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Publons / Web Of Science ResearcherID: P-8940-2019

ScopusID: 6506234966

Yoksis Researcher ID: 137094

Education Information

Doctorate, Rheinisch-Westfaelische Technische Hochschule Aachen, Institute of Organic Chemistry, Germany 2003 - 2007

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya (YI) (Tezli), Turkey 2002 - 2002

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 1998 - 2002

Dissertations

Doctorate, The Synthesis of N-Substituted Ferrocenes and C-H Activation Towards the Synthesis of Organosilanols, Rheinisch-Westfaelische Technische Hochschule Aachen, Organik Kimya Enstitüsü, 2007

Postgraduate, Assymmetric synthesis of chiral bidentate ligands, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya (YI) (Tezli), 2002

Research Areas

Chemistry, Amino Acids, Bioorganic Chemistry, Protein Chemistry, Organic Chemistry, Chemistry of Macromolecules, Chemistry of Artificial Enzymes, Natural Sciences

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2019 - Continues

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2011 - 2018

Academic and Administrative Experience

Deputy Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2018 - 2021

Advising Theses

- Özçubukçu S., Application of stimuli-responsive cysteine-based organogels as a drug delivery system for chemotherapy drugs, Postgraduate, D.ZARE(Student), 2023
- Özçubukçu S., Synthesis and applications of CBD loaded peptide hydrogels and biphenylalanine derivatives, Postgraduate, B.BAYTEKİN(Student), 2023
- ÖZÇUBUKÇU S., Synthesis of peptide-fullerenol conjugate and peptide hydrogels for drug delivery, Postgraduate, H.DEMİRCİ(Student), 2022
- ÖZÇUBUKÇU S., Synthesis of anthracene-based macrocycle for detection of explosives, Postgraduate, T.YILMAZ(Student), 2019
- GÜNBAŞ E. G., ÖZÇUBUKÇU S., Synthesis of dioxin & tetra aryl pyrazine derivatives and their applications, Postgraduate, B.OKYAR(Student), 2019
- AKKAYA M., ÖZÇUBUKÇU S., Bacterial expression of an effector protein of yellow rust pathogen and a resistance protein of wheat and characterization of the effector protein, Doctorate, S.MAHMUT(Student), 2019
- ÖZÇUBUKÇU S., Synthesis of tridentate ligands based on theoretical design to mimic HPCD enzyme, Postgraduate, M.Gökçe(Student), 2018
- ÖZÇUBUKÇU S., Synthesis of tridentate ligands based on theoretical design to mimic HPCD enzyme, Postgraduate, M.GÖKÇE(Student), 2018
- ÖZÇUBUKÇU S., ÖZEN C., Anticancer activity of chlorpromazine on U266 multiple myeloma cell line, Postgraduate, A.EZGİ(Student), 2017
- ÖZÇUBUKÇU S., Synthesis of paracyclophane-peptide based semiconductive peptide hydrogels, Postgraduate, V.DOLGUN(Student), 2017
- ÖZÇUBUKÇU S., Heparin coated and 2-deoxy-d-glucose conjugated iron oxide nanoparticles for biologic applications /, Doctorate, Y.Akpınar(Student), 2017
- ÖZÇUBUKÇU S., Peptide-based drug systems /, Doctorate, M.PARLAK(Student), 2017
- ÖZÇUBUKÇU S., ÖZEN C., Synthesis of chlorotoxin and its derivatives as enzyme inhibitors, Postgraduate, M.SEÇKİN(Student), 2017
- ÖZÇUBUKÇU S., SON Ç. D., Optimization of internal tagging of inhibitory G-proteins for investigating their interactions with dopamine receptor D2 via fret method, Postgraduate, G.ÖZCAN(Student), 2016
- ÖZÇUBUKÇU S., TİNCER İ. T., Interior marking into oxo-biodegradable polyethylene shopping bags to assess the presence of pro-oxidant additive by using ATR-FTIR technique, Postgraduate, Y.DURMUŞ(Student), 2016
- ÖZEN C., ÖZÇUBUKÇU S., Nortriptyline, a tricyclic antidepressant, induces apoptosis in U266 multiple myeloma cell line /, Postgraduate, A.Biber(Student), 2016
- ÖZÇUBUKÇU S., Enzyme catalyzed cross acyloin reactions via C-C bond cleavage, Postgraduate, G.BİLİR(Student), 2015
- ÖZÇUBUKÇU S., TİNCER İ. T., Preparation of crosslinkable high density polyethylene and polypropylene polyblends, Postgraduate, B.KOLTUKSUZ(Student), 2015
- ÖZÇUBUKÇU S., SON Ç. D., Asymmetric synthesis of beta-hydroxy phosphonates via benzaldehyde lyase catalyzed cross acyloin reactions, Postgraduate, C.Kazancı(Student), 2014
- ÖZÇUBUKÇU S., Synthesis of metal binding artificial amino acids, Postgraduate, G.EŞAN(Student), 2014
- ÖZÇUBUKÇU S., THE PREPARATION OF AZIDO AMINO ACIDS AND THE APPLICATION OF NATIVE CHEMICAL LIGATION IN THE SYNTHESIS OF CHLOROTOXIN, Postgraduate, U.ORAL(Student), 2014
- ÖZÇUBUKÇU S., ÖZEN C., Synthesis of peptide inhibitors for matrix metalloproteinase-2 and angiotensin converting enzyme /, Postgraduate, B.ÇİFÇİ(Student), 2014
- ÖZÇUBUKÇU S., Light triggered self-assembly and hydrogelation of azobenzene bearing peptides and investigation of their nanostructures, Postgraduate, M.TEZCAN(Student), 2013

