Prof. Emine SALAMCI

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: AAG-4779-2019
ScopusID: 6603488994
Yoksis Researcher ID: 46184

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya/Organik Kimya, Turkey 1991 - 1997
Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya/Organik Kimya, Turkey 1989 - 1991
Undergraduate, Ataturk University, Fen Fakültesi, Kimya, Turkey 1985 - 1989

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, 6-Aminosiklooktantriol, 2-Amino-6-Halosiklooktandiol, 3,4-Dihidroksisiklooktan Karboksilik Asit ve Türevlerinin Sentezi, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Organik Kimya, 2017
Postgraduate, Sekiz Üyeli Halka İçeren Diaminosiklitol ve Türevlerinin Sentezleri İçin Geliştirilen Alternatif Yöntemler, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Organik Kimya, 2014
Postgraduate, Sekiz Üyeli Halka İçeren Bazı Siklitollerin Sentezi: Amino- ve Halosiklitoller, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Organik Kimya, 2014
Postgraduate, 1,3- ve 1,5-Siklooktadienden Çıkarak Aminosiklooktantriol ve Türevlerinin Sentezi, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Organik Kimya, 2014
Postgraduate, Siklooktantetrol ve 3-Aminosiklooktantriol'lerin Sentezleri, Atatürk Üniversitesi, Fen Fakültesi, Kimya/Organik Kimya, 2010

Research Areas

Chemistry, Organic Chemistry, Plant Chemistry, Chemistry of Natural Products, Chemistry of Heterocyclic Compounds, Carbon Chemistry, Organic Reaction Mechanisms, Organic Spectroscopy, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Kimya, 2013 - Continues
Assistant Professor, Ataturk University, Fen Fakültesi, Kimya, 1998 - 2008
Research Assistant, Ataturk University, Fen Fakültesi, Kimya, 1990 - 1998

Courses

Kimya, Undergraduate, 2022 - 2023
BİLİMSEL BİLGİYE ERİŞİM VE BİLGİYİ SUNMA, Postgraduate, 2022 - 2023
Fizikokimya Laboratuvarı II, Undergraduate, 2021 - 2022
DANIŞMANLIK, Postgraduate, 2021 - 2022
Temel Kimya Laboratuvarı I, Undergraduate, 2022 - 2023
Postgraduate, 2022 - 2023
Proje-1, Undergraduate, 2021 - 2022
Genel Kimya Laboratuvarı II, Undergraduate, 2021 - 2022
Organik Kimya Laboratuvarı II, Undergraduate, 2022 - 2023
Uzmanlık Alan Dersi (Yabancı Uyruklu) I, Postgraduate, 2022 - 2023
BİLİMSEL BİLGİYE ERİŞİM VE BİLGİYİ SUNMA, Postgraduate, 2022 - 2023
İleri Organik Kimya II, Postgraduate, 2021 - 2022
PROJE 1, Undergraduate, 2021 - 2022
Organik Kimya II, Undergraduate, 2021 - 2022
DANIŞMANLIK, Postgraduate, 2021 - 2022
BİLİMSEL BİLGİYE ERİŞİM VE BİLGİYİ SUNMA, Postgraduate, 2021 - 2022
GENEL KİMYA LABORATUVARI II, Undergraduate, 2020 - 2021
İLERİ ORGANİK KİMYA I, Postgraduate, 2021 - 2022
BİLİMSEL BİLGİYE ERİŞİM VE BİLGİYİ SUNMA, Postgraduate, 2021 - 2022
Doctorate, 2020 - 2021
Postgraduate, 2019 - 2020
Undergraduate, 2019 - 2020
Undergraduate, 2020 - 2021
Uzmanlık Alan Dersi I, Postgraduate, 2020 - 2021
Reactive Intermediates Chemistry, Postgraduate, 2014 - 2015
Radical Chemistry, Undergraduate, 2014 - 2015

Advising Theses

SALAMCI E., 6-Aminosiklooktantriol, 2-Amino-6-Halosiklooktandiol, 3,4-Dihidroksisiklooktan Karboksilik Asit ve Türevlerinin Sentezi, Postgraduate, İ.POLAT(Student), 2017
SALAMCI E., Sekiz Üyeli Halka İçeren Diaminosiklitol ve Türevlerinin Sentezleri için Geliştirilen Alternatif Yöntemler, Postgraduate, A.KİLİÇ(Student), 2014
SALAMCI E., Sekiz Üyeli Halka İçeren Bazi Siklitollerin Sentezi: Amino- ve Halosiklitoller, Postgraduate, Y.ZOZİK(Student), 2014
SALAMCI E., 1,3- ve 1,5-Siklooktadienden Çıkarak Aminosiklooktantriol ve Türevlerinin Sentezi, Postgraduate, U.Nusret(Student), 2014
SALAMCI E., Siklooktantetrol ve 3-Aminosiklooktantriol'lerin Sentezleri, Postgraduate, K.ECER(Student), 2010

