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International Researcher IDs

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Publons / Web Of Science ResearcherID: R-8111-2018

ScopusID: 57215089145

Yoksis Researcher ID: 230249

Education Information

Doctorate, Ankara University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, Turkey 2014 - 2020

Postgraduate, Azerbaijan Tıp Üniversitesi, Eczacılık, Farmasötik Kimya, Azerbaijan 2009 - 2011

Undergraduate, Azerbaijan Tıp Üniversitesi, Eczacılık, Azerbaijan 2004 - 2008

Certificates, Courses and Trainings

Other, Ependorf Pipet Semineri, Eczacılık fakültesi, 2015

Occupational Health and Safety, İş sağlığı ve Güvenliği Eğitimi, Erciyes Üniversitesi, 2015, ERSEM, 2015

Dissertations

Doctorate, YENİ BAZI İNDOL TÜREVİ BİLEŞİKLERİN SENTEZİ VE BİYOLOJİK ETKİLERİNİN DEĞERLENDİRİLMESİ, Ankara University, Institute Of Health Sciences, 2020

Postgraduate, Polimetin boyar maddeler eldesi ile çok komponentli preparatlarda nikotinamidin tayini, Azerbaijan Tıp Üniversitesi, Eczacılık Fakültesi, Farmasotik Kimya Abd., 2011

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Lecturer PhD, Erciyes University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2015 - 2021

Academic and Administrative Experience

Erciyes University, 2015 - Continues

Courses

Farmasötik Kimya I Lab, Undergraduate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019

Bitirme Projesi II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Farmasötik Kimya I, Undergraduate, 2022 - 2023, 2021 - 2022

Farmasötik Kimya II Lab, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Farmasötik Kimya II, Undergraduate, 2021 - 2022

Kütle Spektroskopisi, Postgraduate, 2021 - 2022

Bitirme Projesi I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **New benzimidazole-oxadiazole derivatives: Synthesis, α -glucosidase, α -amylase activity, and molecular modeling studies as potential antidiabetic agents**
ACAR ÇEVİK U., ÇELİK İ., PASHAYEVA L., FATULLAYEV H., BOSTANCI H. E., ÖZKAY Y., KAPLANCIKLİ Z. A.
Archiv der Pharmazie, vol.356, no.5, 2023 (SCI-Expanded)
- II. **Chemical composition and biological activity of the essential oil from *Eryngium kotschy* Boiss.**
PASHAYEVA L., Karadeli H., Ulukus D., FATULLAYEV H., Tugay O.
Journal of Essential Oil-Bearing Plants, vol.26, no.4, pp.1055-1066, 2023 (SCI-Expanded)
- III. **Chemical Composition, in vitro Antioxidant, and Antidiabetic Potential of Essential Oil from Flowers of *Rhaponticoides iconiensis***
Pashayeva L., Fatullayev H., Ersoy M., Karaboğa Arslan A. K., Tugay O.
JOURNAL OF ESSENTIAL OIL-BEARING PLANTS, vol.25, no.6, pp.1281-1288, 2022 (SCI-Expanded)
- IV. **Evaluation of the Chemical Composition, Antioxidant and Antidiabetic Activity of *Rhaponticoides iconiensis* Flowers: Effects on Key Enzymes Linked to Type 2 Diabetes In Vitro, In Silico and on Alloxan-Induced Diabetic Rats In Vivo.**
Paşayeva L., Fatullayev H., Celik I., Unal G., Bozkurt N. M., Tugay O., Abdellattif M. H.
Antioxidants (Basel, Switzerland), vol.11, no.11, 2022 (SCI-Expanded)
- V. **Quantum mechanical, virtual screening, molecular docking, molecular dynamics, ADME and antimicrobial activity studies of some new indole-hydrazone derivatives as potent agents against *E. faecalis***
EROL M., ÇELİK İ., İNCE U., FATULLAYEV H., UZUNHİSARCIKLİ E., PÜSKÜLLÜ M. O.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.17, pp.8112-8126, 2022 (SCI-Expanded)
- VI. **Assessment of the antioxidant and enzyme inhibition activities of *Cousinia iconica* with focus on phytochemical investigation by LC-MS/MS**
Pasayeva L., Eruygur N., Ayaz F., Tugay O., Fatullayev H.
PLANT BIOSYSTEMS, vol.155, no.6, pp.1178-1188, 2021 (SCI-Expanded)
- VII. **Screening of different fruit extracts from *Viburnum opulus* L. as inhibitors of key enzymes linked to type 2 diabetes and antioxidants: a comparative evaluation**
PASAYEVA L., Kararenk A. C., FATULLAYEV H.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.15, no.5, pp.4403-4410, 2021 (SCI-Expanded)
- VIII. **Hypoglycemic, antioxidant, antimicrobial activities and phytochemical analyses of *Rhaponticoides iconiensis* leafy stem extracts**
Pasayeva L., İnce U., Fatullayev H., Ceylan C., Tugay O.
VEGETOS : INTERNATIONAL JOURNAL OF PLANT RESEARCH, vol.34, no.1, pp.592-599, 2021 (SCI-Expanded)
- IX. **Potential enzyme inhibitory properties of extracts and fractions from fruit latex of *Ficus carica*-based on inhibition of α -amylase and α -glucosidase**