Jury Memberships

Competition, TÜBİTAK Ortaöğretim Öğrencileri Araştırma Projeleri Yarışması , TÜBİTAK, May, 2013

Designed Lessons

Özçubukçu S., Chemistry in Popular Culture, Undergraduate, 2012 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Novel PETox-Based Nanogel Targeting Prostate Cancer Cells for Drug Delivery**
Gülyüz S., SESSEVMEZ M., Ukuser G., Khalily M. P., Tiryaki S., Sipahioglu T., Birgül K., Ömeroğlu İ., ÖZÇUBUKÇU S., Telci D., et al.
MACROMOLECULAR BIOSCIENCE, vol.24, no.3, 2024 (SCI-Expanded)
- II. **Rational design of an acceptor-chromophore-relay-catalyst tetrad assembly for water oxidation.**
Chalil Oglou R., Ulusoy Ghobadi T. G., Saylam A., Bese D., Bese C., Yaglioglu G., Özçubukçu S., Ozbay E., Karadas F.
Chemical communications (Cambridge, England), vol.60, no.13, pp.1707-1710, 2024 (SCI-Expanded)
- III. **Highly Potent Peptide Therapeutics To Prevent Protein Aggregation in Huntington's Disease**
Khan A., Özçelik C. E., Begli O., Oguz O., KESİCİ M. S., Kasırğa T. S., ÖZÇUBUKÇU S., YÜCA YILMAZ E., Seker U. O. S.
ACS MEDICINAL CHEMISTRY LETTERS, vol.14, no.12, pp.1821-1826, 2023 (SCI-Expanded)
- IV. **Synergistic Screening of Peptide-Based Biotechnological Drug Candidates for Neurodegenerative Diseases Using Yeast Display and Phage Display**
Özçelik C. E., Beğli Ö., Hınçer A., Ahan R. E., Kesici M. S., Oğuz O., Kasırğa T. S., Özçubukçu S., Şeker U. Ö. Ş.
ACS CHEMICAL NEUROSCIENCE, vol.14, no.19, pp.3609-3621, 2023 (SCI-Expanded)
- V. **Fullerene-based mimics of enhanced acetylcholine detection for the diagnosis of Alzheimer's disease**
Soylemez S., DOLGUN V., ÖZÇUBUKÇU S.
Microchemical Journal, vol.193, 2023 (SCI-Expanded)
- VI. **Downstream signalling of the disease-associated mutations on GPR56/ADGRG1.**
CEVHEROĞLU O., Demir N., KESİCİ M. S., ÖZÇUBUKÇU S., SON Ç. D.
Basic & clinical pharmacology & toxicology, vol.133, no.4, pp.331-341, 2023 (SCI-Expanded)
- VII. **Tetraphenyl-1,4-dioxin and Tetraphenyl-pyrane-4-one: Old Molecules, New Insights**
SOYDAN M., Okyar B., ZORLU Y., MARION A., ÖZÇUBUKÇU S.
ACS OMEGA, vol.8, no.22, pp.19656-19662, 2023 (SCI-Expanded)
- VIII. **Nanoarchitectonics of Fullerene-Based Enzyme Mimics for Osteogenic Induction of Stem Cells**
Yeniterzi D., Demirsoy Z., Saylam A., Özçubukçu S., Gülseren G.
MACROMOLECULAR BIOSCIENCE, vol.22, no.9, 2022 (SCI-Expanded)
- IX. **Fullerene-Based Mimics of Biocatalysts Show Remarkable Activity and Modularity.**
Gülseren G., Saylam A., Marion A., Özçubukçu S.
ACS applied materials & interfaces, vol.13, no.38, pp.45854-45863, 2021 (SCI-Expanded)
- X. **Synthesis, biocompatibility and gene encapsulation of poly(2-Ethyl 2-Oxazoline)-dioleoyl phosphatidylethanolamine (PEtOx-DOPE) and post-modifications with peptides and fluorescent dye coumarin**
Gulyuz S., Bayram D., Ozkose U. U., Bolat Z. B., Kocak P., SAKA O. M., DEVRİM B., Khalily M. P., TELCİ D., ŞAHİN F., et al.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.70, no.14, pp.981-993, 2021 (SCI-Expanded)
- XI. **Poly(2-ethyl-2-oxazoline-co-ethyleneimine)-block-poly(epsilon-caprolactone) based micelles: synthesis, characterization, peptide conjugation and cytotoxic activity**
Gulyuz S., Ozkose U. U., Khalily M. P., KESİCİ M. S., Kocak P., Bolat Z. B., KARA A., ÖZTÜRK N., ÖZÇUBUKÇU S., BOZKIR

