Lect. PhD Osman Nuri ASLAN

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International Researcher IDs
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Education Information

Doctorate, Tokat Gaziosmanpaşa University, Graduate School Of Natural And Applıed Scıences, Kimya/ Organik Kimya, Turkey 2014 - 2020
Postgraduate, Tokat Gaziosmanpaşa University, Graduate School Of Natural And Applıed Scıences, Kimya/ Organik Kimya, Turkey 2012 - 2013
Undergraduate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2005 - 2009

Biography

Osman Nuri ASLAN was born in 1987 in Trabzon. I completed my primary (Mehmet Akif Ersoy Primary School) and high school (Akçaabat High School) education in Trabzon. In 2005, he won Erzurum Atatürk University Science Faculty Chemistry Department. He completed my undergraduate education in 2009. In 2009, Erzurum Atatürk University, Institute of Science, started his master's degree in Chemistry-Organic Chemistry. In 2011, Tokat Gaziosmanpaşa University Institute of Science and Technology, Chemistry-Organic Chemistry Res. See. started his duty as. For this reason, I completed my master's degree in Tokat Gaziosmanpaşa University, Institute of Science, Chemistry-Organic Chemistry in 2013. In 2014, he started his doctorate in the field of Chemistry-Organic Chemistry at Tokat Gaziosmanpaşa University, Institute of Science. He completed his PhD education in July 2020. Since April 2019, he has been continuing her academic career as an Instructor at Erzurum Atatürk University DAYTAM (Eastern Anatolia High Technology Application and Research Center).

Dissertations

Doctorate, Tiyazol temelli hibrit moleküllerin sentezi ve antiproliferatif özelliklerinin incelenmesi, Tokat Gaziosmanpaşa University, Graduate School Of Natural And Applıed Scıences, 2020
Postgraduate, Yeni 2-isoindol-4-aril tiyazol türevlerinin sentezi ve karakterizasyonu, Tokat Gaziosmanpaşa University, 2013

Research Areas

Chemistry, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Ataturk University, Rektörlük, 2019 - Continues
Research Assistant, Tokat Gaziosmanpaşa University, Graduate School Of Natural And Applıed Scıences, Kimya, 2011 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Surface characterization of barium(II)–selective potentiometric sensor based on a newly synthesized hydrazone derivative molecule**
Altınoluk O. C., Özbek O., Kalay E., Tokalı F. S., Aslan O. N.
ELECTROANALYSIS, vol.0, no.0, 2024 (SCI-Expanded)

II. **Sulfonamide derivatives with benzothiazole scaffold: Synthesis and carbonic anhydrase I–II inhibition properties**
Öztürk C., Kalay E., Gerni S., Balci N., Tokali F. S., ASLAN O. N., Polat E.
Biotechnology and Applied Biochemistry, vol.71, no.1, pp.223-231, 2024 (SCI-Expanded)

III. **Synthesis, characterization and sensor properties of a new sulfonyl hydrazone derivative molecule: potentiometric determination of Pb(II) ions**
Özbek O., Kalay E., BERKEL C., ASLAN O. N., TOKALI F. S.
CHEMICAL PAPERS, vol.1, no.1, pp.1-13, 2024 (SCI-Expanded)

IV. **Synthesis and characterization of novel acyl hydrazones derived from vanillin as potential aldose reductase inhibitors**
Demir Y., TOKALI F. S., Kalay E., TÜRKEŞ C., Tokali P., ASLAN O. N., Sendil K., BEYDEMİR Ş.
MOLECULAR DIVERSITY, vol.27, no.4, pp.1713-1733, 2023 (SCI-Expanded)

V. **Synthesis and Potentiometric Sensor Applications of a Hydrazone Derivative Molecule: Fast and Selective Determination of Cobalt(II) Ions**
Ozbek O., Kalay E., Cetin A., IŞILDAK Ö., TOKALI F. S., ASLAN O. N., IŞILDAK İ.
CHEMISTRYSELECT, vol.7, no.28, 2022 (SCI-Expanded)

VI. **Synthesis and antibacterial screening of novel 2-(4-(aryl) thiazol-2-yl)-3a,4,7,7a-tetrahydro-1H-,4,7-ethanoisoindole-1,3(2H)-dione derivatives**
Ozbek O., Usta N. C., Gurdere M. B., Aslan O. N., Budak Y., Ceylan M.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.192, no.10, pp.1153-1157, 2017 (SCI-Expanded)