PASAYEVA L., Ozalp B., FATULLAYEV H.

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.14, no.5, pp.2819-2827, 2020 (SCI-Expanded)

- X. **Antimicrobial and antiproliferative activity studies of some new quinoline-3-carbaldehyde hydrazone derivatives**
PÜSKÜLLÜ M. O., ÇELİK İ., EROL M., FATULLAYEV H., UZUNHİSARCIKLİ E., Kuyucuklu G.
Bioorganic Chemistry, vol.101, 2020 (SCI-Expanded)
- XI. **CYTOTOXIC AND PHYTOCHEMICAL INVESTIGATION OF COUSINIA ERMENEKENSIS HUB.-MOR**
PASAYEVA L., DEMİRPOLAT E., FATULLAYEV H., TUGAY O.
FARMACIA, vol.68, no.3, pp.521-525, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Phytochemical composition and cytotoxic activity of four Cousinia Species against human hepatocellular carcinoma (HepG2) cell line**
Pasayeva L., Demirpolat E., Fatullayev H., Tugay O.
Phytomedicine Plus, vol.1, no.4, pp.1-7, 2021 (Peer-Reviewed Journal)
- II. **HPLC-PDA DETERMINATION OF PSEUDO TARAXASTEROL (Ψ -TARAXASTEROL) IN DIFFERENT COUSINIA SPECIES**
Pasayeva L., Fatullayev H., Kılıç Ş., Üstün O., Tugay O.
JOURNAL OF HEALTH SCIENCES, vol.30, no.1, pp.17-20, 2020 (Scopus)
- III. **In vitro antioxidant capacity and phytochemical characterization of Eryngium kotschy Boiss.**
Paşayeva L., Köngül Şafak E., Arigün T., Fatullayev H., Tugay O.
Journal of Pharmacy & Pharmacognosy Research, vol.8, no.1, pp.18-31, 2020 (ESCI)
- IV. **In vitro antioxidant capacity and phytochemical characterization of Eryngium kotschy Boiss**
PASAYEVA L., Safak E., Arigun T., FATULLAYEV H., Tugay O.
JOURNAL OF PHARMACY & PHARMACOGNOSY RESEARCH, vol.8, no.1, pp.18-31, 2020 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Cytotoxic Effects of Eryngium kotschy Boiss. Extracts on HepG2 Cell Line**
PASAYEVA L., KARABOĞA ARSLAN A. K., FATULLAYEV H., TUGAY O.
I. Uluslararası Bitki Biyolojisi Kongresi, Konya, Turkey, 10 - 12 May 2018
- II. **GEÇMİŞTEN GÜNÜMÜZE ÜZERLİK TOHUMLARININ TIBBİ KULLANIMI**
PASAYEVA L., FATULLAYEV H.
XII TÜRK ECZACILIK TARİHİ TOPLANTISI, Eskişehir, Turkey, 1 - 03 June 2016, pp.106-107
- III. **FRAGMENT-BASED APPROACHES IN DRUG DISCOVERY**
FATULLAYEV H., PÜSKÜLLÜ M. O., PAŞAYEVA L.
1st International Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.201
- IV. **Cytotoxic and antitumor compounds from the genus Laurencia**
PAŞAYEVA L., KÖNGÜL E., FATULLAYEV H.
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015, vol.26
- V. **New agents for cancer treatment approved by FDA in 2011-2014 years**
FATULLAYEV H., PAŞAYEVA L.
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015, vol.26