A., et al.

NEW JOURNAL OF CHEMISTRY, vol.45, no.32, pp.14532-14547, 2021 (SCI-Expanded)

- XII. **Synthesis and evaluation of tumor-homing peptides for targeting prostate cancer**
Nezir A. E., PARLAK KHALILY M., Gulyuz S., ÖZÇUBUKÇU S., KÜÇÜKGÜZEL Ş. G., Yılmaz O., TELCİ D.
AMINO ACIDS, vol.53, no.5, pp.645-652, 2021 (SCI-Expanded)
- XIII. **The synthesis of peptide-conjugated poly(2-ethyl-2-oxazoline)-b-poly(L-lactide) (PEtOx-b-PLA) polymeric systems through the combination of controlled polymerization techniques and click reactions**
Ozkose U. U., Gulyuz S., Parlak Khalily M., ÖZÇUBUKÇU S., BOZKIR A., TAŞDELEN M. A., Alptürk O., Yılmaz O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.17, 2021 (SCI-Expanded)
- XIV. **A robust optimization approach for the breast cancer targeted design of PEtOx-b-PLA polymersomes**
Oz U. C., Bolat Z. B., Ozkose U. U., Gulyuz S., Kucukturkmen B., Khalily M. P., ÖZÇUBUKÇU S., Yılmaz O., Telci D., ESENDAĞLI G., et al.
Materials Science and Engineering C, vol.123, 2021 (SCI-Expanded)
- XV. **Simple Tyrosine Derivatives Act as Low Molecular Weight Organogelators**
Aykent G., Zeytun C., Marion A., Ozcubukcu S.
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
- XVI. **Structure-based design, synthesis and anticancer effect of cyclic Smac-polyarginine peptides**
Khalily M. P., GEREKÇİ S., Gulec E. A., ÖZEN C., ÖZÇUBUKÇU S.
AMINO ACIDS, vol.50, no.11, pp.1607-1616, 2018 (SCI-Expanded)
- XVII. **Osteoconductive layer-by-layer films of Poly(4-hydroxy-L-proline ester) (PHPE) and Tannic acid**
Onat B., Özçubukçu S., Banerjee S., Erel-Goktepe I.
EUROPEAN POLYMER JOURNAL, vol.103, pp.101-115, 2018 (SCI-Expanded)
- XVIII. **The design and synthesis of a photo-controlled, peptide-based potential drug carrier**
Parlak Khalily M., ÖZÇUBUKÇU S.
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.4, pp.1136-1145, 2018 (SCI-Expanded)
- XIX. **Polymerization and biosensor application of water soluble peptide-SNS type monomer conjugates**
SÖYLEMEZ S., YILMAZ T., BÜBER E., Udum Y. A., ÖZÇUBUKÇU S., Toppare L.
JOURNAL OF MATERIALS CHEMISTRY B, vol.5, no.35, pp.7384-7392, 2017 (SCI-Expanded)
- XX. **Comparative cell adhesion properties of cysteine extended peptide architectures**
SÖYLEMEZ S., Demir B., Eyrilmez G. O., Kesici S., SAYLAM A., Demirkol D. O., ÖZÇUBUKÇU S., TİMUR S., Toppare L.
RSC ADVANCES, vol.6, no.4, pp.2695-2702, 2016 (SCI-Expanded)
- XXI. **SYNTHESIS AND APPLICATION OF RGD-BASED BIOSENSOR AND BIOIMAGING MATERIALS**
PARLAK M., ÖZÇUBUKÇU S.
JOURNAL OF PEPTIDE SCIENCE, vol.20, 2014 (SCI-Expanded)
- XXII. **SYNTHESIS AND CHARACTERIZATION OF CONDUCTIVE PEPTIDE NANOSTRUCTURES: A BIOCHEMICAL APPROACH TO 1-D MOLECULAR WIRE**
AYKENT G., ÖZÇUBUKÇU S.
JOURNAL OF PEPTIDE SCIENCE, vol.20, 2014 (SCI-Expanded)
- XXIII. **A protein engineered to bind uranyl selectively and with femtomolar affinity**
Zhou L., Bosscher M., Zhang C., Ozcubukcu S., Zhang L., Zhang W., Li C. J., Liu J., Jensen M. P., Lai L., et al.
NATURE CHEMISTRY, vol.6, no.3, pp.236-241, 2014 (SCI-Expanded)
- XXIV. **Planar-Chiral Bis-silanols and Diols as H-Bonding Asymmetric Organocatalysts**
BEEMELMANN S., HUSMANN R., Whelligan D. K., Ozcubukcu S., BOLM C.
EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, no.18, pp.3373-3376, 2012 (SCI-Expanded)
- XXV. **Covalently immobilized tris(triazolyl) methanol-Cu(I) complexes: highly active and recyclable catalysts for CuAAC reactions**
ÖZKAL E., Ozcubukcu S., JIMENO C., Pericas M. A.
CATALYSIS SCIENCE & TECHNOLOGY, vol.2, no.1, pp.195-200, 2012 (SCI-Expanded)
- XXVI. **Selective Recognition of Americium by Peptide-Based Reagents**
Ozcubukcu S., Mandal K., Wegner S., Jensen M. P., He C.