VII. **Synthesis and Carbonic Anhydrase Inhibition of Novel 2-(4-(Aryl)thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-methanoisoindole-1,3(2H)-dione Derivatives**
KOÇYİĞİT Ü. M., Aslan O. N., GÜLÇİN İ., Temel Y., Ceylan M.
ARCHIV DER PHARMAZIE, vol.349, no.12, pp.955-963, 2016 (SCI-Expanded)

VIII. **Triethylamin-mediated addition of 2-aminoethanethiol hydrochloride to chalcones: Synthesis of 3-(2-aminoethylthio)-1-(aryl)-3-(thiophen-2-yl) propan-1-ones and 5,7-diaryl-2,3,6, 7-tetrahydro-1,4-thiazepines**
Gurdere M. B., Emec A. C., Aslan O. N., Budak Y., Ceylan M.
SYNTHETIC COMMUNICATIONS, vol.46, no.6, pp.536-545, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **Does the balance of nitric oxide and L-arginine play a role in the development of allergic rhinitis?**

EFE ATİLA N., AKMAN T. Ç., ASLAN O. N.
THE INJECTOR, vol.1, no.2, pp.60-69, 2022 (Peer-Reviewed Journal)

II. **Some old 2-(4-(Aryl)- thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-tethanoisoindole-1,3(2H)-dione derivatives: Synthesis, inhibition effects and molecular docking studies on Aldose reductase and α-Glycosidase**
TASLIMI P., DEMİR Y., DURAN H. E., KOÇYİĞİT Ü. M., TÜZÜN B., ASLAN O. N., CEYLAN M., GÜLÇİN İ.
CUMHURIYET SCIENCE JOURNAL, vol.42, no.3, pp.553-564, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **ÜRE TEMELLİ YENİ HİBRİT MOLEKÜLLERİN SENTEZİ VE KARAKTERİZASYONU**
ASLAN O. N., ÖZBEK O., GÜRDERE M. B., BUDAK Y., CEYLAN M.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018

II. **FENİLÜRE İÇEREN SİYANOPİRİDİN TÜREVLERİNİN SENTEZİ**
GÜRDERE M. B., ÖZBEK O., ASLAN O. N., GEZEGEN H., DİNÇER A., BUDAK Y., CEYLAN M.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018

III. **Aluminum Chloride–catalyzed Addition of Pyrrole to Bis-chalcone Derivatives**
BUDAK Y., GÜRDERE M. B., ÖZBEK O., ASLAN O. N., CEYLAN M.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018

IV. **Aluminum Chloride–catalyzed Addition of Indole to Bis-chalcone Derivatives**
CEYLAN M., GÜRDERE M. B., ÖZBEK O., ASLAN O. N., BUDAK Y.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018

V. **LAKTON VE KALKON BİRİMİ İÇEREN ENAMİN TÜREVLERİNİN SENTEZİ, ANTİKANSER AKTİVİTELERİNİN İNCELENMESİ**
GÜRDERE M. B., ASLAN O. N., ÖZBEK O., YENCİLEK B., AYDIN A., ERTÜRK F., BUDAK Y., CEYLAN M.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017

VI. **4-Arilidentrisiklo [4.2.1.02,5] Nonan-3-On Türevlerinin Sentezi ve Antiproliferatif Aktiviteleri**
CEYLAN M., ŞAHİN YAĞLIOĞLU A., KEÇECİ SARIKAYA M., GÜRDERE M. B., BUDAK Y., ASLAN O. N., ÖZBEK O.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017

VII. **4-Arilidinetrisiklo [4.2.1.02,5] Non-7-En-3-On Türevlerinin Sentezi ve Antiproliferatif Aktiviteleri**
CEYLAN M., ŞAHİN YAĞLIOĞLU A., Keçeci Sarıkaya M., GÜRDERE M. B., BUDAK Y., ASLAN O. N., ÖZBEK O.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017

VIII. **Lakton ve Kalkon Birimi İçeren Enamin Türevlerinin Antikanser Aktiviteleri**
GÜRDERE M. B., ÖZBEK O., YENCİLEK B., AYDIN A., ERTÜRK F., BUDAK Y., CEYLAN M., ASLAN O. N.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017

IX. **Michael Addition of 2 Aminoethanethiol Hydrochloride to Chalcones With Triethylamine Catalyzed**
ASLAN O. N., GÜRDERE M. B., CEYLAN M., BUDAK Y., EMEÇ A. C.
28. Ulusal Kimya Kongresi, Mersin, Turkey, 15 - 21 August 2016