Supported Projects

PASHAYEVA L., FATULLAYEV H., Project Supported by Higher Education Institutions, Cousinia ermenekensis HUBMOR bitkisinin bazı biyolojik etkilerinin araştırılması, 2022 - 2023

PASHAYEVA L., KÖNGÜL E., KARABOĞA ARSLAN A. K., FATULLAYEV H., AYCAN M. B., TUGAY O., Project Supported by Higher Education Institutions, Taraxacum farinosum Hausskn Bornm ve Taraxacum mirabile Wagenitz ekstraktlarının amilaz ve glikozidaz inhibitör aktiviteleri ve insülin sekresyonuna etkilerinin pankreatik beta hücreleri TC6da araştırılması, 2019 - 2022

Püsküllü M. O., Erol M., Çelik İ., Fatullayev H., Project Supported by Higher Education Institutions, Yeni Bazı Kinolin 3-Karbaldehit Hidrazon Türevlerinin Sentezi Yapılarının Aydınlatılması Antimikrobiyal Etkilerinin Değerlendirilmesi ve Moleküler Docking Çalışmaları, 2019 - 2020

Erol M., Arpacı Ö., Püsküllü M. O., Çelik İ., Fatullayev H., Hızlısoy H., Project Supported by Higher Education Institutions, Bazı Yeni Benzoksazol Türevi Bileşiklerin Sentezi, Moleküler Docking Çalışmaları ve Antimikrobiyal Etkilerinin Değerlendirilmesi, 2019 - 2020

PÜSKÜLLÜ M. O., ÇELİK İ., FATULLAYEV H., Project Supported by Higher Education Institutions, Yeni Bazı Kinolin 3-Karbaldehit Hidrazon Türevlerinin Sentezi, 2019 - 2019

EROL M., ÇELİK İ., FATULLAYEV H., Project Supported by Higher Education Institutions, Bazı Yeni 2-Merkapto Pirimidin Türevlerinin Sentezi, 2019 - 2019

PASHAYEVA L., KARABOĞA ARSLAN A. K., FATULLAYEV H., TUGAY O., Project Supported by Higher Education Institutions, Cousinia iconica Hub.-Mor. Bitkisinin Kimyasal İçeriğinin Belirlenmesi ve in vitro Sitotoksik Etkisinin Araştırılması, 2018 - 2019

Fatullayev H., Tekiner Güllübaş P. B., Project Supported by Higher Education Institutions, Yeni Bazı İndol Türevi Bileşiklerin Sentezi Ve Biyolojik Aktivitelerinin Değerlendirilmesi, 2017 - 2019

KARABOĞA ARSLAN A. K., PASAYEVA L., FATULLAYEV H., TUGAY O., Project Supported by Higher Education Institutions, TÜRKİYEDE YETİŞEN Eryngium billardieri Delar. BİTKİSİNİN KİMYASAL İÇERİĞİ ile SİTOTOKSİSİTESİNİN MCF7 ve HepG2 HÜCRE HATLARINDA ARAŞTIRILMASI, 2017 - 2018

DOĞAN Ş. D., FATULLAYEV H., Project Supported by Higher Education Institutions, Siklik Sulfonamid Sultam Türevi Bileşiklerin Sentezi için Ön Çalışmalar, 2015 - 2016

Metrics

Publication: 20
Citation (WoS): 63
Citation (Scopus): 65
H-Index (WoS): 5
H-Index (Scopus): 5

Congress and Symposium Activities

1st International Gazi Pharma Symposium Series, Attendee, Antalya, Turkey, 2015
1st International Conference on Natural Products for Cancer Prevention and Therapy, Attendee, İstanbul, Turkey, 2015
XI. Türk Eczacılık Tarihi Toplantısı, Attendee, Kayseri, Turkey, 2014