- INORGANIC CHEMISTRY, vol.50, no.17, pp.7937-7939, 2011 (SCI-Expanded)
- XXVII. **A Highly Active Catalyst for Huisgen 1,3-Dipolar Cycloadditions Based on the Tris(triazolyl)methanol-Cu(I) Structure**
Ozcubukcu S., ÖZKAL E., JÍMENO C., Pericas M. A.
ORGANIC LETTERS, vol.11, no.20, pp.4680-4683, 2009 (SCI-Expanded)
- XXVIII. **A general and efficient synthesis of nitrogen-substituted ferrocenes**
Ozcubukcu S., Schmitt E., Leifert A., Bolm C.
SYNTHESIS-STUTTGART, no.3, pp.389-392, 2007 (SCI-Expanded)
- XXIX. **Organosilanols as Catalysts in Asymmetric Aryl Transfer Reactions**
ÖZÇUBUKÇU S., SCHMİDT f., BOLM C.
Organic Letters, vol.7, pp.1407-1409, 2005 (SCI-Expanded)
- XXX. **The first enantioselective synthesis of chiral norbornane-type 1,4-diamine ligand**
TANYELİ C., ÖZÇUBUKÇU S.
Tetrahedron Asymmetry, vol.14, no.9, pp.1167-1170, 2003 (SCI-Expanded)
- XXXI. **A novel asymmetric synthesis of highly enantiomerically enriched norbornane-type diamine derivatives**
BOLM C., SCHİFFERS I., ATODİRESEİ I., Ozcubukcu S., RAABE G.
NEW JOURNAL OF CHEMISTRY, vol.27, no.1, pp.14-17, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enzyme Catalyzed Trans-Benzoin Condensation**
BİLİR G., AYHAN SITKI D., ÖZÇUBUKÇU S.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.737-750, 2018 (Scopus)
- II. **Synthesis of Chlorotoxin by Native Chemical Ligation**
KARACA U., ÖZÇUBUKÇU S.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.719-726, 2018 (Scopus)
- III. **Optimization of synthetic route to PNA-T-OH monomers**
ALPTÜRK O., YEŞİLBAŞ S., SARIOĞLU G., KARAÇAYLI A., SAYLAM A., ÖZÇUBUKÇU S.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.457-468, 2018 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **L-Tyr(tBu)-OH: An Outstanding Low Molecular Weight Organogelator**
AYKENT G., ZEYTUN C., Marion A., ÖZÇUBUKÇU S.
4th Organic Chemistry Congress with Int. Participation, 4 - 07 October 2018
- II. **In vivo bioluminescent imaging of cancer cells by using a bio-orthogonal ligation reaction**
Almammadov T., ÖZÇUBUKÇU S., Bağcı-Onder T., Kolemen S.
256th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nanoscience, Nanotechnology and Beyond, Massachusetts, United States Of America, 19 - 23 August 2018, vol.256
- III. **SmacN7-Oktaarjinin Peptit Konjugatlarının Yapısal Düzenlenmesi ve Bunun Hücreyel Alinima Ve Sitotoksitete Etkileri**
