Klinik Mikrobiyoloji, Turkey 2000 - 2005

Postgraduate, Istanbul University, Faculty Of Pharmacy , Department of Basic Pharmaceutical Sciences, Turkey 1997 - 1999

Undergraduate, Istanbul University, Faculty Of Science, Department of Biology, Turkey 1991 - 1995

Research Areas

Health Sciences, Microbiology and Clinical Microbiology, Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Pharmaceutical Microbiology, Microbiology, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Pharmacy , Department of Basic Pharmaceutical Sciences, 2017 - Continues
Associate Professor, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 2011 - 2017

Assistant Professor, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 1997 - 2011

Research Assistant PhD, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 2005 - 2007

Research Assistant, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 1999 - 2005

Academic and Administrative Experience

Head of Department, Istanbul University, 2015 - Continues

Courses

İMMUNOLOJİ, Undergraduate, 2020 - 2021

Advising Theses

Özbek Çelik B., Eravasiklinin tek başına ve çeşitli antibiyotikler ile kombinasyon halinde oluşturdukları etkilerinin achromobacter cinsi klinik suşlara karşı araştırılması, Postgraduate, B.ÖZER(Student), 2021

ÖZBEK ÇELİK B., ÇEŞİTLİ ANTİBİYOTİKLERİN KLEBSIELLA PNEUMONIAE BİYOFİLMİ ÜZERİNE ETKİLERİNİN İN-VİTRO KATETER MODELDE ARAŞTIRILMASI, Doctorate, E.MATARACI(Student), 2016

ÖZBEK ÇELİK B., TİGESİKLİNİN TEK BAŞINA VE KOLİSTİN SÜLFAT, SULBAKTAM VE LEVOFLOKSASİN İLE KOMBİNASYON HALİNDE ACİNETOBACTER BAUMANNII SUŞLARI ÜZERİNE ANTİBİYOTİK SONRASI ETKİSİNİN ARAŞTIRILMASI, Postgraduate, A.ŞENTÜRK(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Characterization and genomic analysis of PA-56 Pseudomonas phage from Istanbul, Turkey: Antibacterial and antibiofilm efficacy alone and with antibiotics**
Damar Celik D., Karaynir A., Salih Dogan H., Bozdogan B., ÖZBEK ÇELİK B.
Heliyon, vol.10, no.17, 2024 (SCI-Expanded)
- II. **Design, synthesis, in vitro and in silico characterization of plastoquinone analogs containing piperidine moiety as antimicrobial agents**
Yıldız M., YILDIRIM H., BAYRAK N., Çakmak S. M., MATARACI KARA E., ÖZBEK ÇELİK B., Otsuka M., Fujita M., Radwan M. O., TUYUN A. F.
Journal of Molecular Structure, vol.1277, 2023 (SCI-Expanded)
- III. **Comparative in vitro activities of eravacycline in combination with colistin, meropenem, or ceftazidime against various Achromobacter spp. strains isolated from patients with cystic fibrosis**
Özer B., Özbek Çelik B.
Journal of Chemotherapy, vol.35, no.8, pp.700-706, 2023 (SCI-Expanded)
- IV. **Natural-product-inspired design and synthesis of thiolated coenzyme Q analogs as promising agents against Gram-positive bacterial strains: insights into structure-activity relationship, activity profile, mode of action, and molecular docking**
YILDIRIM H., YILDIZ M., BAYRAK N., Mataraci-Kara E., Ozbek-Celik B., Otsuka M., Fujita M., Radwan M. O., TuYuN A. F.
RSC ADVANCES, vol.12, no.32, pp.20507-20518, 2022 (SCI-Expanded)
- V. **Discovery and structure-activity relationships of the quinolinequinones: Promising antimicrobial agents and mode of action evaluation**
Mataraci-Kara E., BAYRAK N., YILDIZ M., YILDIRIM H., ÖZBEK ÇELİK B., Tuyun A. F.
DRUG DEVELOPMENT RESEARCH, vol.83, no.3, pp.628-636, 2022 (SCI-Expanded)
- VI. **ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF FIVE ENDEMIC Hypericum SPECIES IN TURKEY**
Gurer C. U., Ozkan E. E., Kultur S., Ozsoy N., Celik B. O., Mat A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.5, pp.4651-4658, 2022 (SCI-Expanded)
- VII. **Bis(Substituted Phenylamino)Glyoxime derivatives: Synthesis, characterization, and antimicrobial evaluation**
TUYUN A. F., BAYRAK N., YILDIRIM H., Yıldız M., MATARACI KARA E., ÖZBEK ÇELİK B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1242, 2021 (SCI-Expanded)
- VIII. **Plastoquinone analogs: a potential antimicrobial lead structure intensely suppressing Staphylococcus epidermidis and Candida albicans growth**
Mataracı Kara E., Bayrak N., Yıldırım H., Yıldız M., Ataman M., Özbek Çelik B., Tuyun A. F.
MEDICINAL CHEMISTRY RESEARCH, vol.30, no.9, pp.1728-1737, 2021 (SCI-Expanded)
- IX. **Detailed characterization, antibiotic resistance and seasonal variation of hospital wastewater**

Gönder Z. B., Kara E., Celik B., Vergili I., Kaya Y., Altinkum S. M., Bagdatli Y., Yilmaz G.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.13, pp.16380-16393, 2021 (SCI-Expanded)

- X. **Antibacterial and antibiofilm activities of ceragenins against *Achromobacter* species isolated from cystic fibrosis patients**
Damar-Celik D., Mataraci-Kara E., Savage P. B., Ozbek-Celik B.
Journal of Chemotherapy, vol.33, no.4, pp.216-227, 2021 (SCI-Expanded)
- XI. **Brominated plastoquinone analogs: Synthesis, structural characterization, and biological evaluation**
Bayrak N., Yıldız M., Yıldırım H., Mataracı Kara E., Özbek Çelik B., Tuyun A. F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1219, 2020 (SCI-Expanded)
- XII. **Evaluation of antifungal and disinfectant-resistant *Candida* species isolated from hospital wastewater**
Mataraci-Kara E., Ataman M., Yilmaz G., Ozbek-Celik B.
ARCHIVES OF MICROBIOLOGY, vol.202, no.9, pp.2543-2550, 2020 (SCI-Expanded)
- XIII. **In Vitro Synergistic Effect and Mutant Prevention Concentrations of Cefepime Alone or in Combination with Sulbactam Against OXA-48-positive *Klebsiella pneumoniae* Isolates**
Mataracı-Kara E., Yılmaz M., Özbek-Çelik B.
Current Microbiology, vol.77, pp.2137-2142, 2020 (SCI-Expanded)
- XIV. **Synthesis and antibacterial activity of new hybrid derivatives of 5-sulfamoyl-1H-indole and 4-thiazolidinone groups**
Guzel-Akdemir O., Trawally M., Ozbek-Babuc M., Ozbek-Celik B., Ermut G., Ozdemir H.
MONATSHEFTE FUR CHEMIE, vol.151, pp.1443-1452, 2020 (SCI-Expanded)
- XV. **Comparative in vitro activities of meropenem in combination with colistin, levofloxacin, or chloramphenicol against *Achromobacter xylosoxidans* strains isolated from patients with cystic fibrosis**
Damar-Çelik D., Nørskov-Lauritsen N., Özbek-Çelik B.
Journal of Global Antimicrobial Resistance, vol.22, pp.713-717, 2020 (SCI-Expanded)
- XVI. **Synergistic activities of ceftazidime-avibactam in combination with different antibiotics against colistin-nonsusceptible clinical strains of *Pseudomonas aeruginosa***
MATARACI KARA E., Yilmaz M., İstanbullu Tosun A., ÖZBEK ÇELİK B.
Infectious Diseases, vol.52, no.9, pp.616-624, 2020 (SCI-Expanded)
- XVII. **Evaluation of the synergy of ceftazidime/avibactam in combination with colistin, doripenem, levofloxacin, tigecycline, and tobramycin against OXA-48 producing Enterobacterales**
MATARACI KARA E., Yilmaz M., İstanbullu Tosun A., ÖZBEK ÇELİK B.
Journal of Chemotherapy, vol.32, no.4, pp.171-178, 2020 (SCI-Expanded)
- XVIII. **Two new phenolic compounds and some biological activities of *Scorzonera pygmaea* Sibth. & Sm. subaerial parts**
Şahin H., Sarı A., Özsoy N., Özbek Çelik B., Koyuncu O.
Natural Product Research, vol.34, pp.621-628, 2020 (SCI-Expanded)
- XIX. **The in vitro and in vivo investigation of biological activities and phenolic analysis of *helichrysum plicatum* subsp. *Plicatum***
TAŞKIN T., Gezmiş T., ÇAM M. E., Taşkın D., Çelik B. Ö., ŞENKARDEŞ İ., Süzgeç-Selçuk S.
Brazilian Journal of Pharmaceutical Sciences, vol.56, pp.1-10, 2020 (SCI-Expanded)
- XX. **Discovery of a new family of heterocyclic amine linked plastoquinone analogs for antimicrobial evaluation**
Tuyun A. F., Yildiz M., Bayrak N., Yildirim H., Kara E., Jannuzzi A. T., Celik B. O.
DRUG DEVELOPMENT RESEARCH, vol.80, no.8, pp.1098-1109, 2019 (SCI-Expanded)
- XXI. **Thiolated plastoquinone analogs: Synthesis, characterization, and antimicrobial evaluation**
Yildirim H., Bayrak N., Yildiz M., Kara E., Celik B., Tuyun A. F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1195, pp.681-688, 2019 (SCI-Expanded)
- XXII. **Comparative In Vitro Activities of First and Second-Generation Ceragenins Alone and in Combination with Antibiotics Against Multidrug-Resistant *Klebsiella pneumoniae* Strains**

