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International Researcher IDs

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Publons / Web Of Science ResearcherID: I-8445-2013

ScopusID: 57189621362

Yoksis Researcher ID: 120988

Education Information

Doctorate, Gazi University, Tıp Fakültesi, Tibbi Mikrobiyoloji Anabilim Dalı, Turkey 2010 - 2016

Postgraduate, Hacettepe University, Tip Fakültesi, Tibbi Mikrobiyoloji Anabilim Dalı, Turkey 2006 - 2009

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 2001 - 2006

Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Medical Microbiology

Academic Titles / Tasks

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biginelli dihydropyrimidines carrying azole rings: Synthesis, computational studies, and evaluation of alpha-glucosidase inhibitory and antimicrobial activities**
KOÇAK ASLAN E., Armaković S. J., Armaković S., ÖZENVER N., ÖZKUL KOÇAK C., GÜNDÜZ M. G.
Journal of Molecular Structure, vol.1306, 2024 (SCI-Expanded)
- II. **Electrochemical biosensors for rapid diagnosis of bacterial infections: Design, targets and applications in clinical setting**
Koçak E., ÖZKUL KOÇAK C., BOZAL PALABIYIK B., SÜSLÜ İ., USLU B.
Electroanalysis, vol.35, no.11, 2023 (SCI-Expanded)
- III. **Crohn's Disease Prediction Using Sequence Based Machine Learning Analysis of Human Microbiome**
ÜNAL M., BOSTANCI G. E., ÖZKUL KOÇAK C., AÇICI K., Asuroglu T., GÜZEL M. S.