PARLAK M., GEREKÇİ S., GÜLEÇ E., ÖZEN C., ÖZÇUBUKÇU S.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- IV. **Kümeleşme İle Tetiklenmiş Emisyon Özelliğine Sahip Yeni Sistemlerin Sentezi**
OKYAR B., ÖZÇUBUKÇU S.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
- V. **Development of Chlorotoxin Peptide-Based Matrix Metalloproteinase-2 Inhibitors**
KESİCİ M. S., GEREKÇİ S., GÜLEÇ E., ÖZEN C., ÖZÇUBUKÇU S.

25. American Peptide Symposium, Whistler, Canada, 17 - 22 June 2017
- VI. **Cellular Uptake and Cytotoxicity of Engineered SmacN7-Octaarginine Peptide Conjugates**
PARLAK M., GEREKÇİ S., GÜLEÇ E., ÖZEN C., ÖZÇUBUKÇU S.
25. American Peptide Symposium, Whistler, Canada, 17 - 22 June 2017
- VII. **Osteoconductivity of layer-by-layer films of poly(4-hydroxy-L-proline) ester**
ONAT B., ÖZÇUBUKÇU S., BANERJEE S., EREL GÖKTEPE İ.
7th International Colloid Conference, 18 - 21 June 2017
- VIII. **Synthesis of paracyclophane peptide based semiconductive hydrogels**
DOLGUN V., ÖZÇUBUKÇU S.
The Anatolian Conference on Synthetic Organic Chemistry, 21 - 24 March 2016
- IX. **Synthesis and Characterization of Conductive Peptide Nanostructures**
AYKENT G., ÖZÇUBUKÇU S.
The Anatolian Conference on Synthetic Organic Chemistry, 21 - 24 March 2016
- X. **Peptide Hydrogels for Organic Electronics**
ÖZÇUBUKÇU S.
Turkey Symposium Series:Catalysis and Sensing for Health, 7 - 11 September 2015
- XI. **İletken Peptit Hidrojeller**
ÖZÇUBUKÇU S.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XII. **Peptide Hydrogel for Organic Electronics**
ÖZÇUBUKÇU S., AYKENT G., DOLGUN V.
International Winterschool on Bioelectronics BioEl2015, 28 February - 07 March 2015
- XIII. **Peptit Bazlı İletken Hidrojeller**
AYKENT G., DOLGUN V., ÖZÇUBUKÇU S.
2. Ulusal Organik Kimya Kongresi, Turkey, 24 - 26 September 2014
- XIV. **Peptide Based Conductive Hydrogels**
AYKENT G., ÖZÇUBUKÇU S.
33rd European Peptide Symposium, 31 August - 05 September 2014
- XV. **Peptit Bazlı Uyarılara Tepki Veren ve İletken Hidrojeller**
ÖZÇUBUKÇU S.
26. Ulusal Kimya Kongresi, Turkey, 1 - 06 September 2012
- XVI. **Peptides for Actinide Separation**
ÖZÇUBUKÇU S., SERAPHINE W., KALYANESWAR M., STEPHEN K., HE C., MARC J.
239. American Chemical Society National Meeting, 21 - 25 March 2010