- Ozbek-Celik B., Damar-Celik D., Mataraci-Kara E., Bozkurt-Guzel Ç., Savage P. B.
ANTIBIOTICS-BASEL, vol.8, no.3, 2019 (SCI-Expanded)
- XXIII. **Phenolic compounds and in vitro antioxidant, anti-inflammatory, antimicrobial activities of *Scorzonera hieraciifolia* Hayek roots**
SARI A., ŞAHİN H., ÖZSOY N., ÖZBEK ÇELİK B.
South African Journal of Botany, vol.125, pp.116-119, 2019 (SCI-Expanded)
- XXIV. **Evaluation of antimicrobial and cytotoxic effects of four turkish species of *eryngium* L.**
Celik B. O., KARA M. T., Guze C. B., Genç G. E., GENÇ İ., Anil S. K., Melikodlu G.
Bangladesh Journal of Botany, vol.48, no.2, pp.271-278, 2019 (SCI-Expanded)
- XXV. **EVALUATION OF ANTIMICROBIAL AND CYTOTOXIC EFFECTS OF FOUR TURKISH SPECIES OF *ERYNGIUM* L.**
Özbek Çelik B., Mataracı Kara E., Bozkurt Güzel Ç., Ecevit Genç G., Genç İ., Kurtoğlu Anıl S., Melikoğlu G.
Bangladesh Journal Of Botany, vol.48, no.2, pp.271-278, 2019 (SCI-Expanded)
- XXVI. **In vitro activities of ceftazidime/avibactam alone or in combination with antibiotics against multidrug-resistant *Acinetobacter baumannii* isolates**
Kara E., Yilmaz M., Celik B. O.
JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE, vol.17, pp.137-141, 2019 (SCI-Expanded)
- XXVII. **EVALUATION OF ANTIMICROBIAL AND CYTOTOXIC EFFECTS OF FOUR TURKISH SPECIES OF *ERYNGIUM* L.**
Celik B., Kara E. M., Guzel Ç., Genc G. E., Genc İ., Anil S. K., Melikoglu G.
BANGLADESH JOURNAL OF BOTANY, vol.48, no.2, pp.271-277, 2019 (SCI-Expanded)
- XXVIII. **Comparative in vitro activities of ceragenins and various antibiotics against *Achromobacter* species isolated from cystic fibrosis patients**
Damar Çelik D., Özbek Çelik B.
Journal Of Cystic Fibrosis, vol.18, no.1, pp.100-101, 2019 (SCI-Expanded)
- XXIX. **Antimicrobial activity of rhizomes of *Ferulago trachycarpa* Boiss. and bioguided isolation of active coumarin constituents**
DİKPİNAR T., Suzgec-Selcuk S., Celik B. O., Urusak E.
Industrial Crops and Products, vol.123, pp.762-767, 2018 (SCI-Expanded)
- XXX. **FLAVONOIDS AND BIOLOGICAL ACTIVITIES OF *CENTAUREA NERIMANIAE* S. KULTUR**
Melikoglu G., Ozsoy N., Yilmaz-Ozden T., Erbay M. S., Anil S., Celik B. O., Kultur S.
FARMACIA, vol.66, pp.1070-1075, 2018 (SCI-Expanded)
- XXXI. **Reliability and validity of Duruoz Hand Index in carpal tunnel syndrome**
Goksenoglu G., Paker N., Celik B., Bugdayci D., Demircioglu D., Kesiktas N.
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.64, no.3, pp.277-283, 2018 (SCI-Expanded)
- XXXII. **Investigation of the effects of various antibiotics against *Klebsiella pneumoniae* biofilms on in vitro catheter model**
Kara E. M., Celik B.
JOURNAL OF CHEMOTHERAPY, vol.30, no.2, pp.82-88, 2018 (SCI-Expanded)
- XXXIII. **Variation of alkaloid contents and antimicrobial activities of *Papaver rhoeas* L. growing in Turkey and northern Cyprus**
Coban I., Toplan G. G., Ozbek B., Gurer C. U., Sariyar G.
PHARMACEUTICAL BIOLOGY, vol.55, no.1, pp.1894-1898, 2017 (SCI-Expanded)
- XXXIV. **In vitro biological effects of *Crataegus microphylla* C. Koch**
Aksoy-Sagirli P., Yilmaz-Ozden T., Ozsoy N., Çelik B., Kultur S., Melikoglu G.
INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE, vol.16, no.2, pp.189-196, 2017 (SCI-Expanded)
- XXXV. **Characterization and toxicity of hospital wastewaters in Turkey**
Yilmaz G., Kaya Y., Vergili I., Gonder Z. B., Ozhan G., Celik B. O., Altinkum S. M., Bagdatli Y., BOERGERS A., TUERK J.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, no.2, 2017 (SCI-Expanded)
- XXXVI. **2,3-Disubstituted-1,4-naphthoquinones containing an arylamine with trifluoromethyl group:**

synthesis, biological evaluation, and computational study

Yildirim H., Bayrak N., Tuyun A. F., Kara E. M., Celik B. O., Gupta G. K.
RSC ADVANCES, vol.7, no.41, pp.25753-25764, 2017 (SCI-Expanded)

XXXVII. Synthesis, Computational Study, and Evaluation of In Vitro Antimicrobial, Antibiofilm, and Anticancer Activities of New Sulfanyl Aminonaphthoquinone Derivatives

Bayrak N., Yildirim H., Tuyun A. F., Kara E. M., Celik B. O., Gupta G. K., Ciftci H. I., Fujita M., Otsuka M., Nasırı H. R.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.6, pp.647-661, 2017 (SCI-Expanded)

XXXVIII. Synthesis, Biological, and Computational Study of Naphthoquinone Derivatives Containing Heteroatoms

Bayrak N., Yildirim H., Tuyun A. F., Kara E. M., Celik B. O., Gupta G. K.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.38, no.6, pp.1211-1221, 2016 (SCI-Expanded)

XXXIX. Comparative in vitro efficacies of various antipseudomonal antibiotics based catheter lock solutions on eradication of Pseudomonas aeruginosa biofilms

Ozbek B., Mataraci-Kara E.
Journal of Chemotherapy, vol.28, no.1, pp.20-24, 2016 (SCI-Expanded)

XL. In vitro activities of colistin, tigecycline and tobramycin, alone or in combination, against carbapenem-resistant Enterobacteriaceae strains

Ozbek B., Mataraci-Kara E., Er S., Ozdamar M., Yilmaz M.
JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE, vol.3, no.4, pp.278-282, 2015 (SCI-Expanded)

XLI. ANTIOXIDANT, ANTI-INFLAMMATORY, ACETYLCHOLINESTERASE INHIBITORY AND ANTIMICROBIAL ACTIVITIES OF TURKISH ENDEMIC CENTAUREA ANTIOCHIA VAR-PRAEALTA

