

Prof. HAKAN SÖYÜT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAE-6795-2019

ScopusID: 23502381000

Yoksis Researcher ID: 18665

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 2003 - 2006

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Fizikokimya (YI) (Tezli), Turkey 1999 - 2003

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Bayburt University, Bayburt Faculty Of Education, Department Of Basic Education, 2015 - 2018

Assistant Professor, Bayburt University, Bayburt Faculty Of Education, Department Of Basic Education, 2009 - 2015

Courses

Genel Kimya III (2009), Undergraduate, 2009 - 2010

Genel Kimya Lab.I (2009), Undergraduate, 2009 - 2010

Advising Theses

SÖYÜT H., Çipura (*Sparus aurata*) balığının karaciğer, solungaç ve böbrek dokularından karbonik anhidraz enziminin saflaştırılması, karakterizasyonu ve bazı metal iyonlarının enzim aktivitesi üzerine etkilerinin incelenmesi, Doctorate, E.DUYGU(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Influence of the enzymatic and the chemical oxidative polymerization of trifluoromethyl-substituted aromatic diamine on thermal and photophysical properties**
SÖYÜT H., KOLCU F., KAYA İ., Yaşar A. Ö.
Polymers for Advanced Technologies, vol.34, no.4, pp.1293-1306, 2023 (SCI-Expanded)
- II. **An in vitro Study: Inhibitory Effect of Carfilzomib on Human Serum Paraoxonase-1 (hPON1)**
SÖYÜT H.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.18, no.3, pp.522-526, 2022 (SCI-Expanded)
- III. **In vitro inhibitory effects of palonosetron hydrochloride, bevacizumab and cyclophosphamide on purified paraoxonase-I (hPON1) from human serum**
Turkes C., SÖYÜT H., Beydemir S.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.42, pp.252-257, 2016 (SCI-Expanded)
- IV. **Human serum paraoxonase-1 (hPON1): in vitro inhibition effects of moxifloxacin hydrochloride, levofloxacin hemihidrate, cefepime hydrochloride, cefotaxime sodium and ceftizoxime sodium**
Turkes C., SÖYÜT H., Beydemir S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.4, pp.622-628, 2015 (SCI-Expanded)
- V. **The toxicological impacts of some heavy metals on carbonic anhydrase from gilthead sea bream (Sparus aurata) gills**
Kaya E. D., SÖYÜT H., Beydemir S.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.39, no.2, pp.825-832, 2015 (SCI-Expanded)
- VI. **Effect of calcium channel blockers on paraoxonase-1 (PON1) activity and oxidative stress**
Turkes C., SÖYÜT H., Beydemir S.
PHARMACOLOGICAL REPORTS, vol.66, no.1, pp.74-80, 2014 (SCI-Expanded)
- VII. **Synthesis and paroxonase activities of novel bromophenols**
Akbaba Y., Turkes C., Polat L., SÖYÜT H., ŞAHİN E., MENZEK A., GÖKSU S., Beydemir S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.5, pp.1073-1079, 2013 (SCI-Expanded)
- VIII. **Carbonic anhydrase activity from the gilthead sea bream (Sparus aurata) liver: The toxicological effects of heavy metals**
Kaya E. D., SÖYÜT H., Beydemir S.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.36, no.2, pp.514-521, 2013 (SCI-Expanded)
- IX. **The impact of heavy metals on the activity of carbonic anhydrase from rainbow trout (Oncorhynchus mykiss) kidney**
SÖYÜT H., Beydemir S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.28, no.4, pp.296-305, 2012 (SCI-Expanded)
- X. **Synthesis and carbonic anhydrase inhibitory properties of novel bromophenols including natural products**
Balaydin H. T., SÖYÜT H., Ekinci D., GÖKSU S., Beydemir S., MENZEK A., ŞAHİN E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.1, pp.43-50, 2012 (SCI-Expanded)
- XI. **Changes in carbonic anhydrase activity and gene expression of Hsp70 in rainbow trout (Oncorhynchus mykiss) muscle after exposure to some metals**
SÖYÜT H., Beydemir S., CEYHUN S. B., ERDOĞAN O., Kaya E. D.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.36, no.5, pp.499-508, 2012 (SCI-Expanded)