Supported Projects

ÖZÇUBUKÇU S., Project Supported by Higher Education Institutions, Fullerenol-Amino Asit Türevleri ile CO2 Fiksasyonu, 2021 - Continues

ÖZÇUBUKÇU S., Project Supported by Higher Education Institutions, Basit Amino Asit Türevlerinin Düşük Molekül Ağırlıklı Organojelatör Olarak İncelenmesi ve İlaç Salınım Uygulamaları, 2019 - Continues

Özçubukçu S., Söylemez S., EU Supported Other Project, Innovative Fullerenol - Hydrogels Based Nanomaterials For Health Diagnostic And Care Applications, 2022 - 2025

Özçubukçu S., Parlak Khalily M., TUBITAK Project, Kanabidiol-Yüklü Peptit Hidrojellerinin Hazırlanması Ve Potansiyel Yara Örtü Malzemesi Olarak Etkinliğinin Değerlendirilmesi, 2021 - 2023

Özçubukçu S., Okur H., TUBITAK Project, Katyonların, Tiyüre ve Türevi Moleküllerin Protein Çözeltilerinde Gerçekleşen Sulu İkili Faz Ayrışımına Etkilerinin Lineer Sıcaklık Değişim Mikroskobu İle İncelenmesi, 2021 - 2023

Özçubukçu S., Aykent G., TUBITAK Project, Prostat Kanseri Teşhis Ve Tedavisine Yönelik Yeni Radyofarmasötik Peptitlerin Geliştirilmesi, 2021 - 2023

Özçubukçu S., Söylemez S., TUBITAK Project, Anti-Alzheimer İlaç Etken Maddesi Piridostigmin'in Asetilkolinesteraz Enzimi

Üzerindeki İnhibisyon Etkilerini İncelemek Amaçlı Fonksiyonel Fullerenolün Sentezi ve Fonksiyonel Fullerenol Bazlı Elektrokimyasal Nanobiyosensör Tasarımı, 2021 - 2022

Özçubukçu S., Aykent G., TUBITAK Project, Standart Ve Özelleşmiş Peptit Üretimi, 2020 - 2021

MARION A., ÖZÇUBUKÇU S., TUBITAK Project, Kükürt İnzertaz Enziminin (LarE) Kendine Özgü Tepkime Mekanizmasının Çözülmesi ve Taklit Edilmesi, 2019 - 2021

Özçubukçu S., Gülseren G., TUBITAK Project, Fosfataz Taklidi Fullernenzim Nanoyapıların Geliştirilmesi ve Rejeneratif Uygulamaları, 2019 - 2021

ÖZÇUBUKÇU S., TUBITAK Project, Donör-Akseptör Bazlı İletken Peptit Hidrojeller, 2019 - 2021

Özçubukçu S., Kölemen S., TUBITAK Project, Kanser Hücrelerinin Biyoluminesan Görüntülemesi için Aktive Edilebilir Ajanların ve Tanı ile Tedaviyi Bir Arada Gerçekleştirebilen Sistemlerin Tasarımı, Sentezi ve in vivo Uygulamaları, 2018 - 2021