Ozsoy N., Kultur S., Yilmaz-Ozden T., Celik B. O., Can A., Melikoglu G.
JOURNAL OF FOOD BIOCHEMISTRY, vol.39, no.6, pp.771-776, 2015 (SCI-Expanded)

XLII. Synthesis and In Vitro Biological Evaluation of Aminonaphthoquinones and Benzo[b]phenazine-6,11-dione Derivatives as Potential Antibacterial and Antifungal Compounds

Tuyun A. F., Bayrak N., Yildirim H., Onul N., Kara E. M., Celik B. O.
JOURNAL OF CHEMISTRY, vol.2015, 2015 (SCI-Expanded)

XLIII. The effects of orthotic intervention on nerve conduction and functional outcome in Carpal Tunnel Syndrome: A prospective follow-up study

Celik B., Raker N., Celik E. C., Bugdayci D. S., Ones K., Ince N.
JOURNAL OF HAND THERAPY, vol.28, no.1, pp.34-38, 2015 (SCI-Expanded)

XLIV. A new series of Cu(II) and Ni(II) complexes of NO bidentate 4-NO₂-benzoylhydrazones: synthesis, characterization, and biological studies

Kucuk H. B., Kara E. M., Celik B.
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.5, pp.939-954, 2015 (SCI-Expanded)

XLV. Comparative in vitro efficacies of various antipseudomonal antibiotics based catheter lock solutions on eradication of Pseudomonas aeruginosa biofilms

Özbek Çelik B., Mataracı Kara E.
Journal Of Chemotherapy, vol.25, pp.1-5, 2014 (SCI-Expanded)

XLVI. Potential Synergy Activity of the Novel Ceragenin, CSA-13, against Carbapenem-Resistant Acinetobacter baumannii Strains Isolated from Bacteremia Patients

Bozkurt-Guzel Ç., SAVAGE P. B., AKÇALI A., Ozbek-Celik B.
BIOMED RESEARCH INTERNATIONAL, vol.2014, 2014 (SCI-Expanded)

XLVII. Effects of Various Antibiotics Alone or in Combination with Doripenem against Klebsiella pneumoniae Strains Isolated in an Intensive Care Unit

Celik B., Mataraci-Kara E., Yilmaz M.
BIOMED RESEARCH INTERNATIONAL, 2014 (SCI-Expanded)

XLVIII. Chemical composition and biological activities of Hypericum pamphylicum

Ozkan E. E., Ozsoy N., Ozhan G., Celik B. O., Mat A.
INDUSTRIAL CROPS AND PRODUCTS, vol.50, pp.182-189, 2013 (SCI-Expanded)

XLIX. In vitro effectiveness of colistin, tigecycline and levofloxacin alone and combined with

clarithromycin and/or heparin as lock solutions against embedded Acinetobacter baumannii strains

Ozbek B., Mataraci E.

JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.68, no.4, pp.827-830, 2013 (SCI-Expanded)

- L. **Reliability of the Turkish version of the hospital anxiety and depression scale in the people with traumatic spinal cord injury**
Paker N., Bugdayci D., Midik M., Celik B., Kesiktas N.
NEUROREHABILITATION, vol.33, no.2, pp.337-341, 2013 (SCI-Expanded)
- LI. **Synthesis, characterization and biological activity of a new long-chain imine ligand and some transition metal complexes in solvent-free conditions**
TÜNCEL ELMALI F., Sutay B., Ozbek B., DEMİRHAN N.
MAIN GROUP CHEMISTRY, vol.11, no.3, pp.217-222, 2012 (SCI-Expanded)
- LII. **Synthesis and Antimicrobial Activity of Some Novel Schiff Bases Containing 1,2,4-Triazole-3-thione**
Calisir M. M., Koçyiğit-Kaymakçioğlu B., Ozbek B., Otuk G.
E-JOURNAL OF CHEMISTRY, vol.7, 2010 (SCI-Expanded)
- LIII. **In vitro activities of tigecycline alone and in combination with colistin sulfate or sulbactam against carbapenem-susceptible and -resistant Acinetobacter baumannii strains isolated from Intensive Care Units**
Ozbek B., Otuk G.
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, vol.36, no.2, pp.191-192, 2010 (SCI-Expanded)
- LIV. **Postantibiotic Effects of Tigecycline, Colistin Sulfate, and Levofloxacin Alone or Tigecycline-Colistin Sulfate and Tigecycline-Levofloxacin Combinations against Acinetobacter baumannii**
Ozbek B., Senturk A.
CHEMOTHERAPY, vol.56, no.6, pp.466-471, 2010 (SCI-Expanded)
- LV. **Post-Antibiotic Effect of Levofloxacin and Tobramycin Alone or in Combination with Cefepime against Pseudomonas aeruginosa**
Ozbek B., Otuk G.
CHEMOTHERAPY, vol.55, no.6, pp.446-450, 2009 (SCI-Expanded)
- LVI. **Body composition after stroke**
Celik B., Ones K., Ince N.
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH, vol.31, no.1, pp.93-96, 2008 (SSCI)
- LVII. **Sex hormone levels and functional outcomes**
Celik B., Sahin A., Caglar N., Erhan B., Gunduz B., Gultekin O., Karabulut M.
AMERICAN JOURNAL OF PHYSICAL MEDICINE & REHABILITATION, vol.86, no.10, pp.784-790, 2007 (SCI-Expanded)
- LVIII. **Quality of life after spinal cord injury: The comparison of the SF-36 health survey and its spinal cord injury-modified version in assessing the health status of people with spinal cord injury**
Unalan H., Celik B., Sahin A., Caglar N., Esen S., Karainehnietoglu S. S.
NEUROSURGERY QUARTERLY, vol.17, no.3, pp.175-179, 2007 (SCI-Expanded)
- LIX. **Domain-specific quality of life assesment in spinal cord injured patients**
Celik B., Gultekin O., Beydogan A., Caglar N.
INTERNATIONAL JOURNAL OF REHABILITATION RESEARCH, vol.30, no.2, pp.97-101, 2007 (SSCI)
- LX. **Synthesis and antimicrobial activity of some novel derivatives of benzofuran: part 1. Synthesis and antimicrobial activity of (benzofuran-2-yl)(3-phenyl-3-methylcyclobutyl) ketoxime derivatives**
Koca M., Servi S., Kirilmiş C., Ahmedzade M., Kazaz C., Ozbek B., Otuk G.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.40, no.12, pp.1351-1358, 2005 (SCI-Expanded)
- LXI. **Traditional medicine in Sakarya province (Turkey) and antimicrobial activities of selected species**
UZUN E., ÖZBEK ÇELİK B., ÖTÜK G., MAT A., SARIYAR G.
JOURNAL OF ETHNOPHARMACOLOGY, vol.95, pp.287-296, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Isolation and characterization of bacteriophage SA-19 and investigation of antibiofilm effect against clinical strains**
Damar Çelik D., ÖZBEK ÇELİK B.
Journal of Research in Pharmacy, vol.28, no.2, pp.505-515, 2024 (ESCI)
- II. **Antiviral Properties of 5-Sulfamoyl-1H-Indole-Linked Spirothiazolidinone Derivatives: A Study on Human Parainfluenza Virus-2**
Trawally M., YILMAZ F. N., ÖZBEK ÇELİK B., Akdemir A., GÜZEL AKDEMİR Ö.
Journal of Research in Pharmacy, vol.28, no.1, pp.213-224, 2024 (ESCI)
- III. **Phytochemical studies of Helichrysum armenium subsp. armenium and its antioxidant, acetylcholinesterase, and antimicrobial activities**
Kekeç N., TAŞKIN T., AĞAR D. N., ÖZBEK ÇELİK B., KÜLTÜR Ş., SÜZGEÇ SELÇUK S.
Journal of Research in Pharmacy, vol.28, no.3, pp.630-640, 2024 (ESCI)
- IV. **Evaluation of some o-benzenedisulfonimido- sulfonamide derivatives as potent antimicrobial agents**
Demir Yazıcı K., Yılmaz F. N., Özbek Çelik B., Güzel Akdemir Ö.
Istanbul Journal of Pharmacy, vol.52, no.3, pp.297-301, 2022 (Peer-Reviewed Journal)
- V. **Development of Innovative Cosmetic Formulations to Help Fungal Treatment and Testing the Efficiency of Formulations**
YENER F. G., ACAR C., ÖZBEK ÇELİK B., MATARACI KARA E.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.47, no.3, pp.3347-354, 2022 (Scopus)
- VI. **Quality of turmeric powder in herbal stores: pharmacognostical investigations on turmeric powders obtained from herbal stores in Istanbul, Turkey**
Kuruldak E., Yılmaz F. N., Toplan G. G., Celik B. O., Mat A.
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.1, pp.92-97, 2021 (ESCI)
- VII. **In vitro antibacterial activity of eravacycline against multidrug-resistant Acinetobacter baumannii isolates**
Ataman M., Mataraci-Kara E., Ozbek-Celik B.
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.5, pp.549-553, 2021 (ESCI)
- VIII. **Antibacterial And Anticarcinogenic Evaluation Of Commercial Calendula Officinalis And Taraxacum Officinale**
ARİF A. K., ÖZGER H., CANSEVER K., KARA M., YILMAZ F. N., ÖZBEK ÇELİK B.
International Journal Of Pharmacognosy, vol.7, no.11, pp.322-325, 2020 (Peer-Reviewed Journal)
- IX. **The Role of Amphotericin B Alone and in Combination with Different Antibiotics and Antifungals on Biofilms Produced by Candida Species**
Hacıoğlu M., Oyardı Ö., Özbek Çelik B.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.45, no.2, pp.117-124, 2020 (Scopus)
- X. **Post-antibiotic Effect of Various Antibiotics against Achromobacter xylosoxidans Strains Isolated from Patients with Cystic Fibrosis**
Damar Çelik D., Özbek Çelik B., Nørskov-Lauritsen .
J Clin Exp Invest, vol.11, no.4, pp.1-5, 2020 (Peer-Reviewed Journal)
- XI. **Investigation of the Biological Activities of Different Extracts from Dipsacus laciniatus Aerial Parts**
Taşkın T., Akkılıç Y., Özbek Çelik B., Akkılıç I., Şenkardeş İ., Özakpınar Ö. B.
the natural products journal, vol.1, no.10, pp.15-19, 2020 (ESCI)
- XII. **In vitro Effectiveness of Lecithin-Containing Antibiotic Lock Solutions on Klebsiella pneumoniae Biofilms**
Mataracı Kara E., Özbek Çelik B.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.10, pp.94-99, 2020 (Peer-Reviewed Journal)
- XIII. **Lesitin içeren antibiyotik kilit çözeltilerinin Klebsiella pneumoniae biyofilmi üzerine in vitro etkileri**
MATARACI KARA E., ÖZBEK ÇELİK B.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.10, no.1, pp.94-99, 2020 (Peer-Reviewed Journal)

