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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-9856-2018

Yoksis Researcher ID: 42530

Education Information

Doctorate, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1992 - 1999

Postgraduate, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1988 - 1992

Undergraduate, Ondokuz Mayıs University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1983 - 1987

Dissertations

Doctorate, Gardnerella vaginalis'in sekiz epidemiyolojik tipinin immünodominant proteinleri ve adherans özelliklerinin belirlenmesi , Karadeniz Teknik Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1999

Postgraduate, Helicobacter pylori'nin antral mukoza biyopsilerinde belirlenmesi, Karadeniz Teknik Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1992

Research Areas

Fundamental Medical Sciences

Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2012 - Continues

Associate Professor, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2006 - 2011

Assistant Professor, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2001 - 2006

Lecturer, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1995 - 2001

Academic and Administrative Experience

Head of Department, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2016 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of surface roughness and biofilm formation on the color properties of resin-infiltrated ceramic and lithium disilicate glass-ceramic CAD-CAM materials**
Topçu S., Tekçe N., Kopuz D., Özcelik E., Kolaylı F., Tuncer S., Demirci M.
JOURNAL OF PROSTHETIC DENTISTRY, vol.131, no.5, 2024 (SCI-Expanded)
- II. **The PLA-Ag NPs/PU bicomponent nanofiber production for wound dressing applications: Investigation of core/shell displacement effect on antibacterial, cytotoxicity, mechanical, and surface properties**
Samatya Yılmaz S., Yazıcı Özçelik E., Uzuner H., Kolaylı F., Karadenizli A., Aytaç A.
International Journal of Polymeric Materials and Polymeric Biomaterials, vol.73, no.8, pp.670-687, 2024 (SCI-Expanded)
- III. **Occupational Risks of Podologists: A Combined Assessment of VOCs, Vibration, Noise Levels and Health Complaints**
Arsal Yıldırım S., Pekey B., Aydın L., Peker Karatoprak A., Kolaylı F., Argun Barış S., Er D. K., Yazıcı Özçelik E., Yapsaklı K.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.34, no.6, pp.2529-2543, 2024 (SCI-Expanded)
- IV. **Molecular characterization of carbapenemase producing Klebsiella pneumoniae strains by multiplex PCR and PFGE methods: The first K.pneumoniae isolates co-producing OXA-48/KPC and KPC/NDM in Turkey.**
Genç S., Kolaylı F., Özçelik E.
Journal of infection and chemotherapy : official journal of the Japan Society of Chemotherapy, vol.28, no.2, pp.192-198, 2022 (SCI-Expanded)
- V. **In Vitro Effect of Pelargonium sidoides on Promastigote Forms of Leishmania infantum and Leishmania tropica**
BALIKÇI E., Gungor N., KOLAYLI F., HÖKELEK M.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.27, no.1, pp.51-56, 2021 (SCI-Expanded)
- VI. **Production and mechanical properties of Ti-5Al-2.5Fe-xCu alloys for biomedical applications**
YAMANOĞLU R., EFENDI E., KOLAYLI F., UZUNER H., DAOUD I.
BIOMEDICAL MATERIALS, vol.13, no.2, 2018 (SCI-Expanded)
- VII. **In vitro antibacterial activity of various adhesive materials against oral streptococci**
Ozel E., KOLAYLI F., Tuna E. B., Er D. K.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.1, pp.121-126, 2016 (SCI-Expanded)
- VIII. **Molecular Epidemiology, Antimicrobial Resistance and Characterization of Extended-Spectrum Beta-Lactamases of Salmonella enterica Serotype Paratyphi B Clinical Isolates**
BAYRAMOĞLU G., Ozgumus O. B., KOLAYLI F., Kamburoglu A., Besli Y., Dinc U., TOSUN İ., AYDIN F.
MIKROBIYOLOJİ BULTENİ, vol.48, no.2, pp.191-200, 2014 (SCI-Expanded)
- IX. **OXA-162, a novel variant of OXA-48 displays extended hydrolytic activity towards imipenem, meropenem and doripenem**
KASAP M., Torol S., KOLAYLI F., DÜNDAR D., Vahaboglu H.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.5, pp.990-996, 2013 (SCI-Expanded)
- X. **Community-acquired CTX-M-15-type ESBL-producing Escherichia coli meningitis: a case report and literature review**
ELALDI N., Gozel M. G., KOLAYLI F., ENGİN A., ÇELİK C., BAKICI M. Z., Vahaboglu H.
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.7, no.5, pp.424-431, 2013 (SCI-Expanded)
- XI. **Differences of vacA Alleles and cagA Status of Helicobacter pylori Strains Isolated from Two Different Countries: Turkey and Germany**
Kolaylı F., Karadenizli A., Bingol R., Schneider T., Kist M.
MIKROBIYOLOJİ BULTENİ, vol.46, pp.332-334, 2012 (SCI-Expanded)
- XII. **Integron-associated resistance genes among multidrug-resistant Pseudomonas aeruginosa isolated from clinical specimens**
Budak F., Kasap M., Kolaylı F., Karadenizli A., Vahaboglu M. H.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.42, pp.149-156, 2012 (SCI-Expanded)