- Diagnostics, vol.13, no.17, 2023 (SCI-Expanded)
- IV. **Evaluation of In Vitro Activity of Ceftolozane/Tazobactam and Ceftazidime/Avibactam Against Carbapenem-Resistant *Pseudomonas aeruginosa* Strains and Mechanisms of Carbapenem Resistance: Data from Tertiary Care Hospital**
HAZIROLAN G., ÖZKUL KOÇAK C.
Jundishapur Journal of Microbiology, vol.16, no.3, 2023 (SCI-Expanded)
- V. **First Report of Plasmid-Mediated fosA6 Harboring *Klebsiella pneumoniae* Isolate in Turkey**
HAZIROLAN G., ÖZKUL KOÇAK C.
Clinical Laboratory, vol.68, no.11 November, pp.2428-2429, 2022 (SCI-Expanded)
- VI. **Gut Microbiome Alteration after Reboxetine Administration in Type-1 Diabetic Rats**
Aydin S., ÖZKUL KOÇAK C., Yucel N. T., KARACA GENÇER H.
MICROORGANISMS, vol.9, no.9, 2021 (SCI-Expanded)
- VII. **Gut-brain-microbiota axis: Antibiotics and functional gastrointestinal disorders**
KARAKAN T., ÖZKUL KOÇAK C., Akkol E. K., BİLİCİ S., Sobarzo-Sánchez E., Capasso R.
Nutrients, vol.13, no.2, pp.1-18, 2021 (SCI-Expanded)
- VIII. **A single early-in-life antibiotic course increases susceptibility to DSS-induced colitis**
ÖZKUL KOÇAK C., Ruiz V. E., Battaglia T., Xu J., Roubaud-Baudron C., Cadwell K., Perez-Perez G., Blaser M. J.
GENOME MEDICINE, vol.12, no.1, 2020 (SCI-Expanded)
- IX. **Structural changes in gut microbiome after Ramadan fasting: a pilot study**
Ozkul C., Yalinay M., Karakan T.
BENEFICIAL MICROBES, vol.11, no.3, pp.227-233, 2020 (SCI-Expanded)
- X. **Long-Term Effects of Early-Life Antibiotic Exposure on Resistance to Subsequent Bacterial Infection.**
Roubaud-Baudron C., Ruiz V., Swan A., Vallance B., Ozkul C., Pei Z., Li J., Battaglia T., Perez-Perez G., Blaser M.
mBio, vol.10, 2019 (SCI-Expanded)
- XI. **Islamic fasting leads to an increased abundance of *Akkermansia muciniphila* and *Bacteroides fragilis* group: A preliminary study on intermittent fasting**
Ozkul C., Yalinay M., Karakan T.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.30, no.12, pp.1030-1035, 2019 (SCI-Expanded)
- XII. **Design, synthesis and computational analysis of novel acridine-(sulfadiazine/sulfathiazole) hybrids as antibacterial agents**
GÜNDÜZ M. G., Tahir M. N., Armakovic S., Kocak C., Armakovic S. J.
JOURNAL OF MOLECULAR STRUCTURE, vol.1186, pp.39-49, 2019 (SCI-Expanded)
- XIII. **Determination of certain bacterial groups in gut microbiota and endotoxin levels in patients with nonalcoholic steatohepatitis**
Ozkul C., Yalinay M., Karakan T., Yilmaz G.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.28, no.5, pp.361-369, 2017 (SCI-Expanded)
- XIV. **Ag/silk fibroin nanofibers: Effect of fibroin morphology on Ag+ release and antibacterial activity**
ÇALAMAK S., AKSOY E. A., Ertas N., ERDOĞDU C., SAĞIROĞLU M., ULUBAYRAM K.
EUROPEAN POLYMER JOURNAL, vol.67, pp.99-112, 2015 (SCI-Expanded)
- XV. **Silver nanoparticle containing silk fibroin bionanotextiles**
ÇALAMAK S., AKSOY E. A., ERDOĞDU C., SAĞIROĞLU M., ULUBAYRAM K.
JOURNAL OF NANOPARTICLE RESEARCH, vol.17, no.2, 2015 (SCI-Expanded)
- XVI. **Silk fibroin based antibacterial bionanotextiles as wound dressing materials**
ÇALAMAK S., Erdogdu C., Ozalp M., ULUBAYRAM K.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.43, pp.11-20, 2014
(SCI-Expanded)
- XVII. **Detection of cagA and vacA genotypes of *Helicobacter pylori* isolates from a university hospital in Ankara region, Turkey**
Erdogdu C., SARIBAŞ Z., Yilmaz Y. A.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.44, no.1, pp.126-132, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Karbapeneme Dirençli Klebsiella pneumoniae Klinik İzolatlarında Kolistin Direnci**
ÖZKUL KOÇAK C., HAZIROLAN G.
Türk Mikrobiyoloji Cem Derg, vol.49, no.1, pp.17-23, 2019 (Peer-Reviewed Journal)
- II. **Mikrobiyota Tanımlama Yöntemleri**
ÖZKUL KOÇAK C., YALINAY A. M.
Turkiye Klinikleri Gastroenterohepatology, vol.11, pp.5-11, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Mikrobiyota Tanımlama Yöntemleri**
ÖZKUL KOÇAK C., YALINAY A. M.
in: Türkiye Klinikleri Gastroenteropatoloji Özel Konular - Bağırsak Mikrobiyotası, Prof. Dr. Hakan Alagözlü, Editor, Türkiye Klinikleri (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnsaat Sanayi ve Ticaret A.Ş.), Ankara, pp.5-11, 2018
- II. **Mikrobiyolojik Yöntemler**
ERYILMAZ M., DEMİRTAŞ A., ERAÇ B., TAŞLI H., EKİZOĞLU M., KART D., YILMAZ F. F., KARACA GENÇER H., CANTÜRK Z., SAĞIROĞLU M., et al.
in: Türk Farmakopesi 2017, , Editor, T.C. Sağlık Bakanlığı Türkiye İlaç ve Tibbi Cihaz Kurumu, 2018
- III. **Nonfermenterlerin İzolasyonu İçin Öneriler En Sık Rastlanan Türlerin Tanımlanması**
ÖZKUL KOÇAK C.
in: Koneman's Color Atlas and Textbook of Diagnostic Microbiology, Ahmet Başustaoğlu, Ayşe Dürdal Us, Editor, Hipokrat Yayınevi, pp.389, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Seçici noradrenalin gerilim inhibitörü reboxetinin intestinal mikrobiom üzerine etkisi**
ÖZKUL KOÇAK C., KARACA GENÇER H., AYDIN TEKİNKOCA S.
TMC 2020 Çevrim İçi Mikrobiyoloji Sempozyumu, Turkey, 27 December 2020
- II. **Structural changes in gut microbiome of diabetic mice after Reboxetine treatment**
TEKİNKOCA S., ÖZKUL KOÇAK C., KARACA GENÇER H.
HELICOBACTER, Innsbruck, Austria, 5 - 07 September 2019, vol.24
- III. **Compositional analysis of ocular surface microbiome in blepharitis**
ÖZKUL KOÇAK C., YALINAY A. M., AKATA R. F.
HELICOBACTER, Innsbruck, Austria, 5 - 07 September 2019, vol.24
- IV. **GUT MICROBIOME AND OBESITY ASSOCIATED DISEASES: CURRENT PERSPECTIVE**
ÖZKUL KOÇAK C.
International Multidisciplinary Symposium on Drug Research and Development, 1 - 03 July 2019
- V. **THE INTEGRATED PROTEOMICS AND METABOLOMICS ANALYSIS OF ESCHERICHIA COLI UNDER OFLOXACIN STRESS**
KOÇAK E., ÖZKUL KOÇAK C.
International Multidisciplinary Symposium on Drug Research and Development, 1 - 03 July 2019
- VI. **Kafeterya Diyeti İle Beslenen Anne Ratların Anne Sütü Alan Yavrularında Mikrobiyota Düzeylerinin İncelenmesi**
ADİLOĞLU A. K., Teker T., ÖZKUL KOÇAK C., YALINAY A. M., Öztürk B., EYERCİ N.
Türk Mikrobiyoloji Kongresi XXXVIII International Uluslararası Turkish Microbiology Congress, 4 - 08 November 2018
- VII. **Oruç tutan bireylerde oruç öncesi ve sonrası bağırsak mikrobiyotası farklılıklarının metagenomik**