- XIV. **In vitro Effectiveness of Lecithin-Containing Antibiotic Lock Solutions on Klebsiella pneumoniae Biofilms**
Mataracı Kara E., Özbek Çelik B.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi , vol.10, no.1, pp.94-99, 2020 (Peer-Reviewed Journal)
- XV. **Pharmacognostic research on hypericum perforatum samples sold by herbalists in Istanbul**
İSTANBUL AKTARLARINDA SATILAN HYPERICUM PERFORATUM ÖRNEKLERİNİN FARMAKOGNOZİK AÇIDAN İNCELENMESİ
Tavli Ö. F., Hazman Ö., Büyükben A., Yılmaz F. N., Özbek Çelik B., Eroğlu Özkan E.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, pp.265-280, 2020 (Scopus)
- XVI. **Investigation of Antimicrobial, Antibiofilm, and Cytotoxic Effects of Straight-Chained Sulfanyl Members of Arylamino-1,4-naphthoquinones As Potential Antimicrobial Agents**
Mataracı Kara E., Jannuzzi A. T., Bayrak N., Yıldırım H., Yıldız M., Tuyun A. F., Alpertunga B., Özbek Çelik B.
European Journal of Biology, vol.78, no.2, pp.1-7, 2019 (Peer-Reviewed Journal)
- XVII. **Antimicrobial activities of five endemic Hypericum species from Anatolia compared with Hypericum perforatum**
Eroglu Ozkan E., Ozbek Celik B., Mat A.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.1, pp.114-119, 2019 (ESCI)
- XVIII. **Antimicrobial activities of five endemic Hypericum species from Anatolia compared with Hypericum perforatum**
EROĞLU ÖZKAN E., ÖZBEK ÇELİK B., MAT A.
JOURNAL OF RESEARCH IN PHARMACY, no.23, pp.114-119, 2018 (ESCI)
- XIX. **Antioxidant and Antimicrobial Activity of Ferulago trojana E. Akalın & Pimenov**
SÜZGEÇ SELÇUK S., ÖZSOY N., ÖZBEK ÇELİK B., AKALIN URUŞAK E.
pharmacy, vol.47, no.3, pp.1-5, 2017 (ESCI)
- XX. **A Randomized Trial of Mineral Trioxide Aggregate Cements in Primary Tooth Pulpotomies**
Celik B., Atac A. S., ÇEHRELİ Z. C., UYSAL S.
JOURNAL OF DENTISTRY FOR CHILDREN, vol.80, no.3, pp.126-132, 2013 (ESCI)
- XXI. **Probiyotikler: Biyolojik Terapi**
ÖZBEK ÇELİK B.
Türk Mikrobiyol Cem Derg, vol.40 (4):, pp.207-218, 2010 (Peer-Reviewed Journal)
- XXII. **Traditional medicine in Bilecik province (Turkey) and antimicrobial activities of selected species**
ÜNSAL GÜRER Ç., Vural H., Sarıyar G., ÖZBEK ÇELİK B., ÖTÜK G.
Turk J. Pharm. Sci, vol.7, no.2, pp.139-150, 2010 (Peer-Reviewed Journal)
- XXIII. **A study on the microbiological activities of the wet towels that became a part of our lives**
BİRTEKSÖZ TAN A. S., DÖŞLER S., ÖZBEK ÇELİK B., BOZKURT GÜZEL Ç., Gerçeker A., ÖTÜK G.
J.Fac.Pharm.Istanbul, vol.38, pp.95-101, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Investigation of Various Antibiotics Alone and Combined with Clarithromycin as Lock Solutions on Eradication of Biofilms Strains Belonging to Enterobacterales**
Mataracı Kara E., Özbek Çelik B.
in: Recent Progress in Microbiology and Biotechnology Vol. 1, Amal Hegazi Ahmed Elrefaei, Editor, Book Publisher International, London, pp.52-58, 2020
- II. **Investigation of Various Antibiotics Alone and Combined with Clarithromycin as Lock Solutions on Eradication of Biofilms Strains Belonging to Enterobacterales**
Mataracı Kara E., Özbek Çelik B.
in: Recent Progress in Microbiology and Biotechnology Vol. 1, Amal Hegazi Ahmed Elrefaei, Editor, Book Publisher International, London, pp.52-58, 2020
- III. **Investigation of Various Antibiotics Alone and Combined with Clarithromycin as Lock Solutions on**

Eradication of Biofilms Strains Belonging to Enterobacterales

MATARACI KARA E., ÖZBEK ÇELİK B.

in: Recent Progress in Microbiology and Biotechnology Vol. 1, Hegazi Ahmed Elrefaei Amal, Editor, Book Publisher International, pp.52-58, 2020

- IV. **In vitro activities of ceftazidime/avibactam alone or in combination with fosfomycin against carbapenem-susceptible and -resistant Klebsiella pneumoniae strains isolated from Intensive Care Units**

MATARACI KARA E., ÖZBEK ÇELİK B.

in: Understanding microbial pathogens: current knowledge and educational ideas on antimicrobial research, Enrique Torres-Hergueta, A. Mendez-Vilas, Editor, Formatex, İspanya, pp.153-157, 2018

- V. **Comparative in vitro Efficacies of Colistin-Levofloxacin, Colistin-Tigecycline and Tigecycline-Levofloxacin based Catheter Lock Solutions on Eradication of Acinetobacter baumannii Biofilms**
Özbek Çelik B., Mataracı Kara E.

in: Microbial pathogens and strategies for combating them: science, technology and education, R. Corchero, Editor, Formatex Research Center, Madrid, pp.1-8, 2013

- VI. **Comparative in vitro efficacies of colistin-levofloxacin, colistin-tigecycline and tigecycline-levofloxacin based catheter lock solutions on eradication of Acinetobacter baumannii biofilms**
ÖZBEK ÇELİK B., MATARACI E.

in: Microbial pathogens and strategies for combating them: science technology and education vol.2, Méndez-Vilas A., Editor, Formatex Research Center, pp.68-73, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **ISOLATION, CHARACTERIZATION, AND COMPARATIVE INVESTIGATION OF NOVEL BACTERIOPHAGES AS PHAGE THERAPY CANDIDATES**

Damar Çelik D., Özbek Çelik B.

