

## Personal Information

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## Education Information

Doctorate, Atatürk Üniversitesi, Eczacılık Fakültesi, Farmakognozi, Turkey 2007 - 2011

## Dissertations

Doctorate, Bazı Origanum Türleri Üzerinde Farmakognozik Araştırmalar, Atatürk Üniversitesi, Eczacılık Fakültesi, Farmakognozi, 2011

Post Graduate, Origanum acutidens Üzerinde Farmakognozik Araştırmalar, Atatürk Üniversitesi, Eczacılık Fakültesi, Farmakognozi, 2006

## Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy, Pharmaceutical Botany

## Academic Titles / Tasks

Assistant Professor, Atatürk Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 2018 - Continues

Assistant Professor, Atatürk Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 2013 - 2018

## Professional Experience

Head of Department, Atatürk Üniversitesi, 2011 - Continues

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Phosphodiesterase-1 inhibitory potential of several natural products by molecular docking approach**  
Rauf A., Raza M., Saleem M., ERDOĞAN ORHAN İ., ÖZGEN U., SEZEN KARAOĞLAN E., RENDA G., PALASKA E.  
PHYTOCHEMISTRY LETTERS, vol.30, pp.356-361, 2019 (Journal Indexed in SCI)
- **Eremurus spectabilis, Rich Source of Isoorientin: Isolation, Quantification and Anti-Cancer Activity on SH-SY5Y Neuroblastoma Cells**  
SEZEN KARAOĞLAN E., GÜNDOĞDU G., SEÇME M., ŞENOL O., DEMİRKAYA MİLOĞLU F., DODURGA Y., TÜFEKÇİ A. R.  
Current Pharmaceutical Analysis, vol.14, pp.578-585, 2018 (Journal Indexed in SCI)
- **Gastroprotective and antioxidant effects of Eremurus spectabilis Bieb. methanol extract and its isolated component isoorientin on indomethacin induced gastric ulcers in rats**  
Karaoglan E., ALBAYRAK A., KUTLU Z., BAYIR Y.  
ACTA CIRURGICA BRASILEIRA, vol.33, pp.609-618, 2018 (Journal Indexed in SCI)
- **Carbonic Anhydrase and Urease Inhibitory Potential of Various Plant Phenolics Using in vitro and in silico Methods**  
RAUF A., RAZA M., SALEEM M., ÖZGEN U., Karaoglan E., RENDA G., PALASKA E., Orhan I. E.  
CHEMISTRY & BIODIVERSITY, vol.14, 2017 (Journal Indexed in SCI)

- **Phytochemical studies on *Origanum rotundifolium***  
SEZEN KARAOĞLAN E., ÖZGEN U., KAZAZ C.  
Bangladesh Journal Of Pharmacology, 2017 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- **Biodiversity and Urban Gardens: Medicinal and Aromatic Plants That Can Used In Erzurum (Turkey) Urban Gardens**  
DEMİRCAN N., SEZEN I., SEZEN KARAOĞLAN E.  
Mimarlık Bilimleri ve Uygulamaları Dergisi (MBUD), vol.3, pp.81-88, 2018 (Other Refereed National Journals)
- **Erzurum'da Yetiştirilen ve Halk Arasında Tıbbi Önemi Olan Bazı Bitki Türleri**  
SEZEN KARAOĞLAN E., ŞENGÜL KÖSEOĞLU M., ÖZTÜRK M., KAYA G.  
Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, 2018 (Other Refereed National Journals)
- **Investigation of the Anticancer Mechanism of Isoorientin Isolated from *Eremurus Spectabilis* Leaves via Cell Cycle Pathways in HT-29 Human Colorectal Adenocarcinoma Cells**  
GÜNDOĞDU G., DODURGA Y., ELMAS L., YILMAZ TAŞCI Ş., SEZEN KARAOĞLAN E.  
The Eurasian Journal of Medicine, 2018 (Refereed Journals of Other Institutions)
- **Determination of  $\beta$ -Sitosterol in *Alchemilla caucasica* Buser by GC-MS Method**  
SEZEN KARAOĞLAN E., YILMAZ B.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, pp.149-157, 2018 (Other Refereed National Journals)
- **Identification of bioactive compounds of *alchemilla caucasica* using gas chromatography-mass spectrometry**  
SEZEN KARAOĞLAN E., YILMAZ B.  
International Journal of Pharmacognosy, vol.5, pp.287-293, 2018 (Refereed Journals of Other Institutions)
- **Erzurum'da Yetiştirilen ve Halk Arasında Tıbbi Önemi Olan Bazı Bitki Türleri**  
SEZEN KARAOĞLAN E., ŞENGÜL KÖSEOĞLU M., ÖZTÜRK m., KAYA G.  
Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, vol.8, pp.224-239, 2018 (Other Refereed National Journals)
- **Phytochemical Studies on *Origanum acutidens***  
SEZEN KARAOĞLAN E., ÖZGEN U., KAZAZ C.  
International Journal of Medicine and Pharmacy, 2017 (Refereed Journals of Other Institutions)
- **Isolation and Neuroprotective Effect of [4(3,4-Dihydroxybenzoyloxymethyl)PhenylB-DGlucopyranoside] from *Origanum micranthum* on In Vitro Glutamate Toxicity Model of Sprague Dawley Rat Cortex Neurons**  
SEZEN KARAOĞLAN E., Taghizadehghalehjoughi A., ÖZGEN U., HACİMÜFTÜOĞLU A.  
American Journal of Phytomedicine and Clinical Therapeutics, 2017 (Refereed Journals of Other Institutions)

