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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAN-1831-2020

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Education Information

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 2014 - 2019

Research Areas

Molecular Biology and Genetics, Genetic Disorders, Genetic Engineering, Molecular Biology of Cancer, Microbial Genetics, Natural Sciences

Academic Titles / Tasks

Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes: synthesis, characterization and their biological properties**
Belhi Z., Karci H., Dündar M., Gürbüz N., Özdemir İ., Koç A., Cherit A., Özdemir İ.
JOURNAL OF COORDINATION CHEMISTRY, vol.76, no.1, pp.120-133, 2023 (SCI-Expanded)
- II. **Global gene expression profiling in congenital diaphragmatic hernia (CDH) patients**
GÜRÜNLÜOĞLU K., DÜNDAR M., Unver T., AKPINAR N., GÖKCE İ. K., Gurunluoglu S., DEMİRCAN M., KOÇ A.
FUNCTIONAL & INTEGRATIVE GENOMICS, vol.22, no.3, pp.359-369, 2022 (SCI-Expanded)
- III. **Investigation of the Neuroprotective Effect of N-(p-amylcinnamoyl) Anthranilic Acid on Hippocampal Endoplasmic Reticulum Stress in WAG/Rij Rats with Absence Epilepsy**
Kaya G. B., DÜZOVA H., Kaya M., DÜNDAR M., KOÇ A.
ACTA PHYSIOLOGICA, vol.234, pp.13, 2022 (SCI-Expanded)
- IV. **Silver (I)-N-heterocyclic carbene complexes: Synthesis and characterization, biological evaluation of Anti-Cholinesterase, anti-alpha-amylase, anti-lipase, and antibacterial activities, and molecular docking study**
Sandeli A. E., Khiri-Meribout N., Benzerka S., GÜRBÜZ N., DÜNDAR M., Karci H., Bensouici C., Mokrani E. H.,

ÖZDEMİR İ., KOÇ A., et al.

INORGANICA CHIMICA ACTA, vol.525, 2021 (SCI-Expanded)

V. **New silver N-heterocyclic carbenes complexes: Synthesis, molecular docking study and biological activities evaluation as cholinesterase inhibitors and antimicrobials**

Lasmari S., Ikhlef S., Boulcina R., Mokrani E. H., Bensouici C., GÜRBÜZ N., Dündar M., Karci H., ÖZDEMİR İ., KOÇ A., et al.

JOURNAL OF MOLECULAR STRUCTURE, vol.1238, 2021 (SCI-Expanded)

VI. **Genomewide Elucidation of Drug Resistance Mechanisms for Systemically Used Antifungal Drugs Amphotericin B, Caspofungin, and Voriconazole in the Budding Yeast**

Balkan C., Ercan I., Isik E., Akdeniz E. S., Balcioglu O., Kodedova M., Zimmermannova O., DÜNDAR M., Sychrova H., KOÇ A.

ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.63, no.9, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. **Overexpression of yeast YLR177w gene provides tolerance to antifungal drug tioconazole**

Koç S., Işık Ö. A., Dündar M., Koç A.

Annals of Medical Research, vol.29, no.11, pp.1273-1277, 2022 (Peer-Reviewed Journal)

II. **Investigation of O-Alkyl/O-Alkenyl Glycerolipid Ratios in Erythrocyte Lysates of Patients with Obstructive Sleep Apnea**

Koç E., Ermiş H., Gözükara Bağ H. G., Dündar M., Güldür T.

Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, vol.13, no.3, pp.309-315, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **ANTIMICROBIAL PROPERTIES OF BENZIMIDAZOLIUM SALTS**

Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.

INTERNATIONAL GOBEKLITEPE APPLIED SCIENCES CONGRESS-IV, Şanlıurfa, Turkey, 9 - 11 September 2022, pp.26-27

II. **Fonksiyonel Benzimidazolyum Tuzları ve Biyolojik Özellikleri**

Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.

34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.388

III. **Gümüş Karben Komplekslerinin Antimikrobiyal Özellikleri**

Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.