FEMS, Belgrade, Serbia, 30 June - 02 July 2022, pp.1

- II. **Comparative in-vitro activities of various antibiotics against Achromobacter spp. isolated from patients with cystic fibrosis**

Özbek Çelik B., Özer B.

FEMS, Belgrade, Serbia, 30 June - 02 July 2022, pp.492

- III. **Comparative in vitro activities of eravacycline and various antibiotics against multidrug resistant clinical strains of Acinetobacter baumannii isolated from intensive care units**

ATAMAN M., MATARACI KARA E., ÖZBEK ÇELİK B.

30th European Congress of Clinical Microbiology and Infectious Diseases, Paris, France, 17 April 2020, pp.2984

- IV. **Antibacterial and anticarcinogenic evaluation of commercial Calendula officinalis and Taraxacum officinale**

ARİF A. K., ÖZGER H., CANSEVER K., KARA M., ÖZBEK ÇELİK B., YILMAZ F. N.

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020

- V. **Synthesis and Biological Evaluation of Azanaphthoquinones**

Yıldız M., Bayrak N., Yıldırım H., Mataracı Kara E., Özbek Çelik B., Tuyun A. F.

5th International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2019), Sakarya, Turkey, 25 - 29 October 2019, pp.113

- VI. **Comparative in-vitro activities of ceragenins and various antibiotics against Achromobacter species isolated from cystic fibrosis patients.**

Damar Çelik D., Bozkurt Güzel Ç., Özbek Çelik B.

42nd European Cystic Fibrosis Conference. 5-8 June 2019, Liverpool, United Kingdom. , Liverpool, United Kingdom, 5 - 08 June 2019, pp.1

- VII. **In vitro activities of ceftazidime/avibactam, fosfomycin alone and**

ceftazidime/avibactam+fosfomycin combination against carbapenem-susceptible and -resistant Escherichia coli strains isolated from intensive care units

MATARACI KARA E., YILMAZ M., ÖZBEK ÇELİK B.

29th European Congress of Clinical Microbiology and Infectious Diseases, Amsterdam, Netherlands, 13 - 16 April 2019, vol.1, pp.1

- VIII. **Synthesis and Characterization of Novel Quinone Derivatives**
Yıldız M., Tuyun A. F., Bayrak N., Yıldırım H., Mataracı Kara E., Özbek Çelik B.
4th Organic Chemistry Congress with International Participation, Antalya, Turkey, 4 - 07 October 2018, vol.PP59, pp.293
- IX. **Antimicrobial activities in some edible macrofungus strains growing in Tunceli region.**
Alp H., Yıldız A., ÖZBEK ÇELİK B., MATARACI KARA E.
International conference on agriculture, forest, food, science and technologies (ICAFof), Nevşehir, Turkey, 15 - 17 May 2018, pp.1
- X. **In vitro effectiveness of various antibiotics alone or combined with clarithromycin or esomeprazole as lock solutions against embedded Enterobacteriaceae strains.**
MATARACI KARA E., ÖZBEK ÇELİK B.
28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain, 21 - 24 April 2018, pp.1
- XI. **In vitro effectiveness of cefepime alone or in combination with sulbactam against OXA-48 positive carbapenem-resistant Klebsiella pneumoniae isolates**
MATARACI KARA E., YILMAZ M., ÖZBEK ÇELİK B.
28th European Congress of Clinical Microbiology and Infectious Diseases (28th ECCMID), Madrid, Spain, 21 - 24 April 2018, pp.127
- XII. **in vitro effectiveness of cefepime alone or in combination with sulbactam against OXA-48 positive carbapenem-resistant Klebsiella pneumoniae isolates.**
MATARACI KARA E., ÖZBEK ÇELİK B., YILMAZ M.
28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain, 21 - 24 April 2018, pp.1
- XIII. **In vitro synergistic effects of ceftazidime/avibactam alone or in combination with colistin or tobramycin against multi-drug resistant Acinetobacter baumannii isolates**
MATARACI KARA E., ÖZBEK ÇELİK B., YILMAZ M.
28th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain, 21 - 24 April 2018, pp.1
- XIV. **Synthesis and Biological Evaluation of Dimethyl Amino Benzoquinones**
BAYRAK N., TUYUN A. F., YILDIRIM H., MATARACI KARA E., ÖZBEK ÇELİK B.
The Second Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences, Trabzon, Turkey, 11 - 12 September 2017, pp.63
- XV. **Nucleophilic Substitution Reactions of Dimethylbenzoquinones with Alkoxy Amines and Their Biological Evaluation**
YILDIRIM H., TUYUN A. F., BAYRAK N., MATARACI KARA E., ÖZBEK ÇELİK B.
The Second Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences, Trabzon, Turkey, 11 - 12 September 2017, pp.61
- XVI. **Antibacterial, antifungal and cytotoxic effects of various endemic Eryngium species.**
ÖZBEK ÇELİK B., MATARACI KARA E., BOZKURT GÜZEL Ç., ECEVİT GENÇ G., GENÇ İ., ANIL S., MELİKOĞLU G.
18th International Conference on Healthcare&Life-Science Research (ICHLsr), Roma, Italy, 10 - 11 June 2017, pp.1
- XVII. **The Investigation of Biological Activities and HPLC-DAD-MS Analysis of Major Phenolic Compounds of Helichrysum plicatum DC. subsp. plicatum**
Taşkın T., Taşkın D., Özbek Çelik B., Şenkardeş İ., Süzgeç Selçuk S.
1ST International Congress on Medicinal and Aromatic Plants "Natural and Heathy Life" (IMAPCON'17), Konya, Turkey, 9 - 12 May 2017, pp.1632
- XVIII. **Antimicrobial and Anticancer Activities of Amino Sulfonyl 1,4-Naphthoquinone and Benzo[b]phenazine-6,11-dione Derivatives**
TUYUN A. F., BAYRAK N., YILDIRIM H., MATARACI KARA E., ÖZBEK ÇELİK B., Nasiri H. R.
6th International Chemistry Conference, Riyad, Saudi Arabia, 8 - 10 November 2016