## Book & Book Chapters

- **in: Doğum Öncesi Dönem II**  
SEZEN KARAOĞLAN E., ÖZGEN U.  
Gebelikte Bitkisel Ürünlerin ve Tıbbi Çayların Kullanımı, , Editor, İstanbul Tıp Kitabevi, 2018
- **in: FFD MONOGRAFLARI BİTKİLER VE ETKİLERİ**  
SEZEN KARAOĞLAN E.  
Hydrastis canadensis, , Editor, Akademisyen Kitapevi, 2017
- **in: FFD MONOGRAFLARI BİTKİLER VE ETKİLERİ**  
ÖZGEN U., SEZEN KARAOĞLAN E.  
Origanum vulgare, , Editor, Akademisyen Yayınevi, 2017
- **in: FFD MONOGRAFLARI BİTKİLER VE ETKİLERİ**  
SEZEN KARAOĞLAN E.  
Eurycoma longifolia, , Editor, Akademisyen Kitapevi, 2017

## Refereed Congress / Symposium Publications in Proceedings

- **ISOLATION OF SECONDARY METABOLITES FROM WIEDEMANNIA MULTIFIDA (L.) BENTHAM**  
ÖZGEN U., SEZEN KARAOĞLAN E., KECİLIOĞLU A., GUL C. B.  
3rd INTERNATIONAL CONFERENCE ON NATURAL PRODUCTS UTILIZATION, 18 - 21 October 2017
- **Phytochemical Screening of Alcea pallida via GC-MS Method**  
ŞENOL O., SEZEN KARAOĞLAN E.  
DRD 2017, 5 - 07 October 2017
- **Tyrosinase Inhibitory Effect Studies on the Aerial Parts of Alchemilla caucasica**  
SEZEN KARAOĞLAN E., ÖZGEN U.  
International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017
- **Determination of Antioxidant Capacity of water Extract of Aronia melanocarpa Fruits by CUPRAC and FRAP Methods, International Biochemistry Congress,**  
KUTLU Z., SEZEN KARAOĞLAN E., HAYTA B., GÜLABOĞLU M.  
International Biochemistry Congress Erzurum/Turkey, 19 - 23 September 2017
- **Biodiversity and Urban Gardens: Erzurum Turkey Medicinal and Aromatic Plants Used Urban Garden**  
SEZEN I., DEMİRCAN N., SEZEN KARAOĞLAN E.  
Ecology Symposium 2017 Erciyes University Kayseri TURKEY, 11 - 13 May 2017
- **Nigella sativa reduces paracetamol induced nephrotoxicity and oxidative stress in rats biochemical evaluation**  
CANAYAKIN d., BAYIR Y., KILIÇ BAYGUTALP N., SEZEN KARAOĞLAN E., ATMACA h. t. , ÖZGERİŞ F. B. , KELEŞ M. S. , HALICI Z.  
41th FEBS Congress, Aydın, Turkey, 3 - 08 September 2016
- **Nigella sativa reduces paracetamol induced nephrotoxicity and oxidative stress in rats biochemical evaluation**  
CANAYAKIN D., BAYIR Y., KILIÇ BAYGUTALP N., SEZEN KARAOĞLAN E., ATMACA H. T. , ÖZGERİŞ F. B. , KELEŞ M. S. , HALICI Z.  
FEBS 2016/TKUŞADASI/TÜRKİYE, 3 - 08 September 2016

## Supported Projects

SEZEN KARAOĞLAN E., BAYIR Y., ALBAYRAK A., Project Supported by Higher Education Institutions, Alchemilla caucasica Buser Türü Üzerinde Farmakognozik Araştırmalar ve Sıçanlarda İndometazin İle İndüklenen Ülser Modelinde Koruyucu Etkilerinin Araştırılması, 2018 - 2019

KADIOĞLU Y., POLAT B., ÖZBEK H., ATİLA A., SEZEN KARAOĞLAN E., YAMAN M. E. , BAYIR Y., PALABIYIK Ş. S. , BİLGİNER S., Project Supported by Higher Education Institutions, Eczacılık Fakültesi Bilimsel Araştırma Destek Projesi, 2018 - 2019

GÜVEN L., SEZEN KARAOĞLAN E., ÖZGEN U., Project Supported by Higher Education Institutions, Rosa pimpinellifolia çiçek petallerinin tirozinaz enzimi inhibitör aktivitesi, 2018 - 2018

ŞENOL O., KOÇAK Ö. F. , SEZEN KARAOĞLAN E., GÜNDOĞDU G., KADIOĞLU Y., YAMAN M. E. , Project Supported by Higher Education Institutions, "ERZURUM BÖLGESİNDE YETİŞEN RHEUM RİBES L. BİTKİSİNDE ANTİOKSİDAN AKTİVİTE, PARIETİN TAYİNİ VE PARIETİN MARUZİYETİ SONRASI İNSAN KOLON ADENOKANSERİ HT-29 HÜCRE DİZİNİNDE HÜCRE CANLILIĞININ BELİRLENMESİ", 2016 - 2017

SEZEN KARAOĞLAN E., Project Supported by Higher Education Institutions, "ORİGANUM MİCRANTHUM ÜZERİNDE FİTOKİMYASAL VE NÖROPROTEKTİF ETKİ ÇALIŞMALARI", 2016 - 2017

SEZEN KARAOĞLAN E., Project Supported by Higher Education Institutions, ERAMURUS SPECTABILIS ÜZERİNDE FARMAKOGNOZİK ARAŞTIRMALAR, 2014 - 2016

## Citations

Total Citations (WOS):5

h-index (WOS):1

