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Personal Information

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Education Information

Doctorate, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 1998 - 2004

Post Graduate, University of Cincinnati, Fen Bilimleri Enstitüsü, Kimya, United States Of America 1994 - 1997

Under Graduate, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1987 - 1992

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Xanthene-based artificial enzymes and a dimeric calixpyrrole as a chromogenic chemosensor, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Biyokimya (Dr), 2004

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2016 - Continues

Assistant Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2005 - 2016

Academic and Administrative Experience

Deputy Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2016 - 2019

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

- Investigation of the biological and photophysicochemical properties of new non-peripheral fluorinated phthalocyanines**
ÇELİK Ç., Farajzadeh N., Akin M., YAŞA ATMACA G., Sağlam Ö., ŞAKİ N., ERDOĞMUŞ A., Koçak M.
DALTON TRANSACTIONS, vol.50, no.8, 2021 (Journal Indexed in SCI)
- Investigation of tyrosinase enzyme (from mushroom) inhibitory activities and antioxidant**

properties of new fluorine-containing phthalocyanines

Farajzadeh N., Sağlam Ö., Akin M., ŞAKİ N., Koçak M.

ARCHIV DER PHARMAZIE, 2020 (Journal Indexed in SCI)

- III. **The Water-Soluble Peripheral Substituted Phthalocyanines as Corrosion Inhibitors for Copper in 0.1 N HCl: Gravimetric, Electrochemical, SEM-EDS, and Quantum Chemical Calculations**
Akin M., GÜNSEL A., BİLGİÇLİ A. T. , TÜZÜN B., ARABACI G., ŞAKİ N., YARAŞIR M. N.
PROTECTION OF METALS AND PHYSICAL CHEMISTRY OF SURFACES, vol.56, no.3, pp.609-618, 2020 (Journal Indexed in SCI)
- IV. **Investigation of Time-Kill Evaluation and Antioxidant Activities of New Tetra-Substituted Metallophthalocyanines Bearing 4-(Trifluoromethoxy)thiophenyl Groups**
Sağlam Ö., Akin M., Pekbelgin Karaoglu H., ŞAKİ N., Koçak M.
CHEMISTRYSELECT, vol.5, no.8, pp.2522-2527, 2020 (Journal Indexed in SCI)
- V. **Synthesis, Photophysical and Biological Properties of New Phthalocyanines Bearing Peripherally 4-(Trifluoromethoxy)phenoxy Groups**
Farajzadeh N., Pekbelgin Karaoğlu H. R. , Akin M., ŞAKİ N., Koçak M.
CHEMISTRYSELECT, vol.4, no.31, pp.8998-9005, 2019 (Journal Indexed in SCI)
- VI. **Antimicrobial, DPPH scavenging and tyrosinase inhibitory activities of Thymus vulgaris, Helichrysum arenarium and Rosa damascena mill. ethanol extracts by using TLC bioautography and chemical screening methods**
Akin M., ŞAKİ N.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.42, pp.204-216, 2019 (Journal Indexed in SCI)
- VII. **Antimicrobial and antioxidant properties of novel octa-substituted phthalocyanines bearing (trifluoromethoxy)phenoxy groups on peripheral positions**
Farajzadeh N., Pekbelgin Karaoğlu H. R. , Akin M., ŞAKİ N., Koçak M.
JOURNAL OF PORPHYRINS AND PHTHALOCYANINES, vol.23, pp.91-102, 2019 (Journal Indexed in SCI)
- VIII. **Partial Purification and Characterization of Polyphenol Oxidase from the Wild Edible Mushroom Lepiota Procera Using Three-Phase Partitioning**
ŞAKİ N., AKIN M., ALICI E. H. , ARABACI G.
International Journal of Food Engineering, vol.14, 2018 (Journal Indexed in SCI Expanded)
- IX. **Monopropylene glycol based heat transfer fluid: effects of green and synthetic corrosion inhibitors on copper and aluminum with ageing tests**
AKIN M., ŞAKİ N.
ANTI-CORROSION METHODS AND MATERIALS, vol.65, no.1, pp.11-18, 2018 (Journal Indexed in SCI)
- X. **Synthesis and characterization of novel quaternized 2, 3-(diethylmethylamino)phenoxy tetrasubstituted Indium and Gallium phthalocyanines and comparison of their antimicrobial and antioxidant properties with different phthalocyanines**
ŞAKİ N., AKIN M., ATSAY A., PEKBİLGİN KARAOĞLU H., KOÇAK M.
Inorganic Chemistry Communications, vol.95, pp.122-129, 2018 (Journal Indexed in SCI)
- XI. **Zinc and chloroindium complexes of furan-2-ylmethoxy substituted phthalocyanines: preparation and investigation of aggregation, photophysical, singlet oxygen generation, antioxidant and antimicrobial properties**
GUZEL E., ŞAKİ N., AKIN M., NEBİOĞLU M., ŞİŞMAN İ., ERDOĞMUS A., KOÇAK M.
Synthetic Metals, vol.245, pp.127-134, 2018 (Journal Indexed in SCI)
- XII. **Juglans regia L. extract as green inhibitor for stainless steel and aluminium in acidic media**
Akin M., Nalbantoglu S., Cuhadar O., Uzun D., ŞAKİ N.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.2, pp.899-912, 2015 (Journal Indexed in SCI)
- XIII. **Synthesis, characterization and photodynamic activity of a new amphiphilic zinc phthalocyanine**
Guzel E., Atsay A., Nalbantoglu S., ŞAKİ N., Dogan A. L. , Gül A., Koçak M.
DYES AND PIGMENTS, vol.97, no.1, pp.238-243, 2013 (Journal Indexed in SCI)
- XIV. **EFFECTS OF A PORPHYRAZINE DERIVATIVE ON SOME DEVELOPMENTAL CHARACTERISTICS OF**