34. Ulusal Kimya Kongresi, Şanlıurfa, Turkey, 1 - 06 September 2022, pp.389

IV. **Yeni Ag-NHC Kompleksleri ve Özellikleri**

Evren E., Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.

34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.320

V. **N-Alkilbenzimidazol-Gümüş Komplekslerinin Biyolojik Özellikleri**

Arı E., Karci H., Dündar M., Özdemir İ., Şahin N., Koç A., Özdemir İ.

34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.321

VI. **Ag-NHC COMPLEX WITH ANTIMICROBIAL POTENTIAL**

Karci H., Dündar M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.

INTERNATIONAL GOBEKLITEPE APPLIED SCIENCES CONGRESS-IV, Şanlıurfa, Turkey, 9 - 11 September 2022, pp.24-25

VII. **Investigation of the Neuroprotective Effect of N-(p-amylcinnamoyl) Anthranilic Acid on Hippocampal Endoplasmic Reticulum Stress in WAG/Rij Rats with Absence Epilepsy**

Kaya G. B., Düzova H., Kaya M., Dündar M., Koç A.

Türk Fizyolojik Bilimler Derneği 46. Ulusal Fizyoloji Kongresi, 8 - 10 October 2021, pp.15

- VIII. **ETİLASETAL FONKSİYONLU GÜMÜŞ KARBEN KOMPLEKSLERİN ANTİMİKROBİYAL ÖZELLİKLERİ KARAKTERİZASYONU**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
VIII. Ulusal Anorganik Kimya Kongresi, Tekirdağ, Turkey, 2 - 05 September 2021, pp.101
- IX. **FONKSİYONEL BENZİMİDAZOLYUM TUZLARI VE BİYOLOJİK ÖZELLİKLERİ**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A., Özdemir İ.
VIII. Ulusal Anorganik Kimya Kongresi, Tekirdağ, Turkey, 2 - 05 September 2021, pp.104
- X. **Investigation of o-alkyl/o-alkenyl glycerolipid ratios in erythrocyte lysates of patients with obstructive sleep apnea**
Koç E., Ermiş H., Gözükara Bağ H. G., Dünder M., Güldür T.
45th FEBS Congress, Molecules of Life: Toward New Horizons, Ljubljana, Slovenia, 3 - 08 July 2021, pp.504
- XI. **BENZİMİDAZOLIUM SALT AND BIOLOGICAL PROPERTIES**
Karci H., Dünder M., Gürbüz N., Özdemir İ., Koç A.
XXXI. NATIONAL CONGRESS OF THE TURKISH BIOCHEMICAL SOCIETY 2020, Gaziantep, Turkey, 18 - 20 December 2020, pp.30
- XII. **Silver N-Heterocyclic Carbene Complexes and their Antibacterial Properties**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A.
3rd International Conference on Physical Chemistry and Functional Materials, Malatya, Turkey, 22 - 24 September 2020, pp.26
- XIII. **Benzimidazolium Salt and their Biological Properties**
Karci H., Dünder M., Özdemir İ., Gürbüz N., Koç A.
3rd International Conference on Physical Chemistry and Functional Materials (PCFM'20), Malatya, Turkey, 22 - 24 September 2020, pp.25
- XIV. **Analyses of p53 interactions with human aprataxin, SACML1 and METAP1 by Y2H system**
Durmuş K., Dünder M., Koç A.
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, pp.74

Metrics

Publication: 22

Citation (WoS): 27

Citation (Scopus): 28

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

7th International Congress of the Molecular Biology Association of Turkey, Attendee, İstanbul, Turkey, 2019

Scholarships

2211-A Genel Yurt İçi Doktora Burs Programı, TÜBİTAK, 2019 - Continues

2250-Lisansüstü Bursları Performans Programı, TÜBİTAK, 2022 - 2023

Awards

Kaya G. B., Düzova H., Kaya M., Dündar M., Koç A., Oral Presentation Second Place Prize, Türk Fizyolojik Bilimler Derneği ,
October 2021