

Lect. PhD ELVAN HASANOĞLU ÖZKAN

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2010 - 2016

Post Graduate, Nigde Omer Halisdemir University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2007 - 2009

Under Graduate, Nigde Omer Halisdemir University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2003 - 2007

Certificates, Courses and Trainings

Occupational Health and Safety, İSG (C Sınıfı), T.C. Çalışma Ve Sosyal Güvenlik Bakanlığı İş Sağlığı ve Güvenliği Genel Müdürlüğü, 2013

Vocational Training, HPLC (High Performance Liquid Chromatography), Gazi Üniversitesi-TÜBİTAK, 2011

Quality Management, GMP(Good Manufacturing Practices), Kimyagerler Derneği, 2009

Vocational Training, Sorumlu Müdürlük Belgesi, Kimyagerler Derneği, 2009

Vocational Training, ISO 9001-ISO 22000-HACCP, Dolunay Akademi Eğitim ve Danışmanlık Hizmetleri Ltd.Şti, 2009

IT, Operatörlük Belgesi/ Milli Eğitim Bakanlığı /Bilgisayar Eğitimi, Ministry of Education, 2006

Dissertations

Doctorate, Ferrosen içeren yeni Pd(II), Pt(II) dendronlarının sentezi ve immobilizasyonda kullanımı, Gazi University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2016

Post Graduate, Schiff bazlarının sentezi, karakterizasyonu ve termal davranışlarının incelenmesi, Nigde Omer Halisdemir University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2009

Research Areas

Chemistry

Academic Titles / Tasks

Lecturer PhD, Gazi University, Fen Fakültesi, Kimya, 2020 - Continues

Lecturer PhD, Ankara Hacı Bayram Veli University, Polatlı Faculty Of Science And Letters, Department Of Chemistry, 2018 - 2020

Lecturer PhD, Gazi University, Polatlı Fen-Edebiyat Fakültesi, Kimya Bölümü, 2016 - 2018

Lecturer, Gazi University, Atatürk Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2013 - 2014

Lecturer, Gazi University, Atatürk Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2013 - 2014

Professional Experience

Coordinator of The Rectorate, Gazi University, Fen Fakültesi, Kimya, 2020 - Continues

Coordinator of The Rectorate, Gazi University, Fen Fakültesi, Kimya, 2020 - Continues

Rectorate Commissioner, Gazi University, Fen Fakültesi, Kimya, 2020 - Continues

Courses

Analytical Chemistry Laboratory, Under Graduate, 2013 - 2014

Analytical Chemistry, Under Graduate, 2013 - 2014

Analytical Chemistry, Under Graduate, 2013 - 2014

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

- I. **Ensuring traceability of organophosphate pesticides (OPs) through enzyme immobilized spheres**
Hasanoğlu Özkan E., Yetim N. K. , Nartop D., Sarı N.
Journal Of The Iranian Chemical Society, vol.18, no.1, pp.1-10, 2021 (Journal Indexed in SCI Expanded)
- II. **Preparation of acetylcholine biosensor for the diagnosis of Alzheimer's disease**
Bodur O. C. , Hasanoğlu Özkan E., Çolak O., Arslan H., Sarı N., Dişli A., Arslan F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1223, 2021 (Journal Indexed in SCI)
- III. **New Nanospheres to Use in the Determination of Imidan Phosmet and Vantex Pesticides**
Karmaz E., HASANOĞLU ÖZKAN E., Yetim N. K. , Sari N.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, 2021 (Journal Indexed in SCI)
- IV. **Preparation of AChE immobilized microspheres containing thiophene and furan for the determination of pesticides by the HPLC-DAD method**
Yetim N. K. , Hasanoğlu Özkan E., Özcan C., Sarı N.
Journal of Molecular Structure, vol.1222, 2020 (Journal Indexed in SCI Expanded)
- V. **Qualitative enzymatic detection of organophosphate and carbamate insecticides**
Nartop D., Hasanoğlu Özkan E., Yetim N. K. , Sarı N.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES, vol.55, pp.951-958, 2020 (Journal Indexed in SCI)
- VI. **Use of immobilized novel dendritic molecules as a marker for the detection of glucose in artificial urine**
Hasanoğlu Özkan E., Sarı N.
Journal of Molecular Structure, vol.1201, 2020 (Journal Indexed in SCI Expanded)
- VII. **Novel polymeric microspheres: Synthesis, enzyme immobilization, antimutagenic activity, and antimicrobial evaluation against pathogenic microorganisms**
Nartop D., Demirel B., Güleç M., Hasanoğlu Özkan E., Yetim N. K. , Sarı N., Çeker S., Öğütçü H., Açar G.
Journal of Biochemical and Molecular Toxicology, vol.34, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Enzyme immobilization on polymeric microspheres containing Schiff base for detection of organophosphate and carbamate insecticides**
Nartop D., Yetim N. K. , Hasanoğlu Özkan E., Sarı N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1200, 2020 (Journal Indexed in SCI)
- IX. **Synthesis, antimicrobial and antimutagenic effects of novel polymeric-Schiff bases including indol**
Nartop D., Hasanoğlu Özkan E., Gündem M., Çeker S., Açar G., Öğütçü H., Sarı N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1195, pp.877-882, 2019 (Journal Indexed in SCI)
- X. **Glucose biosensor based on immobilization of glucose oxidase on a carbon paste electrode modified with microsphere-attached l-glycine**
Donmez S., Arslan F., Sarı N., Hasanoğlu Özkan E., Arslan H.
Biotechnology and Applied Biochemistry, vol.64, pp.745-753, 2017 (Journal Indexed in SCI Expanded)
- XI. **Nanospheres capped Pt(II) and Pt (IV): synthesis and evaluation as antimicrobial and Antifungal**