- XIII. **Characterization of ESBL (SHV-12) producing clinical isolate of Enterobacter aerogenes from a tertiary care hospital in Nigeria**
KASAP M., Fashae K., Torol S., KOLAYLI F., BUDAK F., Vahaboglu H.
ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS, vol.9, 2010 (SCI-Expanded)
- XIV. **Water-borne Sphingomonas paucimobilis epidemic in an intensive care unit**
Meric M., Willke A., KOLAYLI F., YAVUZ Ş., Vahaboglu H.
JOURNAL OF INFECTION, vol.58, no.3, pp.253-255, 2009 (SCI-Expanded)
- XV. **Emergence and spread of carbapenem-resistant Acinetobacter baumannii in a tertiary care hospital in Turkey**
Meric M., KASAP M., GACAR G., BUDAK F., DÜNDAR D., KOLAYLI F., EROGLU C., VAHABOĞLU M. H.
FEMS MICROBIOLOGY LETTERS, vol.282, no.2, pp.214-218, 2008 (SCI-Expanded)
- XVI. **Investigation of antibiotic resistance profile and TEM-type beta-lactamase gene carriage of ampicillin-resistant Escherichia coli strains isolated from drinking water**
Alpay-Karaoglu S., Ozgumus O. B., Sevim E., Kolayli F., Sevim A., Yesilgil P.
ANNALS OF MICROBIOLOGY, vol.57, no.2, pp.281-288, 2007 (SCI-Expanded)
- XVII. **A novel application of Fourier-transformed infrared spectroscopy: classification of slime from staphylococci.**
Karadenizli A., Kolayli F., Ergen K.
Biofouling, vol.23, pp.63-71, 2007 (SCI-Expanded)
- XVIII. **High prevalence of OXA-51-type class D beta-lactamases among ceftazidime-resistant clinical isolates of Acinetobacter spp.: co-existence with OXA-58 in multiple centres**
Vahaboğlu M. H., Budak F., Kasap M., Gacar G., Torol S., Karadenizli A., Kolayli F., Eroglu C.
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.58, pp.537-542, 2006 (SCI-Expanded)
- XIX. **Genetic and enzymatic properties of metallo-beta-lactamase VIM-5 from a clinical isolate of Enterobacter cloacae**
Gacar G., Midilli K., Kolayli F., Ergen K., Gündes S., Hoşoğlu S., Karadenizli A., Vahaboğlu M. H.
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.49, pp.4400-4403, 2005 (SCI-Expanded)
- XX. **PER-1 is still widespread in Turkish hospitals among Pseudomonas aeruginosa and Acinetobacter spp.**
Kolayli F., Gacar G., Karadenizli A., Sanic A., Vahaboglu H.
FEMS Microbiology Letters, vol.249, pp.241-245, 2005 (SCI-Expanded)
- XXI. **An outbreak of SHV-5 producing Klebsiella pneumoniae in a neonatal intensive care unit; meropenem failed to avoid fecal colonization**
Gundes S., Arisoy A., Kolayli F., Karaali E., Turker G., Sanic A., Arisoy E., Vahaboglu H.
NEW MICROBIOLOGICA, vol.28, no.3, pp.231-236, 2005 (SCI-Expanded)
- XXII. **Outbreak of tularaemia in Golcuk, Turkey in 2005: report of 5 cases and an overview of the literature from Turkey.**
Karadenizli A., Gurcan S., Kolayli F., Vahaboglu H.
Scandinavian journal of infectious diseases, vol.37, pp.712-6, 2005 (SCI-Expanded)
- XXIII. **Effect of carbapenems on the transcriptional expression of the oprD, oprM and oprN genes in Pseudomonas aeruginosa**
Kolayli F., Karadenizli A., Savli H., Ergen K., Hatirnaz O., Balikli E., Budak F., Vahaboglu H.
JOURNAL OF MEDICAL MICROBIOLOGY, vol.53, no.9, pp.915-920, 2004 (SCI-Expanded)
- XXIV. **PER-1 type beta-lactamase production in Acinetobacter baumannii is related to cell adhesion**
Sechi L., Karadenizli A., Derlu A., Zanetti S., Kolayli F., Balikli E., Vahaboglu H.
MEDICAL SCIENCE MONITOR, vol.10, no.6, 2004 (SCI-Expanded)
- XXV. **Expression stability of six housekeeping genes: a proposal for resistance gene quantification studies of Pseudomonas aeruginosa by real-time quantitative RT-PCR**
Savli H., Karadenizli A., Kolayli F., Gundes S., Ozbek U., Vahaboglu H.
JOURNAL OF MEDICAL MICROBIOLOGY, vol.52, no.5, pp.403-408, 2003 (SCI-Expanded)