olarak incelenmesi

ÖZKUL KOÇAK C., YALINAY A. M., KARAKAN T.

5. Ulusal Bağırsak Mikrobiyotası ve probiyotik Kongresi, Turkey, 11 - 14 October 2018

VIII. Mikropipette Mikrobiyota:Analiz Yöntemleri

ÖZKUL KOÇAK C.

İnönü Üniversitesi bilimsel Araştırma topluluğu 5.Ulusal Tıp Öğrenci Kongresi, Turkey, 27 April 2018

IX. Bağırsak Mikrobiyotası ve Metagenomik Yaklaşım

ÖZKUL KOÇAK C.

4. Ulusal Klinik Mikrobiyoloji Kongresi, Antalya, Turkey, 8 - 12 November 2017

X. Effect of microbial restoration after early-life antibiotic treatment on intestinal microbial communities and on host gene expression and function

Ruiz V., Battaglia T., ERDOĞDU C., Blaser M. J.

50th Annual MACUB Conference, 28 October 2017

XI. Effect of single early-in-life antibiotic course on microbial community structure and susceptibility to DSS-induced colitis

Ozkul C., Ruiz V., Battaglia T., Cadwell K., Blaser M.

30th International Workshop of the European-Helicobacter-and-Microbiota-Study-Group (EHMSG) on Helicobacter and Microbiota in Inflammation and Cancer, Bordeaux, France, 7 - 09 September 2017, vol.22

XII. Polycationic Polymeric Brush Decoration on Polyurethane for Dual Effective Antibacterial Activity

GÜLTEKİNOĞLU M., sarışözen y. t., ERDOĞDU C., SAĞIROĞLU M., Oh Y. J., Hinterdorfer P., AKSOY E. A., ULUBAYRAM K.