Agent

Öğütçü H., Yetim N. K. , Hasanoğlu Özkan E., Eren O., Kaya G., Sarı N., Dişli A.

POLISH JOURNAL OF CHEMICAL TECHNOLOGY, vol.19, pp.74-80, 2017 (Journal Indexed in SCI)

XII. EFFICIENT DETERMINATION AND PESTICIDE CONTROL BY MEANS OF IMMOBILIZATION OF ACETYLCHOLINESTERASE

Hasanoğlu Özkan E., Kurnaz Yetim N., Gümüş M., Sarı N., Dişli A.

MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.36, pp.119-128, 2017 (Journal Indexed in SCI)

XIII. Useful agents against aflatoxin B-1 - antibacterial azomethine and Mn(III) complexes involving L-Threonine, L-Serine, and L-Tyrosine

Anar M., Hasanoğlu Özkan E., Öğütçü H., Açar G., Şakıyan İ., Sarı N.

ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, pp.853-858, 2016 (Journal Indexed in SCI)

XIV. Influence of load on the recycling stability of nanospheres attached platinum ion for determination of glucose

Hasanoğlu Özkan E., Kurnaz Yetim N., Nartop D., Sarı N.

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.25, pp.180-185, 2015 (Journal Indexed in SCI)

XV. Immobilization of acetylcholinesterase on Pt(II) and Pt(IV) attached nanoparticles for the determination of pesticides

Hasanoğlu Özkan E., Kurnaz Yetim N., Tümtürk H., Sarı N.

DALTON TRANSACTIONS, vol.44, pp.16865-16872, 2015 (Journal Indexed in SCI)

XVI. Research on the Repeated Use of Novel Ferrocene-Tagged Nanomaterial for Determination of Glucose

Kurnaz Yetim N., Hasanoğlu Özkan E., Daniş B., Tümtürk H., Sarı N.

INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.64, pp.888-893, 2015 (Journal Indexed in SCI)

XVII. Immobilization of glucose oxidase attached to new nanospheres including azomethine

Özdem N., Hasanoğlu Özkan E., Sarı N., Arslan F., Tümtürk H.

MACROMOLECULAR RESEARCH, vol.22, pp.1282-1287, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

I. SYNTHESIS AND ANTIMICROBIAL PROPERTIES OF NEW POLYMERIC MICROSPHERE CONTAINING AZOMETHINE

Ülke E., Hasanoğlu Özkan E., Öğütçü H., Nartop D.

V. International Scientific and Vocational Studies Congress – Science and Health (BILMES SH 2020), no.5, pp.81-86, 2020 (International Conference Book)

II. Synthesis of novel polymers containing Schiff base as potential antimutagenic and antimicrobial agents

Nartop D., Tokmak E., Hasanoğlu Özkan E., Kızıl H. E. , Öğütçü H., Açar G., Allı S.

Journal of Medicinal and Chemical Sciences, vol.3, pp.363-372, 2020 (Refereed Journals of Other Institutions)

III. Evulation of antimutagenic activity of Ni(II) complexes with unsymmetric Schiff bases

NARTOP D., HASANOĞLU ÖZKAN E., KIZIL H. E. , AÇAR G., SARI N.

Düzce University Journal of Science Technology, vol.8, pp.608-616, 2020 (Refereed Journals of Other Institutions)

IV. Evulation of Antimutagenic Activity of Ni(II) Complexes with Unsymmetric Schiff Bases

Nartop D., Hasanoğlu Özkan E., Kızıl H. E. , Açar G., Sarı N.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, pp.608-616, 2020 (National Refreed University Journal)

V. Enzyme Immobilization and Optimization on Polymeric Nanospheres

Yetim N. K. , Hasanoğlu Özkan E., Sarı N.

Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.14, pp.97-104, 2019 (National Refreed University Journal)

- VI. **Anti-genotoxic Effects of Schiff bases and their Mn(III) Complexes Containing L-Aspartic acid and L-Phenylalanine**
HASANOĞLU ÖZKAN E., KIZIL H. E. , ŞAKIYAN İ., NARTOP D., SARI N., AĞAR G.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.2, pp.408-414, 2018 (Journal Indexed in ESCI)
- VII. **New supports for use of Glucose Oxidase enzyme as biocatalysis**
Sarı N., Bağcıacı Z. N. , Kurnaz Yetim N., Hasanoğlu Özkan E., Nartop D.
W. A. Science, Engineering and Technology, vol.78, pp.949-953, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and Antimicrobial Properties of New Polymeric Microsphere Containing Azomethine**
EYÜP Ü., HASANOĞLU ÖZKAN E., ÖĞÜTCÜ H., NARTOP D.
V. BILMES-SH CONGRESS-Online, 12 - 14 December 2020
- II. **A Spectrophotometric Investigation of the interaction between DNA and Anticancer Drug candidate Schiff Bases and their Pt(II) complexes**
Hasanoğlu Özkan E., Çelik S. P. , Açık L., Dişli A., Sarı N.
6th ICNTC, Gazimagusa, Cyprus (Kkct), 17 - 18 October 2020, pp.94
- III. **Preparation of a New Biosensor for Bisphenol A Determination**
Koçak H., BODUR O. C. , HASANOĞLU ÖZKAN E., SARI N., ARSLAN F.
2nd Eurasia Biochemical Approaches Technologies (ebat) congress, 26 - 29 November 2019
- IV. **PREPARATION OF ACETYLCHOLINE BIOSENSOR FOR THE DIAGNOSIS OF ALZHEIMER'S DISEASE**
BODUR O. C. , HASANOĞLU ÖZKAN E., ARSLAN H., SARI N., DIŞLİ A., ARSLAN F.
• International Natural Science Engineering and Material Technologies Conference-NEM 2019, 9 - 10 October 2019
- V. **Polymeric microspheres containing Schiff base: Synthesis, characterization, enzyme immobilization and detection of organophosphate and carbamate insecticides**
NARTOP D., KURNAZ YETİM N., HASANOĞLU ÖZKAN E., SARI N.
Uluslararası Katılımlı Ulusal VII. Anorganik Kimya Kongresi, 2019, Turkey, 19 June 2019
- VI. **Preparation of a new modified carbon paste electrode with hydrogen peroxide sensitive**
BODUR O. C. , HASANOĞLU ÖZKAN E., ARSLAN H., SARI N., DIŞLİ A., ARSLAN F.
1st Eurasia Biochemical Approaches Technologies (ebat) congress, 27 - 30 November 2018
- VII. **PREPARATION OF A NEW MODIFIED CARBON PASTE ELECTRODE FOR ADRENALINE DETERMINATION**
ÇAPAN T., UZUN D., HASANOĞLU ÖZKAN E., SARI N., ARSLAN F., ARSLAN H.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 September 2018
- VIII. **Synthesis, antimicrobial and antimutagenic effects of novel polymeric-Schiff bases including indol**
NARTOP D., HASANOĞLU ÖZKAN E., AĞAR G., ÖĞÜTCÜ H., SARI N.
International Organic Electronic Material Technologies Conference, 2018, 20 September 2018
- IX. **Determination of antimicrobial and antigenotoxic effects of polymeric Schiff base.**
NARTOP D., ÖĞÜTCÜ H., HASANOĞLU ÖZKAN E., ÇEKER S., AĞAR G., SARI N., KURNAZ YETİM N.
International Organic Electronic Material Technologies Conference, 2018, 20 September 2018
- X. **Antimicrobial and antimutagenic activity of polymeric microsphere including azomethine**
NARTOP D., HASANOĞLU ÖZKAN E., ÇEKER S., KURNAZ YETİM N., AĞAR G., ÖĞÜTCÜ H., SARI N.
International Organic Electronic Material Technologies Conference, 2018, 20 September 2018
- XI. **Antimicrobial and antigenotoxic effects of Pt(IV) complex of polymeric Schiff base**
NARTOP D., ÖĞÜTCÜ H., HASANOĞLU ÖZKAN E., KIZIL H. E. , AĞAR G., SARI N., KURNAZ YETİM N.
1st International Balkan Chemistry Congress, 2018, 17 September 2018
- XII. **Antimutagenic effects of polymeric microspheres including Schiff bases**
NARTOP D., HASANOĞLU ÖZKAN E., ÇEKER S., AĞAR G., SARI N., ÖĞÜTCÜ H.
1st International Balkan Chemistry Congress, 2018, 17 September 2018
- XIII. **Determination of organophosphate and carbamate: Acetylcholinesterase immobilization study**

NARTOP D., KURNAZ YETİM N., HASANOĞLU ÖZKAN E., SARI N.