DROSOPHILA MELANOGASTER

KARATAŞ A., Ertan F., ŞAKİ N., BAŞPINAR E., Sevim A. M. , Gul A.

ACTA BIOLOGICA HUNGARICA, vol.62, no.4, pp.426-440, 2011 (Journal Indexed in SCI)

XV. **Unexpected cyclization of dipyridyl-glycoluril in the presence of formaldehyde and strong acid: A new scaffold with a potential as an anion receptor**

Saki N., Icli B., Cevheroglu O., Akkaya E. U.

JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.55, pp.219-222, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Effect of Glucose Fatty Acid Esters on the Thermal Degradation of Vegetable Based Edible Oils**

ŞAKİ N., AKIN M.

Journal of the Institute of Science and Technology, pp.171-179, 2018 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. **Total Phenolic and Total Flavonoid Content of Russula maculata**

ALICI E. H. , AKIN M., ŞAKİ N., ARABACI G.

INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE2017, İstanbul, Turkey, 13 - 15 September 2017

II. **Antioxidant Enzyme Activity Determination of Lactarius deterrimus**

ALICI E. H. , AKIN M., ŞAKİ N., ARABACI G.

INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE2017, İstanbul, Turkey, 13 - 15 September 2017

III. **The Toxic Effects of Symmetrically Asymmetrically Substituted Phthalocyanine on Drosophila melanogaster**

ŞAKİ N., KARATAŞ A.

International Conference on Chemical, Biological, Medical and Pharmaceutical Sciences, 6 - 07 September 2017

IV. **The toxic effects of SymmetricallyAsymmetrically substituted phthalocyanines on Drosophila melanogaster**

ŞAKİ N., KARATAŞ A.

International Conference on Chemical, Biological, Medical, and Pharmaceutical Sciences (CBMPS-2017), 6 - 07 September 2017

V. **Investigation of inhibitory effect of triazole derivatives on the protease enzymes**

ŞAKİ N., AKIN M., ARABACI G.

international science and technology conference, 13 - 15 July 2016

VI. **Walnut Juglans Regia Extracts Investigation Of Antioxidant Effect Total Phenols And Tyrosinase Inhibitory Activity**

ŞAKİ N.

International Conference on Bioscience, Biochemistry and Bioinformatics, 3 - 05 November 2014

Supported Projects

ŞAKİ N., Project Supported by Higher Education Institutions, 2019- Biyokimya Araştırma Laboratuvarı, 2019 - 2020

ŞAKİ N., Project Supported by Higher Education Institutions, ISPARTA GÜL YAPRAĞI (ROSA DAMASCENA MİLL.)

EKSTRATLARININ GIDALARDA ÜREYEN BAKTERİ TÜRLERİ ÜZERİNE AKTİMİKROBİYAL AKTİVİTELERİNİN

BELİRLENMESİ, 2018 - 2019

ŞAKİ N., Project Supported by Higher Education Institutions, POLİFENOL OKSİDAZ İÇEREN GIDALARIN BİTKİSEL

YAĞLARIN TERMAL STABİLİTELERİ ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI, 2016 - 2017

ŐAKI N., Project Supported by Higher Education Institutions, 3 FARKLI YABANI MANTAR TÜRÜNÜN ANTIOKSİDAN AKTİVİTESİ, TOPLAM FENOL VE FLVONOİD İÇERİKLERİNİN İNCELENMESİ, 2014 - 2015

ŐAKI N., Project Supported by Higher Education Institutions, Triflorometil Keton ve Trifloroaseton Türevi Moleküllerin Sentezi ve Proteaz Enzimi Üzerine İnhibisyon Etkileri? isimli projesinin Proje listesinde yer alan ?Etkinlim Katılım Bütçesi, 2011 - 2013

Citations

Total Citations (WOS):114

h-index (WOS):4