- XII. **Effects of some metals on carbonic anhydrase from brains of rainbow trout**
SÖYÜT H., Beydemir S., Hisar O.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.123, pp.179-190, 2008 (SCI-Expanded)
- XIII. **Purification and some kinetic properties of carbonic anhydrase from rainbow trout (Oncorhynchus mykiss) liver and metal inhibition**
SÖYÜT H., Beydemir S.
PROTEIN AND PEPTIDE LETTERS, vol.15, no.5, pp.528-535, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Quantitative Study: Investigation of the Universal Science Literacy Levels of Primary Teacher Candidates According to Some Variables**
TANTAN M., KUTUR K., ASLAN H., KOŞAR B., SÖYÜT H.
INTERNATIONAL ONLINE JOURNAL OF EDUCATIONAL SCIENCES, vol.4, no.14, pp.1058-1074, 2022 (Peer-Reviewed Journal)
- II. **Metaphorical Perceptions of Classroom Teachers regarding the Concept of Science**
KOZAN D., SÖYÜT H.
INTERNATIONAL ONLINE JOURNAL OF EDUCATIONAL SCIENCES, vol.14, no.1, pp.10-20, 2022 (Peer-Reviewed Journal)
- III. **Investigation of Inhibition Effect of Some Chemotherapeutic Drugs on Human Serum Paraoxonase-1 (PON1)**
SÖYÜT H., ULUTAŞ Y., KÖKSAL E.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2022 (Peer-Reviewed Journal)
- IV. **İnsan Serum Paraoksonaz-1 (PON1) Enzim Aktivitesi Üzerine Zoledronik Asit'in İn Vitro İnhibisyon Etkisinin Araştırılması**
SÖYÜT H., ULUTAŞ Y., KÖKSAL E.
Türk Doğa ve Fen Dergisi, vol.9, no.2, pp.185-189, 2020 (Peer-Reviewed Journal)
- V. **Inhibitory Effects of Bendamustine on Human Serum Paraoxonase-1 (hPON1)**
SÖYÜT H., ULUTAŞ Y., KÖKSAL E.
Journal of the Institute of Science and Technology, vol.10, no.3, pp.1833-1838, 2020 (Peer-Reviewed Journal)
- VI. **Inhibition effects of commonly used some antibacterial and antiviral drugs on purified human serum paraoxonase-1 (hPON1)**
SÖYÜT H.
International Journal of Chemistry and Technology, vol.3, no.2, pp.146-150, 2019 (Peer-Reviewed Journal)
- VII. **In vitro inhibitory effects of ofloxacin hydrochloride, ampicillin sodium, cefotaxime sodium, and ceftizoxime sodium on purified paraoxonase-1 (hPON1) from human serum**
SÖYÜT H.
Scholarly Journal of Physical and Applied Chemistry, vol.1, no.1, pp.10-16, 2014 (Peer-Reviewed Journal)
- VIII. **Inhibition Effects of Gemcitabine Hydrochloride, Acyclovir, and 5-Fluorouracil on Human Serum Paraoxonase-1 (hPON1): In Vitro**
TÜRKEŞ C., SÖYÜT H., BEYDEMİR Ş.
Open Journal of Biochemistry, vol.1, no.1, pp.15-24, 2014 (Peer-Reviewed Journal)
- IX. **Carbonic anhydrase affinity purification and kinetic properties from rainbow trout lens**
BEYDEMİR Ş., BÜLBÜL M., HİSAR O., SÖYÜT H., YANIK T.
Int. App. Chem, vol.2, no.1, pp.45-55, 2006 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Assessment of antiradical and anticholinergic effects of wild cherry (Cerasus avium L.) stem**
TOZOĞLU F., IŞIK M., DİKİCİ E., KÖKSAL E., SÖYÜT H., BEYDEMİR Ş.
3rd EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Antalya, Turkey, 04 November 2021, vol.152
- II. **Sınıf Öğretmenlerinin Bilim Kavramına İlişkin Metaforik Algıları**
KOZAN D., SÖYÜT H.
VIII th International Eurasian Educational Research Congress, 07 July 2021
- III. **Investigation of Inhibition Effect of Busulfan and Carfilzomib Chemotherapeutic Drugs on Paraoxonase (PON1) Enzyme Activity**
SÖYÜT H., ULUTAŞ Y., KÖKSAL E.

4th International Conference on Data Science and Applications, Turkey, 4 - 06 June 2021

IV. Investigation of Inhibition Effect of Methotrexate Chemotherapeutic Drug on Paraoxonase (PON1)

Enzyme Activity

SÖYÜT H., ULUTAŞ Y., KÖKSAL E.

International Congress of Engineering and Natural Sciences Studies, Turkey, 7 - 09 May 2021

Metrics

Publication: 48

Citation (WoS): 356

Citation (Scopus): 357

H-Index (WoS): 10

H-Index (Scopus): 10

Non Academic Experience

Bayburt Milli Eğitim Müdürlüğü

Gümüşhane Milli Eğitim Müdürlüğü

Özel Erzincan Güven Dershanesi

Bayburt Milli Eğitim Müdürlüğü

Erzurum Milli Eğitim Müdürlüğü