Özçubukçu S., TUBITAK Project, Klorotoksin Peptit Yapısına Dayalı Matriks Metalloproteinaz 2 İnhibitörlerinin Geliştirilmesi, 2015 - 2018

ÖZÇUBUKÇU S., Project Supported by Higher Education Institutions, KÜMELEŞME İLE TETİKLENMİŞ EMİSYON ÖZELLİĞİNE SAHİP YENİ SİSTEMLERİN SENTEZİ VE PEPTİTLERE BAĞLANMASI, 2017 - 2017

ÖZÇUBUKÇU S., Project Supported by Higher Education Institutions, BİYOSENSÖR UYGULAMALARI İÇİN EPİNDOLİDİON YARIİLETKENLERİNE PEPTİTLERİN BAĞLANMASI, 2017 - 2017

ÖZÇUBUKÇU S., TUBITAK Project, Klorotoksin Peptit Yapısına Dayalı Matriks Metalloproteinaz-2 İnhibitörlerinin Geliştirilmesi, 2015 - 2017

ÖZÇUBUKÇU S., TUBITAK Project, Parasiklofan-Peptit Bazlı Yarı-İletken Hidrojel Sentezi, 2015 - 2016

ÖZÇUBUKÇU S., TUBITAK Project, İletken Peptit Nanotüp Ve Hidrojel Geliştirilmesi, 2013 - 2015

ÖZÇUBUKÇU S., AYKENT G., Project Supported by Higher Education Institutions, KENDİLİĞİNDEN YAPILANAN PEPTİTLERDEN İLETKEN HİDROJEL ELDESİ, 2013 - 2013

ÖZÇUBUKÇU S., KAZANCI C., Project Supported by Higher Education Institutions, ENZİM KATALİZÖRLÜĞÜNDE C-C BAĞI OLUŞUMU İLE ÇAPRAZ AÇILOİN TEPKİMELERİ, 2013 - 2013

ÖZÇUBUKÇU S., EŞAN G., Project Supported by Higher Education Institutions, METAL İYONU TETİKLEYİCİ KENDİ KENDİNE YAPILANARAK HİDROJEL OLUŞTURAN PEPTİTLER VE BİYOMALZEME UYGULAMALARI, 2013 - 2013

ÖZÇUBUKÇU S., TEZCAN M., Project Supported by Higher Education Institutions, IŞIKLA TETİKLENEREK KENDİLİĞİNDEN YAPILANAN PEPTİT HİDROJELLER VE BİYONANOYAPILARI, 2013 - 2013

ÖZÇUBUKÇU S., YILDIRIM L. S., Project Supported by Higher Education Institutions, YÜKSEĞE DÖNÜŞTÜREN NANOPARÇACIKLARIN PEPTİT BAZLI İLAÇ SALINIM SİSTEMLERİ GELİŞTİRMEDE KULLANIMI, 2013 - 2013

Patent

ÖZÇUBUKÇU S., Tris (1,2,3-triazol-4-yl) Organometallic Compounds as Catalysts and Processes Using Them, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2011

Activities in Scientific Journals

Turkish Journal Of Chemistry, Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

American Peptide Society, Member, 2017 - Continues

Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, ARDEB, Turkey,

January 2020

JOURNAL OF PEPTIDE SCIENCE, SCI Journal, April 2019

JOURNAL OF ORGANIC CHEMISTRY, SCI Journal, March 2019

AMINO ACIDS, SCI Journal, April 2018

RSC ADVANCES, SCI Journal, November 2017

Tasks In Event Organizations

Özçubukçu S., 29. Ulusal Kimya Kongresi , Scientific Congress, Ankara, Turkey, Eylül 2017

Metrics

Publication: 50

Citation (WoS): 825

Citation (Scopus): 862

H-Index (WoS): 11

H-Index (Scopus): 11

Congress and Symposium Activities

OrgChemTR-4, Working Group, Antalya, Turkey, 2018

Awards

ÖZÇUBUKÇU S., Yilin Egitimcisi, ODTU Mustafa Parlar Vakfi, November 2015

Entrepreneurship Activities

Anonymous, Peptideam Kimya A.Ş. , 14 January 2020, Co-Founder

Non Academic Experience

University of Chicago - ABD

ICIQ - Ispanya