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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AFF-8179-2022

ScopusID: 8502602600

Yoksis Araştırmacı ID: 207696

Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, İmmünoloji (Dr), Türkiye 2011 - 2015

Doktora, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), Türkiye 2006 - 2008

Yüksek Lisans, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), Türkiye 1999 - 2002

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Türkiye 1995 - 1999

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, C1Q ve kompleman düzenleyici protein CD59'xxun hiperglisemi koşullarında SH-SY5Y hücre canlılığı üzerine etkisinin araştırılması, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, İmmünoloji (Dr), 2015

Doktora, Gastrointestinal adenokarsinomaları ile bazı dna onarım genleri arasındaki ilişkinin araştırılması, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), 2008

Yüksek Lisans, MESLEKİ NEDENLE BAZI KSENOBİYOTİKLERE MARUZİYETİ BELİRLEYİCİ BİYOMARKÖRLER, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji A.B.D., 2002

Araştırma Alanları

Sağlık Bilimleri

Akademik Unvanlar / Görevler

Prof. Dr., Gazi Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Devam Ediyor

Doç. Dr., Gazi Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2012 - 2018

Araştırma Görevlisi, Gazi Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2007 - 2013

Araştırma Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1999 - 2006

Verdiği Dersler

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FTO-2090 İmmünotoksikoloji, Yüksek Lisans, 2017 - 2018, 2016 - 2017
UYG937 Mezuniyet Projesi I Uygulama, Lisans, 2017 - 2018
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İmmunoloji - IMJ211, Lisans, 2017 - 2018
UYG938 Araştırma Projesi II Uygulama, Lisans, 2017 - 2018
DAN SBE Yüksek Lisans Danışmanlığı, Yüksek Lisans, 2017 - 2018
ECZ5991 Mezuniyet Projesi II Uygulama, Lisans, 2017 - 2018
UYG938 Araştırma Projesi II, Lisans, 2017 - 2018
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UYG938 Araştırma Projesi I Uygulama, Lisans, 2017 - 2018
FTO409 Farmasötik Toksikoloji (Dönemde 5 saat), Lisans, 2017 - 2018
ECZ5091 Mezuniyet Projesi II, Lisans, 2017 - 2018
IMJ 211 İmmünoloji, Lisans, 2016 - 2017

Yönetilen Tezler

ENGİN A. B., Safra kesesi taşı bulunan diyabetli hastalarda oksidatif stres ve serum kompleman protein düzeyleri, Yüksek Lisans, G.ÇEBER(Öğrenci), 2017
ENGİN A. B., Cıva toksitesine bağlı nöronal hücre ölümüne metformin ve kafeinin etkisi, Yüksek Lisans, D.KARAKISA(Öğrenci), 2015

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Does lithium attenuate the liver damage due to oxidative stress and liver glycogen depletion in experimental common bile duct obstruction?**
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- II. **Effects of co-selection of antibiotic-resistance and metal-resistance genes on antibiotic-resistance potency of environmental bacteria and related ecological risk factors**
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- III. **Can iron, zinc, copper and selenium status be a prognostic determinant in COVID-19 patients?**
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- IV. **Size Dependent Dissolution of Silver Nanoparticles in Human Monocytic/Macrophage-Like U937 Cells and Speciation by Single Particle-Inductively Coupled Plasma-Mass Spectrometry (SP-ICP-MS)**
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- V. **Telomere attrition may be a more realistic toxicity test for both low and high dose exposure**
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- VI. **The effect of environmental diesel exhaust pollution on SARS-CoV-2 infection: The mechanism of pulmonary ground glass opacity**
POYRAZ B. M., ENGİN E. D., ENGİN A. B., ENGİN A.

- ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, cilt.86, 2021 (SCI-Expanded)
- VII. **The effect of environmental Bisphenol A exposure on breast cancer associated with obesity**
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- VIII. **The effect of environmental pollution on immune evasion checkpoints of SARS-CoV-2**
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- IX. **Iron homeostasis is altered in response to hypoxia and hypothermic preconditioning in brain glial cells**
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- X. **Dual function of sialic acid in gastrointestinal SARS-CoV-2 infection**
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- XI. **Two important controversial risk factors in SARS-CoV-2 infection: Obesity and smoking**
ENGİN A. B., ENGİN E. D., Engin A.
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- XII. **A Review of the Alleged Health Hazards of Monosodium Glutamate**
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- XIII. **The effect of adipocyte-macrophage crosstalk in obesity-related breast cancer**
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- XIV. **The blood-brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix**
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- XV. **Nanoparticles and neurotoxicity: Dual response of glutamatergic receptors**
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- XVI. **Nanoantibiotics: A Novel Rational Approach to Antibiotic Resistant Infections**
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- XVII. **DNA damage checkpoint response to aflatoxin B1**
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- XVIII. **Chemical-induced contact allergy: from mechanistic understanding to risk prevention**
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- XIX. **Impact of glutamine on the effect of neopterin in methyl mercury-exposed neurons**
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- XX. **Perioperative mortality prediction using POSSUM in patients with gastrointestinal tumors: Do immunological variables affect individual predictive mortality risk?**
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- XXI. **Do flavanols-rich natural products relieve obesity-related insulin resistance?**
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- XXII. **N-Methyl-D aspartate receptor-mediated effect on glucose transporter-3 levels of high glucose exposed-SH-SY5Y dopaminergic neurons**
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- XXIII. **Serum neopterin concentrations and tryptophan degradation pattern in patients with late stage larynx carcinoma**
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- XXIV. **Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach**
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- XXV. **The immunotoxicological pattern of subchronic and chronic benzene exposure in rats**
Karaulov A. V., Mikhaylova I. V., Smolyagin A. I., Boev V. M., Kalogeraki A., Tsatsakis A. M., ENGİN A. B.
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- XXVI. **Mechanistic understanding of nanoparticles' interactions with extracellular matrix: the cell and immune system**
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- XXVII. **Glutamate-mediated effects of caffeine and interferon-gamma on mercury-induced toxicity**
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- XXVIII. **Oral application of carbon nanofibers in rats increases blood concentration of IL6 and IL10 and decreases locomotor activity**
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- XXIX. **Protein bio-corona: critical issue in immune nanotoxicology**
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- XXX. **Basophil mediated pro-allergic inflammation in vehicle-emitted particles exposure**
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- XXXI. **Circulating IL-6 and neopterin concentrations link cell-mediated immunity and tumor stage in patients with gastro-intestinal adenocarcinoma: relevance to the pituitary-adrenal axis and pituitary-thyroid axis**
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- XXXII. **Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics**
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- XXXIII. **The impact of multi-walled carbon nanotubes with different amount of metallic impurities on immunometabolic parameters in healthy volunteers**
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- XXXIV. **NANOPARTICLES AND ENDOTHELIUM: AN UPDATE ON THE TOXICOLOGICAL INTERACTIONS**
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- XXXV. **Helicobacter pylori and serum kynurenine-tryptophan ratio in patients with colorectal cancer**
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- XXXVI. **Indoleamine 2,3-Dioxygenase-Competent Regulatory Dendritic Cells and Their Role in Alloimmune Regulation and Transplant Immune Tolerance**
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- XXXVII. **Tryptophan Metabolism: Implications for Biological Processes, Health and Disease Preface**
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- XXXVIII. **Night Shifts and Melatonin: Relevance to Age and Breast Cancer**
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- XL. **Evaluation of Tryptophan Metabolism in Chronic Immune Activation**
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- XLI. **Could 8-oxoguanine DNA glycosylase 1 Ser326Cys polymorphism be a biomarker of susceptibility in cancer?**
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- XLII. **Effect of N-acetyl cysteine, Neopterin and Dexamethasone on the Viability of Titanium dioxide Nanoparticles Exposed Cell Lines**
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- XLIII. **Oxidative stress and tryptophan degradation pattern of acute Toxoplasma gondii infection in mice**
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- XLIV. **Oxidative stress-induced endothelial cell damage in thyroidectomized rat**
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- XLV. **Association between ABCB1 gene polymorphisms and fentanyl's adverse effects in Turkish patients undergoing spinal anesthesia.**
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- XLVI. **DNA repair enzyme polymorphisms and oxidative stress in a Turkish population with gastric carcinoma**
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- XLVII. **Dual Function of Nitric Oxide in Carcinogenesis, Reappraisal**
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- XLVIII. **Effect of butylated hydroxytoluene (E321) pretreatment versus L-arginine on liver injury after sub-lethal dose of endotoxin administration**
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- XLIX. **ASSOCIATION BETWEEN XRCC1 ARG399GLN AND P53 ARG72PRO POLYMORPHISMS AND THE RISK OF GASTRIC AND COLORECTAL CANCER IN TURKISH POPULATION**
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- L. **Human papilloma virus persistence and neopterin, folate and homocysteine levels in cervical dysplasias**
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- LI. **NanoLINEN: Nanotoxicology Link Between India and European Nations**
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- LIV. **Oxidative Stress, Helicobacter pylori, and OGG1 Ser326Cys, XPC Lys939Gln, and XPD Lys751Gln Polymorphisms in a Turkish Population with Colorectal Carcinoma**
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- LV. **Influence of surgical trauma on neopterin concentrations in gastric carcinoma patients**
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- LVI. **Aflatoxin levels in wheat samples consumed in some regions of Turkey**
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- LVII. **Aflatoxin M1 levels in commonly consumed cheese and yogurt samples in Ankara, Turkey**
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- LVIII. **Evaluation of pteridine metabolism in battery workers chronically exposed to lead**
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- LIX. **Assessment of aflatoxin M1 levels in milk in Ankara, Turkey**
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- LX. **Aflatoxin and ochratoxin in various types of commonly consumed retail ground samples in Ankara, Turkey**
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- LXI. **Effect of ionizing radiation on the pteridine metabolic pathway and evaluation of its cytotoxicity in exposed hospital staff**
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- LXII. **Effect of aluminum exposure on pteridine metabolism**
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- LXIII. **Neopterin profile to evaluate the effectiveness of treatment in aggressive periodontitis**
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- II. **MicroRNAs as Epigenetic Regulators of Obesity**
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- III. **Preface to the Second Edition**
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- IV. **Next-Cell Hypothesis: Mechanism of Obesity-Associated Carcinogenesis**
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Metrikler

Yayın: 134

Atıf (WoS): 1506

Atıf (Scopus): 2065

H-İndeks (WoS): 20

H-İndeks (Scopus): 25

Akademi Dışı Deneyim

Hacettepe Üniversitesi, Eczacılık Fakültesi, F. Toksikoloji A.B.D.