The 4th Symposium on EuroAsian Biodiversity, 2018, 03 June 2018

XIV. **Antimutagenic, antibacterial and antifungal activities of Schiff base attached polymers**

SARI N., NARTOP D., HASANOĞLU ÖZKAN E., KIZIL H. E. , AĞAR G., ÖĞÜTCÜ H.

The 4th Symposium on EuroAsian Biodiversity, 03 June 2018

XV. **Antigenotoxic effects and antimicrobial activities of Pt(IV)-tagged polymer against pathogenic microorganisms**

NARTOP D., HASANOĞLU ÖZKAN E., ÖĞÜTCÜ H., ÇEKER S., SARI N., AĞAR G.

The 4th Symposium on EuroAsian Biodiversity, 2018, 3 - 06 June 2018

XVI. **Immobilization of Acetylcholinesterase on novel polymeric nanospheres for pesticide determination**

NARTOP D., HASANOĞLU ÖZKAN E., KURNAZ YETİM N., SARI N.

The 4th Symposium on EuroAsian Biodiversity, 2018, 03 June 2018

XVII. **In-vitro antimutagenic activities of some Ni(II) unsymmetric Schiff base complexes**

([Ni(C₁₉H₁₄N₂O₃).2H₂O]2.H₂O) and [Ni(C₁₈H₁₁N₂O₃Cl)H₂O]2

KIZIL H. E. , ÖĞÜTCÜ H., NARTOP D., HASANOĞLU ÖZKAN E., AĞAR G.

3rd International Conference on Advances in Natural Applied Science Biology, 2018, 9 - 12 May 2018

Supported Projects

HASANOĞLU ÖZKAN E., Project Supported by Higher Education Institutions, Tetrazol Halkası ve V(III) B Grubu Geçiş Metallerini İçeren Bazı Komplekslerin DNA ile Olan Etkileşimlerinin İncelenmesi ve Antimikrobiyal Aktivitelerinin Belirlenmesi, 2018 - Continues

Sarı N., Dişli A., Açık L., Hasanoğlu Özkan E., Project Supported by Higher Education Institutions, Tetrazol halkası ve V(III) B grubu geçiş metallerini içeren bazı komplekslerin DNA ile olan etkileşimlerinin incelenmesi ve antimikrobiyal aktivitelerinin belirlenmesi, 2018 - 2021

HASANOĞLU ÖZKAN E., Project Supported by Higher Education Institutions, Alzheimer ve Parkinson Gibi Nörodejeneratif Hastalıkların Teşhisi için Asetilkolin ve Dopamin Biyosensörünün Hazırlanması.05/2017-13, 2017 - 2020

HASANOĞLU ÖZKAN E., Project Supported by Higher Education Institutions, Organofosfatlı İnsektisitlerin Kalitatif Tayininde Kullanılmak Üzere Yeni Destek Polimerlerin Hazırlanması. KLÜBAP 165, 2018 - 2018

Sarı N., Nartop D., Yetim N. K. , Hasanoğlu Özkan E., Project Supported by Higher Education Institutions, Pestisit tayinine yönelik yeni polimerin nanokürelerin hazırlanması, 2017 - 2018

HASANOĞLU ÖZKAN E., Project Supported by Higher Education Institutions, Pestisit Tayinine Yönelik Yeni Polimerik Nanokürelerin Hazırlanması. Proje No: DÜBAP 2017.07.06.661, 2017 - 2018

Sarı N., Hasanoğlu Özkan E., Yetim N. K. , Project Supported by Higher Education Institutions, Yeni dendrimer ve dendron sentezi onların biyokataliz araştırmaları, 2015 - 2016

HASANOĞLU ÖZKAN E., Project Supported by Higher Education Institutions, Yeni dendrimer ve dendron sentezi, onların biyokataliz araştırmaları. 05/2014-02, 2014 - 2016

HASANOĞLU ÖZKAN E., Project Supported by Higher Education Institutions, Bazı Ferrosen türevlerinin ve Ferrosen-tabanlı makromoleküllerin sentezi. 05/2011-59, 2011 - 2013

Citations

Total Citations (WOS):69

h-index (WOS):5