- XXVI. **Piperacillin with and without tazobactam against extended-spectrum beta-lactamase-producing *Pseudomonas aeruginosa* in a rat thigh abscess model.**
Karadenizli A., Mutlu B., Okay E., Kolayli F., Vahaboglu H.
Chemotherapy, vol.47, pp.292-6, 2001 (SCI-Expanded)
- XXVII. **Transient increase in diarrheal diseases after the devastating earthquake in Kocaeli, Turkey: Results of an infectious disease surveillance study**
Vahaboglu H., Gundes S., Karadenizli A., Mutlu B., Cetin S., Kolayli F., Coskuncan F., Durdar V.
CLINICAL INFECTIOUS DISEASES, vol.31, no.6, pp.1386-1389, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Antimicrobial and Antibiofilm Effects of Silver-Copper Nanoparticles Obtained by Green Synthesis Against *Streptococcus mutans***
Saritas B. M., Yigit A., TUNÇ A. K., KOLAYLI F.
CUREUS JOURNAL OF MEDICAL SCIENCE, no.4, 2024 (ESCI)
- II. **Congenital Cytomegalovirus Infection Screening in Newborns From Saliva Samples by Real-Time Polymerase Chain Reaction Analysis**
Günlemez A., Kolayli F., Yazıcı Özçelik E., Duranoğlu A., Durgut M., Arısoy E. S., Kara B.
Turkish archives of pediatrics (Online), vol.58, no.4, pp.371-375, 2023 (ESCI)
- III. **TOZ METALURJİSİ İLE BİYOMEDİKAL Ti5Ag ALAŞIMININ ÜRETİMİ**
Yamanoglu R., Karayünlü Bozbaş S., Kolayli F., Erkan S., Uzuner H., Muratal O., Yavuz H. İ.
EJONS International Journal of Mathematic, Engineering and Natural Sciences, vol.4, no.15, 2020 (Peer-Reviewed Journal)
- IV. **ANTIBACTERIAL PROPERTIES OF STAINLESS STEEL COATED ONTi6AL4V ALLOY**
YAMANOĞLU R., KHOSHNAW F., KOLAYLI F., UZUNER H.
International Journal of Mechanical and Production Engineering, vol.7, no.9, pp.53-56, 2019 (Peer-Reviewed Journal)
- V. **HELICOBACTER PYLORI DE KLARİTROMİSİN DİRENCİNİN MOLEKÜLER YÖNTEMLE SAPTANMASI**
irvem a., KOLAYLI F., HÜLAGÜ S.
ANKEM DERGİSİ, vol.29, pp.54-58, 2015 (Peer-Reviewed Journal)
- VI. **Clinical significance of OXA 10 type ESBL producing MDR *Pseudomonas aeruginosa***
SENBAYRAK S., KOLAYLI F., INAN A., TOPCU G., AKSARAY S., VAHABOĞLU M. H.
Disease and Molecular Medicine, pp.1-4, 2015 (Peer-Reviewed Journal)
- VII. **Effects of standard and/or glutamine dipeptide and/or omega-3 fatty acid-supplemented parenteral nutrition on neutrophil functions, interleukin-8 level and length of stay-a doubleblind, controlled, randomised study**
Aliyazıcıoğlu T., Cantürk N. Z., Şimşek T., Kolayli F., Çekmen M. B.
EAST AFRICAN MEDICAL JOURNAL, vol.90, no.2, pp.59-66, 2013 (Scopus)
- VIII. **integron associated resistance genes among multidrug-resistant *Pseudomonas aeruginosa* isolated from clinical specimens**
BUDAK F., KASAP M., KOLAYLI F., GÜNER S., KARADENİZLİ A., VAHABOĞLU M. H.
Turk Med Sci, 2012 (Peer-Reviewed Journal)