- XIX. **Synthesis, Characterization, and Biological Evaluation of Aminobenzoquinone Derivatives**
TUYUN A. F., BAYRAK N., YILDIRIM H., MATARACI KARA E., ÖZBEK ÇELİK B.
6th International Chemistry Conference, Riyad, Saudi Arabia, 8 - 10 November 2016
- XX. **Antimicrobial Activity of Scorzonera pygmaea Sibth. Sm.**
ŞAHİN H., ÖZBEK ÇELİK B., SARI A.
The 29th International Symposium on the Chemistry of Natural Products and the 9th International Conference on Biodiversity, 24 - 27 September 2016
- XXI. **Antimicrobial Activity of Scorzonera Pygmaea Sibth. Et Sm.**
ŞAHİN H., ÖZBEK ÇELİK B., SARI A.
The 29th International Symposium on the Chemistry of Natural Products and the 9th International Conference on Biodiversity, İzmir, Turkey, 24 - 27 September 2016, pp.85
- XXII. **Ferulago trachycarpa Boiss. Bitkisinin Antimikrobiyal ve Antioksidan Aktiviteleri**
Dikpınar T., Süzgeç Selçuk S., Özbek Çelik B., Akalın Uruşak E.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.134
- XXIII. **Ferulago trojana E. Akalın & Pimenov Bitkisinin Antioksidan ve Antimikrobiyal Aktiviteleri**
Süzgeç Selçuk S., Özsoy N., Özbek Çelik B., Akalın Uruşak E.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.135
- XXIV. **Endemik Ferulago longistylis Boiss. Bitkisinin Antioksidan ve Antimikrobiyal Aktivitelerinin İncelenmesi**
Günaydın B., Süzgeç Selçuk S., Özbek Çelik B., Akalın Uruşak E.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.126
- XXV. **Ferulago trojana E. Akalın & Pimenov Bitkisinin Antioksidan ve Antimikrobiyal Aktiviteleri**
Süzgeç S., ÖZSOY N., ÖZBEK ÇELİK B., AKALIN URUŞAK E.
22. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT), Trabzon, Turkey, 31 August - 05 September 2016, vol.1, no.1, pp.1
- XXVI. **Endemik Ferulago longistylis Boiss. Bitkisinin Antioksidan ve AntimikrobiyalAktivitelerinin Gncelenmesi** Günaydın B., Süzgeç Selçuk S., Özbek Çelik B., Akalın Uruşak E.
GÜNAYDIN B., SÜZGEÇ S., ÖZBEK ÇELİK B., AKALIN URUŞAK E.
22. Bitkisel İlaç Hammaddeleri Toplantısı BİHAT2016, Trabzon, Turkey, 31 August - 05 September 2016, vol.1, no.1, pp.1
- XXVII. **Ferulago trachycarpa Boiss. Bitkisinin Antimikrobiyal ve Antioksidan Aktiviteleri**
Dikpınar t., SÜZGEÇ S., ÖZBEK ÇELİK B., AKALIN URUŞAK E.
22. Bitkisel İlaç Hammaddeleri Toplantısı BİHAT2016, Trabzon, Turkey, 31 August - 05 September 2016, vol.1, no.1, pp.1
- XXVIII. **investigation of the effects of various antibiotics against Klebsiella pneumoniae biofilms on in vitro catheter model**
ÖZBEK ÇELİK B., MATARACI KARA E.
IV. INTERNATIONAL CONFERENCE ON ANTIMICROBIAL RESEARCH (ICAR), Malaga, Spain, 29 June - 01 July 2016, pp.101
- XXIX. **Investigation of the effects of various antibiotics against Klebsiella pneumoniae biofilms on in vitro catheter model.**
ÖZBEK ÇELİK B., MATARACI KARA E.
IV. INTERNATIONAL CONFERENCE ON ANTIMICROBIAL RESEARCH (ICAR), Malaga, Spain, 29 June - 01 July 2016, pp.1
- XXX. **Hastane atıksuları ve yönetimi**
YILMAZ G., VERGİLİ İ., ÖZÇELEP Z. B., KAYA Y., ÖZHAN G., ÖZBEK ÇELİK B., Altınkum S. M., Bağdatlı Y.
III. Ulusal Sağlık Kuruluşları Çevre Yönetimi Sempozyumu, İstanbul, Turkey, 21 - 22 April 2016, pp.2
- XXXI. **Çeşitli antibiyotiklerin Klebsiella pneumoniae biyofilmi üzerine etkilerinin in vitro kateter modelde araştırılması**
MATARACI KARA E., ÖZBEK ÇELİK B.
12. Antimikrobik Kemoterapi Günleri, İstanbul, Turkey, 1 - 03 April 2016, pp.1

- XXXII. **Çeşitli Antibiyotiklerin Klebsiella pneumoniae Biyofilmi Üzerine Etkilerinin İn vitro Kateter Modelde Araştırılması**
MATARACI KARA E., ÖZBEK ÇELİK B.
12.Antimikrobik Kemoterapi Günleri, İstanbul, Turkey, 1 - 03 April 2016, pp.235
- XXXIII. **In Vitro Synergistic Effects of Colistin, Tigecycline, Tobramycin and Doripenem alone or in Combinations against Carbapenem-Resistant Enterobacteriaceae Strains**
ÖZBEK ÇELİK B., MATARACI KARA E., ER S., ÖZDAMAR M., YILMAZ M.
6TH CONGRESS OF EUROPEAN MICROBIOLOGIST, Maastrich, Netherlands, 7 - 11 July 2015, pp.1
- XXXIV. **Yabani pancar Bitkisinin (Beta maritima L. var. pilosa Del.) Ekstraktlarının Antimikrobiyal Aktivitesinin Belirlenmesi**
ÖZ G., ÖZBEK ÇELİK B., Tuğcu F., Gürsul H.
Ulusal Botanik Kongresi, Antalya, Turkey, 25 - 28 October 2014, pp.12
- XXXV. **Comparative in vitro efficacies of various antipseudomonal antibiotics based catheter lock solutions on eradication of Pseudomonas aeruginosa biofilms**
ÖZBEK ÇELİK B., MATARACI KARA E.
4th International Meeting on Pharmacy Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September 2014, pp.174
- XXXVI. **Comparative in vitro efficacies of various antipseudomonal antibiotics based catheter lock solutions on eradication of pseudomonas aeruginosa**
ÖZBEK ÇELİK B., MATARACI KARA E.
Fourth international meeting on pharmacy&pharmaceutical sciences, İstanbul, Turkey, 18 - 21 September 2014, pp.174
- XXXVII. **Antimicrobial Activities of Some Novel Synthesized Iminothiazolidinone Derivatives**
ÖZ G., Ünlü Y. S., Tuğcu F., ÖZBEK ÇELİK B.
4th International Meeting on Pharmacy and Pharmaceutical Sciences, İstanbul, Turkey, 18 - 21 September 2014, pp.178
- XXXVIII. **HASTANE ATIKSULARININ YÖNETİMİ**
YILMAZ G., KAYA Y., VERGİLİ İ., ÖZÇELEP Z. B., Özhan G., Özbek B.
II. ULUSAL SAĞLIK KURULUŞLARI ÇEVRE YÖNETİMİ SEMPOZYUMU, İstanbul, Turkey, 22 - 23 May 2014, pp.140-146
- XXXIX. **Kolistin, tigesiklin ve tobramisinin tek başlarına ve kombinasyon halinde çeşitli örneklerden izole edilen Enterobacteriaceae türlerine karşı in-vitro etkilerinin araştırılması**
MATARACI E., ÖZBEK ÇELİK B., Yılmaz M.
11.Antimikrobik ve Kemoterapi Günleri, İstanbul, Turkey, 18 - 20 April 2014, pp.171
- XL. **Kolistin, Tigesiklin ve Tobramisininin Tek Başlarına ve Kombinasyon Halinde Çeşitli Örneklerden İzole Edilen Enterobacteriaceae Türlerine Karşı İn vitro Etkilerinin Araştırılması**
MATARACI KARA E., ÖZBEK ÇELİK B., YILMAZ M.
11.Antimikrobik Kemoterapi Günleri, İstanbul, Turkey, 18 - 20 April 2014
- XLI. **Biological activities of Muscari neglectum growing in turkey**
Eroğlu Özkan E., Demirci S., Taşkın T., Abudayyak M., Mataracı Kara E., Özbek Çelik B.
XI. International Ethnobotany Symposia, Antalya, Turkey, 2 - 05 November 2013, pp.40
- XLII. **The effectivities of various disinfectants against Pseudomonas aeruginosa**
ÖZBEK ÇELİK B., BOZKURT GÜZEL Ç., BİRTEKSÖZ TAN A. S., Döşler S., GERÇEKER A., ÖTÜK G.
3 rd Balkan Conference of Microbiology, İstanbul, Turkey, 4 - 06 September 2013, pp.12
- XLIII. **Chemical compositions and biological activities of Hypericum neurocalycinum an endemic species of Turkey**
Eroğlu Özkan E., Özsoy N., Özhan G., Özbek Çelik B., Mat A.
61st International Congress and annual meeting of the society for medicinal plant and natural product research, Münster, Germany, 1 - 05 September 2013, vol.79, pp.1213
- XLIV. **Chemical Compositions and Biological Activities of Hypericum malatyanum and Endemic Species of Turkey**

Erođlu Özkan E., Özsoy N., Özhan G., Özbek Çelik B., Mat A.