46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016

XIII. Polycationic Polymeric Brush Decoration on Polyurethane Dual Effective Antibacterial Activity

GÜLTEKİNOĞLU M., TUNÇ SARISÖZEN Y., ERDOĞDU C., SAĞIROĞLU M., JIN OH Y., HINTERDORFER P., AKSOY E. A., ULUBAYRAM K.

46th IUPAC World Polymer Congress MACRO2016, Turkey, 17 - 21 July 2016

XIV. Gut Microbiota in Patients with Non Alcoholic Fatty Liver Disease

ERDOĞDU C., YALINAY A. M., KARAKAN T.

ASM Microbe, 16 - 20 June 2016

XV. Antioxidant antimicrobial activities and total phenolic content of *Prunus spinosa L* subsp *dasyphylla* Schur Domin and its secondary metabolites

ÇANKAYA İ. İ., Anul S., EKİZOĞLU M., ERDOĞDU C., ÇİÇEK POLAT D., COŞKUN M.

2nd International Conference and Exhibition on Pharmacognosy, Phytochemistry & Natural Products, 25 - 27 August 2014

XVI. Biological activities and phytochemical analysis of *Prunus spinosa L* subsp *dasyphylla* Schur Domin

ÇANKAYA İ. İ., Anul S., EKİZOĞLU M., ERDOĞDU C.

9th International Symposium on Chromatography of Natural Products, 26 - 29 May 2014

XVII. Bazı Scutellaria türlerinin antimikrobiyal aktiviteleri

ZC A., ERDOĞDU C., RENDA G., EKİZOĞLU M., Ezer N.

20. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 10 - 13 October 2012

XVIII. *Prunus spinosa L* subsp *Dasyphylla* Schur domin türünün radikal süpürücü ve antimikrobiyal aktiviteleri ve total fenol içeriği

Serap A., ÇANKAYA İ. İ., EKİZOĞLU M., ERDOĞDU C., Polat Ç., COŞKUN M.

20. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 10 - 13 October 2012

XIX. An investigation of disinfectant resistance gene in hospital isolated gram negative bacteria Microbes in Applied Research Current Advances and Challenges 461 463 Supp olarak basılı

KART D., EKİZOĞLU M., Özkul C., GÜLMEZ KIVANÇ D., SAĞIROĞLU M.

IV International Conference on Environmental, Industrial and Applied Microbiology, Malaga, Spain, 14 - 16 October 2011, pp.461-463

XX. Detection of *H. pylori* vacA and cagA Virulence Genotypes by PCR

ÖZKUL KOÇAK C., Sarıbas Z., Yilmaz Y.

Supported Projects

YILDIZ O. B., AÇIKGÖZ A., EYÜPOĞLU N. D., YILMAZ İŞIKHAN S., ÖZKUL C., ÇALIŞKAN E., Project Supported by Higher Education Institutions, Polikistik Over Sendromlu Obez Kadınlarda İntestinal Mikrobiyotanın Re却uktif Sistem ve Metabolizma Üzerine Etkilerinin İncelenmesi, 2018 - 2019

ÖZKUL KOÇAK C., ERDOĞAN KABLAN S., Project Supported by Higher Education Institutions, Nonalkolik Karaciğer Yağlanması Olan Hastalarda Mikrobiyota Analizleri, 2016 - 2017

YILDIZ O. B., AKYÖN YILMAZ Y., ZENGİN M., MAMMADOVA G., ERDOĞDU C., Project Supported by Higher Education Institutions, Polikistik over sendromlu ve sağlıklı kadınlarda bağırsak mikrobiyota üyelerinden Prevotella melaninogenica ve Ruminococcus torques karşılaşılması, 2016 - 2017

ÖZKUL KOÇAK C., TUBITAK Project, Nonalkolik Karaciğer Yağlanması Olan Hastalar ve Sağlıklı Bireylerde Barsak Mikrobiyotasının Moleküler Yöntemlerle Karşılaştırılması, 2014 - 2015

Metrics

Publication: 59

Citation (WoS): 412

Citation (Scopus): 496

H-Index (WoS): 12

H-Index (Scopus): 13

Non Academic Experience

New York Üniversitesi