Books

- I. **Rhabdovirüsler**
GENÇ S., KOLAYLI F.
in: Temel Klinik ve Tanısal Tıbbi Viroloji, Mustafa Altındiş, Mehmet Özdemir, Bahadır Feyzioğlu, Editor, Nobel Akademik Yayıncılık, pp.321-328, 2018

II. Prionlar ve Prion Hastalıkları

KOLAYLI F.

in: Temel Klinik Ve Tanısal Tıbbi Viroloji, , Editor, Nobel Akademik Yayıncılık, pp.329-339, 2018

III. Koneman'xxs Color Atlas and Textbook of Diagnostic MicrobiologyKoneman Renkli Atlas ve Tanısal Mikrobiyoloji Kitabı Türkçe Baskısı

BAŞUSTAOĞLU A. C., AKÇALI A., ERGİN M. A., SAYINER A. A., KARAKULLUKÇU A., KARADENİZLİ A., KALKANCI A., FEYZİOĞLU B., KAŞKATEPE B., SANCAK B., et al.

Hipokrat Yayınevi, 2017

IV. Koneman's Color Atlas and Textbook of Diagnostic Microbiology

KOLAYLI F., YURDAKUL P., ESER Ö., TELLİ M., MÜMTAZ G., ÖZKUL C., İKTAŞ M., CÖMERT F., CEVAHİR N.

Hipokrat, Ankara, 2017

V. Hepatit A Virus Virolojisi, Epidemiyolojisi ve Tanısı

KOLAYLI F.

in: Hepatit Mikrobiyolojisi, Prof. Dr. Mustafa Altındis, Prof. Dr. Fehmi Tabak, Editor, İstanbul Tıp Kitabevi, pp.217-223, 2015

VI. Hepatit E Virus Virolojisi, Epidemiyolojisi ve Tanısı

KOLAYLI F.

in: Hepatit Mikrobiyolojisi, Prof. Dr. Mustafa Altındis, Prof. Dr. Fehmi Tabak, Editor, İstanbul Tıp Kitabevi, pp.224-232, 2015

Papers Published in Refereed Scientific Meetings

I. Quantitative investigation of treatment-related changes of *Bacteroides fragilis*, *Prevotella copri*, *Bifidobacterium bifidum* and *Lactobacillus salivarius* species in gut microbiota in patients with rheumatoid arthritis

Demir M., KOLAYLI F., YAZICI ÖZÇELİK E., YAZICI A., ÇEFLE A.

2021 The European Congress of Clinical Microbiology and Infectious Diseases (31st ECCMID), Austria, 9 - 12 July 2021

II. Yenidoğan yoğun bakım ünitesinde ortaya çıkan konjunktivit salgınında Adenovirus araştırılması ve moleküler yöntemle tiplendirilmesi.

KARADENİZLİ A., TÜRKER G., UZUNER H., ER D. K., KOLAYLI F., ORUÇ M., OĞUZ D.

35. Türk Mikrobiyoloji Kongresi, Aydın, Turkey, 03 November 2012, pp.155

Supported Projects

KOLAYLI F., Project Supported by Higher Education Institutions, HELİCOBACTER PYLORİ 'NİN BİYOFİLMDE LANSOPRAZOL DUYARLILIĞININ BELİRLENMESİ, 2018 - 2019

KOLAYLI F., METİN GENÇ S., Project Supported by Higher Education Institutions, KARBAPENEMAZ ÜRETEN KLEBSİELLA PNEUMONİAE SUŞLARININ MOLEKÜLER KARAKTERİZASYONU, 2016 - 2017

YAMANOĞLU R., UZUNER H., KOLAYLI F., ZEREN M., EFENDİ E., Project Supported by Higher Education Institutions, ANTİBAKTERİYEL ÖZELLİKLERİ GELİŞTİRİMİŞ TİTANYUM ALAŞIMLARININ TOZ METALURJİSİ İLE ÜRETİMİ, 2015 - 2017

Metrics

Publication: 54

Citation (WoS): 730

Citation (Scopus): 774

H-Index (WoS): 14

H-Index (Scopus): 15

Non Academic Experience

Kocaeli Üniversitesi , Öğretim Üyesi

Karadeniz Teknik Üniversitesi, Araştırma Görevlisi