2nd International PSE Symposium on Natural Products in Cancer Prevention and Therapy, Naples, Italy, 25 - 28 June 2013, pp.63

- XLV. **Comparative in-vitro efficacies of colistin-levofloxacin, colistin-tigecycline and tigecycline-levofloxacin based catheter lock solutions on eradication of Acinetobacter baumannii biofilms**
ÖZBEK ÇELİK B., MATARACI E.
9th International Symposium on the Biology of Acinetobacter, Germany, 1 - 04 June 2013, pp.110
- XLVI. **Kolistin dirençli Acinetobacter baumannii suşuna karşı çeşitli antibiyotiklerin tek başlarına ve kombinasyon halinde in-vitro etkinliklerinin checkerboard yöntemi ile araştırılması**
TÜYSÜZ M., İNAN N., DEMİREL A., ÖZBEK ÇELİK B., SÖNMEZ E., ARISOY A.
28.ANKEM KONGRESİ, Antalya, Turkey, 22 - 26 May 2013, pp.96
- XLVII. **Tigesiklini Tek Başına ve Klaritromisin ve/veya Heparin ile Kombinasyon Halinde İçeren Antibiyotik Kilit Çözeltilerinin Acinetobacter baumannii Suşları Tarafından Oluşturulan Santral Venöz Kateter Biyofilm Modeline İn vitro Etkilerinin Araştırılması**
ÖZBEK ÇELİK B., MATARACI KARA E.
35.Türk Mikrobiyoloji Kongresi, Aydın, Turkey, 3 - 07 November 2012, pp.376
- XLVIII. **Çeşitli Antibiyotiklerin Tek Başlarına ve Kombinasyon Halinde Bakteriyemili Hastalardan İzole Edilen Klebsiella pneumoniae Suşlarına Karşı Oluşturduğu İn vitro Etkilerin Araştırılması**
MATARACI KARA E., ER S., YILMAZ M., ÖZBEK ÇELİK B.
35. Türk Mikrobiyoloji Kongresi, Aydın, Turkey, 3 - 07 November 2012, pp.232
- XLIX. **Çeşitli antibiyotiklerin tek başlarına ve kombinasyon halinde bakteriyemili hastalardan izole edilen Klebsiella pneumoniae suşlarına karşı oluşturduğu in vitro etkilerin araştırılması**
MATARACI E., ER S., Yılmaz M., ÖZBEK ÇELİK B.
35.Türk Mikrobiyoloji Kongresi, Aydın, Turkey, 1 - 04 November 2012, pp.297
- L. **Tigesiklini tek başına ve klaritromisin ve/veya heparin ile kombinasyon halinde içeren antibiyotik kilit çözeltilerinin Acinetobacter baumannii suşları tarafından oluşturulan santral venöz kateter biyofilm modeline in vitro etkilerinin araştırılması**
ÖZBEK ÇELİK B., MATARACI E.
35.Türk Mikrobiyoloji Kongresi, Aydın, Turkey, 1 - 04 November 2012, pp.334
- LI. **Drosanthe Seksiyonuna Ait Bazı Endemik Hypericum Türlerinin Kimyasal Bileşimi ve Antimikrobiyal Aktivitesi**
Erođlu Özkan E., Özbek Çelik B., Mat A.
20. Bitkisel İlaç Hammaddeleri Toplantısı, Antalya, Turkey, 1 - 04 October 2012, pp.107
- LII. **Alkoloid diversity and antimicrobial activities of Papaver rhoeas growing in Turkey**
SARIYAR G., ÇOBAN İ., ÖZBEK ÇELİK B.
The 14th International Congress Phytopharm 2010, Saint-Petersburg, Russia, 1 - 03 July 2010, pp.85
- LIII. **Türkiye'nin Bazı Endemik Hypericum Türlerinin Antimikrobiyal Aktivitesi**
Erođlu Özkan E., Özbek Çelik B., Mat A.
18. Bitkisel İlaç Hammaddeleri Toplantısı, İstanbul, Turkey, 1 - 04 October 2008, pp.20
- LIV. **Biological activity of Hypericum pamphylicum, an endemic species of Turkey**
Erođlu Özkan E., Özbek Çelik B., Mat A.
Future Trends In Phytochemistry – A Young Scientists Symposium, Olomouc, Czech Republic, 1 - 04 July 2006, pp.15
- LV. **Alkaloids and Antimicrobial Activities of Papaver clavatum and P. stylatum**
Erođlu Özkan E., Gürer Ç., Özbek Çelik B., Şerbetçi T., Sarıyar G., Mat A.
Chemistry, Pharmacology and Biosynthesis of Alkaloids, Antalya, Turkey, 1 - 04 April 2006, pp.24
- LVI. **"The effectivities of widely used disinfectants against various microorganisms"**
DÖŞLER S., BİRTEKSÖZ TAN A. S., GERÇEKER A., ÖZBEK ÇELİK B., BOZKURT GÜZEL Ç., ÖTÜK G.
3rd Balkan Conference of Microbiology, İstanbul, Turkey, 4 - 06 September 2003, pp.552
- LVII. **Hayatımıza giren ıslak mendillerin mikrobiyolojik etkinliğinin araştırılması üzerine bir çalışma.**
BİRTEKSÖZ TAN A. S., DÖŞLER S., ÖZBEK ÇELİK B., BOZKURT GÜZEL Ç., Gerçeker A., ÖTÜK G.

Supported Projects

ÖZBEK ÇELİK B., Project Supported by Other Private Institutions, Tuncel Elmalı F, Demirhan N, Özbek Çelik B, Hezam AS. Benzopiridin Türevli Schiff Bazları ve Cu(I), Ru(II) Komplekslerinin Sentezi, Karakterizasyonu ve Biyolojik Aktivitelerinin İncelenmesi, YTÜ Normal Araştırma Projesi, 2017 - Continues

ÖZBEK ÇELİK B., Project Supported by Other Official Institutions, Alp H, Yıldırım NC, Mataracı E, PaksOy MY, Paksoy M, Özbek Çelik B. Türkiye'de Yayılış Gösteren Conringia Heist. ex Fabr. Cinsine Ait Bazı Türlerin Sitotoksik Etkileri ile Antioksidan, Antimikrobiyal ve Anti-biyofilm Aktivitelerinin Belirlenmesi, 2016 - Continues

SÜZGEÇ SELÇUK S., TAŞKIN T., ÖZBEK ÇELİK B., KAHRAMAN E., ÖZDEMİR M., Project Supported by Higher Education Institutions, Soğuk Algınlığı Üzerine Etkili Tıbbi Çay Droğları Üzerinde Araştırmalar, 2022 - 2024

ÖZBEK ÇELİK B., DAMAR ÇELİK D., Project Supported by Higher Education Institutions, Bakteriyofajların Klinik Kökenli Bakterilere Karşı Antimikrobiyal ve Antibiyofilm Özelliklerinin Araştırılması, 2021 - 2023

MATARACI KARA E., ÖZBEK ÇELİK B., YILMAZ M., Project Supported by Higher Education Institutions, Sefiderokol'un tek başına ve kombinasyon halinde Çoklu İlaç Dirençli Acinetobacter baumannii suşlarına karşı oluşturduğu in-vitro etkilerin incelenmesi, 2020 - 2023

ÖZBEK ÇELİK B., MATARACI KARA E., Project Supported by Higher Education Institutions, Eravasiklinin tek başına ve kombinasyon halinde çoklu ilaç dirençli Enterobacteriaceae suşlarına karşı oluşturduğu in vitro etkilerin incelenmesi, 2020 - 2023

ÖZBEK ÇELİK B., ATAMAN M., Project Supported by Higher Education Institutions, Eravasiklin'in tek başına ve çeşitli antibiyotiklerle kombinasyon halinde Acinetobacter baumannii suşlarına karşı in vitro antimikrobiyal etkinliklerinin araştırılması, 2019 - 2023

ÖZBEK ÇELİK B., ÖZER B., Project Supported by Higher Education Institutions, Eravasiklinin tek başına ve çeşitli antibiyotikler ile kombinasyon halinde oluşturdukları etkilerin Achromobacter cinsi klinik suşlara karşı araştırılması, 2021 - 2022

MATARACI KARA E., ÖZBEK ÇELİK B., YILMAZ M., Project Supported by Higher Education Institutions, Seftazidim/Avibaktamın Çeşitli Klinik Örneklerden İzole Edilen Pseudomonas aeruginosa Suşları Üzerine Farmakodinamik Etkilerinin Araştırılması, 2018 - 2020

Yıldız M., Tuyun A. F., Bayrak N., Yıldırım H., Mataracı Kara E., Özbek Çelik B., Project Supported by Higher Education Institutions, Piperazin Grubu İçeren Dimetilbenzokinonların Sentezi Ve Elde Edilen Bileşiklerin Antimikrobiyal Aktivitelerinin İncelenmesi, 2018 - 2020