X. **Synthesis and carbonic anhydrase inhibition of novel 2 isoindole 4 aryl thiazole derivatives**
ASLAN O. N., CEYLAN M., GÜRDERE M. B., BUDAK Y., KOÇYİĞİT Ü. M., GÜLÇİN İ., TEMEL Y.
Anatolian Conference onSynthetic Organic Chemistry II, Kuşadası/AYDIN, Turkey, 21 - 24 March 2016

XI. **Triethylamine catalyzed addition of 2 aminoethanethiolhydrochloride to chalcones**
ASLAN O. N., GÜRDERE M. B., CEYLAN M., BUDAK Y., EMEÇ A. C.

Anatolian Conference onSynthetic Organic Chemistry II, Kuşadası/AYDIN, Turkey, 21 - 24 March 2016

XII. **PYRIDINE 3 CARBONITRILE DERIVATIVES K2CO3 CATALYZED SYNTHESIS AND BIOLOGICAL INVESTIGATION OF THE ACTIVITY**
GENÇLER E., CEYLAN M., ASLAN O. N., BUDAK Y., GÜRDERE M. B., ÖZTÜRK Ş.
Trans Mediterranean Colloquium on Heterocyclic Chemistry 8, Antalya, Turkey, 11 - 15 November 2015

XIII. **SYNTHESIS OF NOVEL HETEROCYCLIC COMPOUNDS BASED ON TETRALONE**
ASLAN O. N., CEYLAN M., FINDIK E., GÜRBÜZLÜ B., ESEN Z.
Trans Mediterranean Colloquium on Heterocyclic Chemistry 8, Antalya, Turkey, 11 - 15 November 2015

XIV. **THE NEW SPIRO BENZOFURAN DERIVATIVES SYNTHESIS AND CHARACTERIZATION**
DÜRÜ N., ERGÜNTÜRK D., CEYLAN M., BUDAK Y., GÜRDERE M. B., ASLAN O. N.
Trans Mediterranean Colloquium on Heterocyclic Chemistry 8, Antalya, Turkey, 11 - 15 November 2015

XV. **INVESTIGATION OF A NEW CLASS 2 SUBSTITUTED BENZOTHIAZOLE OF THE SYNTHESIS AND ANTITUMOR ACTIVITY**
ÖZBEK O., CEYLAN M., KEÇECİ SARIKAYA M., ASLAN O. N.
Trans Mediterranean Colloquium on Heterocyclic Chemistry 8, Antalya, Turkey, 11 - 15 November 2015

XVI. **Yeni Tiyazol Pirazol Türevlerinin Sentezi ve Biyolojik Aktivite Uygulamaları**
ASLAN O. N., GÜRDERE M. B., BUDAK Y., CEYLAN M., ERTÜRK F., ÖZBEK O., Kezban Ö.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015

XVII. **Yeni Tiyazol İsoindol Türevlerinin Sentezi ve Biyolojik Aktivite Çalışmaları**
ASLAN O. N., GÜRDERE M. B., USTA N. C., BUDAK Y., CEYLAN M., ÖZBEK O.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015

XVIII. **Yeni Pirazol İsoindol Türevlerinin Sentezi ve Biyolojik Aktivite Çalışmaları**
GÜRDERE M. B., ASLAN O. N., BUDAK Y., CEYLAN M., ERTÜRK F., DÜRÜ N., YENCİLEK B.
3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015

XIX. **The Synthesis of New Thiazole Isoindole Derivatives and Characterization**
GÜRDERE M. B., ASLAN O. N., CEYLAN M., BUDAK Y., ÖZBEK O.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015

XX. **The Synthesis of New Thiazole Isoindole Derivatives and Biological Activity Studies**
GÜRDERE M. B., ASLAN O. N., CEYLAN M., BUDAK Y., ERTÜRK F., ÖZBEK O.
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015

XXI. **3aS 4S 4aR 7aS 8S 8aS 6 4 1 asetil 5 fenil 4 5 dihidro 1H pirazol 3 il fenil 3 metil 4 4a 8 8a tetrahidro 3aH 4 8 metanoisoksazol 4 5 f isoindol 5 7 6H 7aH dion Türevlerinin Sentezi ve Anti kanser Aktivite Uygulamaları**
ÖZCAN K., GÜRDERE M. B., ASLAN O. N., CEYLAN M., BUDAK Y., ERTÜRK F.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014

Metrics

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