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Education Information

Postgraduate, Pamukkale University, Institute Of Science, Turkey 2015 - 2016

Undergraduate, Pamukkale University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2008 - 2013

Research Areas

Biochemistry, Microbiology, Molecular Biology and Genetics

Academic Titles / Tasks

Research Assistant, Kocaeli University, Fen Edebiyat Fakültesi, Biyoloji, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Thermostable alkaline protease from *Scytalidium thermophilum*: production, purification, and biochemical characterization**
Yüzügüllü Karakuş Y., Kale Bakır E., İnci G. S., Mansurov B.
BIOCATALYSIS AND BIOTRANSFORMATION, vol.41, pp.380-394, 2023 (SCI-Expanded)
- II. **Synthesis and initial evaluation of efficacy of olean-12-en-28-ol, 3 beta-pentacosanoate for the symptomatic treatment of multiple sclerosis**
ŞEN A., ŞENOL H., Acar O. O., Kale E., DAĞ A., TOPÇU G.
FEBS OPEN BIO, vol.9, pp.74, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. Yüzügüllü Karakuş Y., Kale E., Acemi A., Mansurov B.
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.25, no.1, pp.22-32, 2022 (ESCI)
- II. **Application of Aqueous Two-Phase System to the Purification of Persimmon Polyphenol Oxidase**
KALE E., YÜZÜGÜLLÜ KARAKUŞ Y.
Open Access Journal of Microbiology & Biotechnology, vol.7, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Thermal characterization of polyphenol oxidase from persimmon**
KALE E., TÜRKER KAYA S., YÜZÜGÜLLÜ KARAKUŞ Y.
International Marmara Sciences Congress (Imascon Spring 2022), Kocaeli, Turkey, 13 May 2022, pp.493-498
- II. **Characterization of Human CYP450 Isozymes Responsible For The In Vitro Oxidative Metabolism of Mesalamine Used For Colitis.**
KALE E., ŞEN A.
Innovations in Science and Education, 20 March 2019, vol.7, pp.753-759
- III. **Anti-inflammatory effects of UA and OPC isolated from Capparis ovata,**
KALE E., ÖZGÜN ACAR Ö., alfa h. a., GAZİOĞLU I., TOPÇU G., ŞEN A.
7th International Congress of the Molecular Biology Association of Turkey, 27 - 29 September 2019
- IV. **Anticarcinogenic effect a novel alkaloid: 1H-indole-2-hydroxy, 3 carboxylic acid**
ÖZGÜN ACAR Ö., KALE E., oruç h., GAZİOĞLU I., TOPÇU G., ŞEN A.
7th International Congress of the Molecular Biology Association of Turkey, 27 - 29 September 2019
- V. **A Toxicogenomic approach for evaluation of the nongenotoxic effects of Caper (Capparis ovata).**
KALE E., ÖZGÜN ACAR Ö., ÇELİK TURGUT G., ŞAHİN B., ŞEN A.
6th International Congress of the Molecular Biology Association of Turkey, 5 - 08 September 2018
- VI. **Initial screening the anti-inflammatory effect of Thymbra capitata (L.) Cav. essential oil in Caco-2 cells**
KALE E., SEMİZ A., SEMİZ G., KOCABIYIK K., ŞEN A.
The 4th International Symposium on EuroAsian Biodiversity, 3 - 06 July 2018
- VII. **Comparative evaluation of the anti-inflammatory effect of 5-Aminosalicylic acid in Caco-2 and HepG2 cell line**
KALE E., ÖZGÜN ACAR Ö., sandal f., ŞEN A.
5th International Congress of the Molecular Biology Association of Turkey, 7 - 10 September 2017
- VIII. **In vitro investigation of the role of Cytochrome P4503A4 in 5-Aminosalicylic acid metabolism**
KALE E., ÖZGÜN ACAR Ö., ŞEN A.
5th International Congress of the Molecular Biology Association of Turkey, 7 - 10 September 2017
- IX. **In vitro investigation of the role of Cytochrome P4503A4 in 5-Aminosalicylic acid metabolism**
KALE E., ÖZGÜN ACAR Ö., ŞEN A.
5th International Congress of the Molecular Biology Association of Turkey, 7 - 10 September 2017
- X. **Identification of the Cytochrome P4502D6 in the Metabolism of 5-Aminosalicylic Acid: in vitro Investigations of Potential Co-Prescription Interactions'**
KALE E., ŞEN A.
The 3rd International Symposium on EuroAsian Biodiversity, 5 - 08 July 2017, pp.484
- XI. **Regulation of the Both Anti-Inflammatory and Inflammatory Cytokines Expression by 5-Aminosalicylic Acid in Caco-2 Cells**
KALE E., BOZAĞAÇ N., ŞEN A.
The 3rd International Symposium on EuroAsian Biodiversity, 5 - 08 July 2017
- XII. **In vitro investigaton of anti-cancer effect of Pinus nigra Arnold subsp pallasiana (Lamb.) Holmboe essential oil in neuroblastoma cells (SH-SY5Y)**
SEMİZ A., ÇELİK TURGUT G., SEMİZ G., KALE E., ŞEN A.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, 3 - 08 September 2016, vol.283, pp.257

Supported Projects

YÜZÜGÜLLÜ KARAKUŞ Y., ACEMİ A., TÜRKER KAYA S., KALE BAKIR E., Project Supported by Higher Education Institutions, Mycothermus thermophilus katalaz enzim aktivitesinin arttırılması, 2023 - Continues
YÜZÜGÜLLÜ KARAKUŞ Y., KALE BAKIR E., Project Supported by Higher Education Institutions, Mycothermus

thermophilus KatalazFenol Oksidazının KATFO Çeşitli Kansere Hücre Hatlarındaki Etkinliğinin Araştırılması, 2023 -
Continues

Yüzügüllü Karakuş Y., Kale Bakır E., Deveci A., Aksoy Ö., Varol N., TÜBİTAK Project, Meme Kanseri Hücrelerinde
Mycothermus thermophilus Kaynaklı Katalaz-Fenol Oksidazın Fenolik Bileşiklerle Potansiyel Kombin Terapötik Etkisinin
In vitro İncelenmesi, 2023 - 2024

YÜZÜGÜLLÜ KARAKUŞ Y., Alimudin J., KALE E., Project Supported by Higher Education Institutions, Eisenia foetida
sölmik sıvısının meme kanseri hücreleri üzerine koruyucu etkisinin belirlenmesi, 2022 - 2023

YÜZÜGÜLLÜ KARAKUŞ Y., ACEMİ A., KALE E., MANSUROV B., Project Supported by Higher Education Institutions, Gündüz
Sefası Ipomoea purpurea Bitkisinden Polifenol Oksidaz Enziminin Saflaştırılması, 2021 - 2022

Metrics

Publication: 16

Citation (WoS): 2

H-Index (WoS): 1