Mataracı Kara E., Özbek Çelik B., Yıldırım N. C., Alp H., Yıldırım N., Paksoy M. Y., Project Supported by Other Official Institutions, Türkiye'de yayılış gösteren Conringia Heist.ex Fabr. Cinsine Ait Bazı Türlerin Sitotoksik Etkileri ile Antioksidan, Antimikrobiyal ve Antibiyofilm Aktivitelerinin Belirlenmesi, 2017 - 2019

BAŞPINAR KÜÇÜK H., MATARACI KARA E., ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Bazı Yeni Oksimino Alkoller ve Amino Alkollerin Sentezi, 2017 - 2018

ÖZBEK ÇELİK B., DAMAR D., Project Supported by Higher Education Institutions, Çeşitli Antibiyotiklerin Tek Başına ve Kombinasyon Halinde Achromobacter xylosoxidans Suşları Üzerine Antibiyotik Sonrası Etkisinin Araştırılması, 2017 - 2018

MATARACI KARA E., ÖZBEK ÇELİK B., YILMAZ M., Project Supported by Higher Education Institutions, Karbapenem dirençli Acinetobacter baumannii suşlarına karşı seftazidim/avibaktamın çeşitli antibiyotiklerle kombinasyonlarının etkinliğinin incelenmesi, 2016 - 2018

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Çeşitli antibiyotiklerin tek başlarına ve kombinasyon halinde Escherichia coli biyofilmi üzerine etkinliği, 2015 - 2018

ÖZBEK ÇELİK B., BOZKURT GÜZEL Ç., ÜNAL D. Ş., MATARACI KARA E., ARAMAN A. O., Project Supported by Higher Education Institutions, ÜLKEMİZDE ÜRETİLEN STERİL OLMAYAN FARMASÖTİK ÜRÜNLERİN MİKROBİYOLOJİK VE KİMYASAL ÖZELLİKLERİNİN ARAŞTIRILMASI, 2015 - 2018

VERGİLİ İ., YILMAZ G., KAYA Y., ÖZÇELEP Z. B., ÖZBEK ÇELİK B., ÖZHAN G., TUBITAK Project, Hastane Atıksularının Karakterizasyonu ve Toz Aktif Karbon İlaveli Membran Biyoreaktörde Arıtımı, 2014 - 2018

TUYUN A. F., YILDIRIM H., YILDIZ M., BAYRAK N., ÖZBEK ÇELİK B., MATARACI KARA E., Project Supported by Higher Education Institutions, 2,3-Diklor-1,4-kinonların Aromatik Birincil Aminlerle Olan Reaksiyonlarından 2-Amino-3-klor-1,4-kinon Türevlerinin Sentezi Ve Elde Edilen Bileşiklerin Biyolojik Aktivitelerinin İncelenmesi, 2016 - 2017

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, CSA-13 katyonik steroid antibiyotik Klebsiella pneumoniae suşları üzerine farmakodinamik etkinliklerinin araştırılması, 2014 - 2017

ECEVİT GENÇ G., MELİKOĞLU G., ANIL S., GENÇ İ., AKSOY SAĞIRLI P., ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Türkiye’de Yayılış Gösteren Endemik Eryngium Türlerinin Kimyasal İçerikleri ve Aktiviteleri Üzerine Araştırmalar, 2014 - 2017

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Sorbik asit içeren kateter lock solüsyonlarının in-vitro etkinliği, 2014 - 2017

TUYUN A. F., BAYRAK N., YILDIRIM H., MATARACI KARA E., ÖZBEK ÇELİK B., NASİRİ H. R., Project Supported by Higher Education Institutions, Antimicrobial and Anticancer Activities of Amino Sulfanyl 1,4-Naphthoquinone and Benzo[b]phenazine-6,11-dione Derivatives, 2016 - 2016

ÖZBEK ÇELİK B., MATARACI KARA E., Project Supported by Higher Education Institutions, Investigation of the effects of various antibiotics against Klebsiella pneumoniae biofilms on invitro catheter model, 2016 - 2016

ÖZBEK ÇELİK B., MATARACI KARA E., Project Supported by Higher Education Institutions, ÇEŞİTLİ ANTİBİYOTİKLERİN KLEBSİELLA PNEUMONİAE BİYOFİLMİ ÜZERİNE ETKİLERİNİN İN-VİTRO KATETER MODELDE ARAŞTIRILMASI, 2013 - 2016

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, IN VITRO SYNERGISTIC EFFECTS OF COLISTIN, TIGECYCLINE, TOBRAMYCIN AND DORIPENEM ALONE OR IN COMBINATIONS AGAINST CARBAPENEM-RESISTANT ENTEROBACTERIACEAE STRAINS, 2015 - 2015

ÖZBEK ÇELİK B., MATARACI KARA E., Project Supported by Higher Education Institutions, Doripenemin Farmakodinamik Parametrelerinin Klebsiella pneumoniae Suşlarına karşı Araştırılması, 2013 - 2015

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Kolistin-levofloksasin, kolistin-tigesiklin ve tigesiklin-levofloksasin içerikli kateter lock solüsyonlarının Acinetobacter baumannii biyofilmini ortadan kaldırma etkisinin in-vitro karşılaştırılması, 2013 - 2014

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Tigesiklinin Acinetobacter baumannii suşları tarafından oluşturulan biofilm üzerine etkilerinin araştırması, 2009 - 2012

ÖZBEK ÇELİK B., Project Supported by Higher Education Institutions, Tigesiklinin Tek Başına ve Kolistin Sülfat, Sulbaktam ve Levofloksasin ile Kombinasyon Halinde Acinetobacter baumannii Suşları Üzerine Oluşturduğu Antibiyotik Sonrası Etkinin Araştırılması, 2009 - 2012

Özbek Çelik B., Project Supported by Other Private Institutions, Investigation of Ambler Class A and D beta Lactamases in Multidrug Resistant Pseudomonas Aeruginosa Isolates” Federation of European Microbiological Societies Bursu IX. Paris Sud Üniversitesi South Paris Medical School Bakterioloji-Viroloji Departmanı, 2007 - 2007

Patent

Bayrak N., Yıldırım H., Tuyun A. F., Mataracı Kara E., Özbek Çelik B., Bazı Gram Pozitif Bakterilere Karşı Aktiviteye Sahip Amino Azanaftokinon Bileşikleri, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2018 10318 A2 , Standard Registration, 2023

Yıldırım H., Bayrak N., Tuyun A. F., Mataracı Kara E., Özbek Çelik B., Antibakteriyel Aktiviteye Sahip 2-Alkiltiyo-3-Arilamino-1,4-Naftokinon Bileşikleri, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2018 00021 A2 , Standard Registration, 2023

Activities in Scientific Journals

Journal of Faculty of Pharmacy of Istanbul University, Assistant Editor/Section Editor, 2014 - Continues

Memberships / Tasks in Scientific Organizations

ANKEM, Member, 2007 - Continues

TÜRK MİKROBİYOLOJİ CEMİYETİ, Member, 2000 - Continues

Scientific Refereeing

TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Istanbul University, Turkey, May 2020

Marmara Pharmaceutical Journal. , National Scientific Refreed Journal, June 2016

African Journal of Microbiology Research , SCI Journal, April 2016

Critical Care, SCI Journal, January 2016

JAC, SCI Journal, September 2014

African Journal of Microbiology Research, National Scientific Refreed Journal, December 2012

Scientific Consultations

İstanbul Eczacı Odası, Scientific Consultancy, Istanbul University, Faculty Of Pharmacy , Department of Basic Pharmaceutical Sciences, Turkey, 2020 - Continues

Metrics

Publication: 147

Citation (WoS): 806

Citation (Scopus): 818

H-Index (WoS): 16

H-Index (Scopus): 16

Congress and Symposium Activities

Acinetobacter2013, Attendee, KÖLN, Germany, 2013

Scholarships

Federation of European Microbiology Societies Grant, European Commission, 2006 - Continues

Awards

ÖZBEK ÇELİK B., EZC.EROL TOKSÖZ İLAÇ ÖDÜLLER, SANOVEL İLAÇ SANAYİİ, March 2013

Non Academic Experience

İSTANBUL ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ

University, PARIS SUD IX UNIVERSİYT, BAKTERİYOLOGY AND MICROBIOLOGY

PARİS SUD-9 Üniversite