Jury Memberships

Associate Professor Exam, Associate Professor Exam, September, 2020

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, June, 2020
Associate Professor Exam, Doçentlik Eser İnceleme Jüri Üyeliği, ÜAK, March, 2019
Doctorate, Tez Savunma Jürisi, Atatürk Üniv., January, 2019
Award, Ödül Hakemliği, Parlar Vakfı , November, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Stereoselective synthesis of syn-meso-cyclooctanetetraol, bromo-, and oxabicyclic amino-alcohol derivatives**
SALAMCI E., Karavaizoglu U. N.
Tetrahedron Letters, vol.129, 2023 (SCI-Expanded)

II. **Efficient synthesis of aziridinecyclooctanediol and 3-aminocyclooctanetriol**
SALAMCI E., Lafzi A. K.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.18, pp.1539-1543, 2022 (SCI-Expanded)

III. **Efficient and regioselective synthesis of dihydroxy-substituted 2-aminocyclooctane-1-carboxylic acid and its bicyclic derivatives**
Polat I., EŞSİZ S., BOZKAYA U., SALAMCI E.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.18, pp.77-85, 2022 (SCI-Expanded)

IV. **Stereoselective syntheses of 3-aminocyclooctanetriols and halocyclooctanetriols**
SALAMCI E., ZOZİK Y.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.17, pp.705-710, 2021 (SCI-Expanded)

V. **An efficient synthesis of chloro-aminocyclooctanediol and aminocyclooctanetriol: an unexpected acetolysis product**
Karavaizoglu U. N., SALAMCI E.
NEW JOURNAL OF CHEMISTRY, vol.44, no.41, pp.17976-17983, 2020 (SCI-Expanded)

VI. **Recent developments concerned with the synthesis of aminocyclitols**
SALAMCI E.
TETRAHEDRON LETTERS, vol.61, no.15, 2020 (SCI-Expanded)

VII. **Synthesis of eight-membered aminocyclitol analogues**
ZOZİK Y., SALAMCI E., KİLİC A.
TETRAHEDRON LETTERS, vol.58, no.52, pp.4822-4826, 2017 (SCI-Expanded)

VIII. **Reaction of 9-oxabicyclo[4.2.1]non-7-ene-1-ol with tetrazine: An unusually facile intramolecular rearrangement**
KAYA A., SALAMCI E., MENZEK A., ERDEM S., ŞAHİN E., ECER K.
TETRAHEDRON, vol.73, no.36, pp.5381-5388, 2017 (SCI-Expanded)

IX. **Efficient and shortcut syntheses of some novel eight-membered ring cyclitols starting from cycloocta-1,3-diene**
ECER K., SALAMCI E.
TETRAHEDRON, vol.70, no.44, pp.8389-8396, 2014 (SCI-Expanded)

X. **Carbonic anhydrase inhibitors: inhibition of human and bovine isoenzymes by benzenesulphonamides, cyclitols and phenolic compounds**
Ekinci D., Kurbanoglu N. I., SALAMCI E., Senturk M., SUPURAN C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.6, pp.845-848, 2012 (SCI-Expanded)

XI. **A concise and stereospecific synthesis of some cyclitols containing eight-membered rings: cyclooctane-1,2,3,4-tetraoles**
Salamci E.
TETRAHEDRON, vol.66, no.23, pp.4010-4015, 2010 (SCI-Expanded)

XII. **FUMIGANT TOXICITY OF NORBORNANETETRAACETATE, CYCLOOCTANETETRAACETATE AND 7-OXANORBORNENE DERIVATIVE AGAINST THE STORED PRODUCT INSECT PEST Sitophilus granarius (L.)**

SALAMCI E., Aslan I., Calmasur O., KAZAZ C.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.18, no.5, pp.642-646, 2009 (SCI-Expanded)

XIII. **Chemical compositions, antimicrobial and herbicidal effects of essential oils isolated from Turkish Tanacetum aucheranum and Tanacetum chiliophyllum var. chiliophyllum**
Salamci E., Kordali S., Kotan R., CAKIR A., Kaya Y.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.35, no.9, pp.569-581, 2007 (SCI-Expanded)

XIV. **Stereospecific synthesis of bisdihydroxylated dicyclopentadiene**
Salamci E., Sahin E.
JOURNAL OF CHEMICAL RESEARCH-S, no.1, pp.62-64, 2007 (SCI-Expanded)

XV. **Beneficial interaction of nimesulide with NSAIDs**
Suleyman H., SALAMCI E., ÇADIRCI E., HALICI Z.
MEDICINAL CHEMISTRY RESEARCH, vol.16, no.2, pp.78-87, 2007 (SCI-Expanded)

XVI. **(1RS,2SR,6SR,7SR)-4,10-dioxatricyclo[5.2.1.0(2,6)]dec-8-en-3-one**
USTABAS R., Salamci E., CORUH U., VAZQUEZ-LOPEZ E. M., YAVUZ M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.62, 2006 (SCI-Expanded)

XVII. **Cyclooctane-1,2,5,6-tetrayl tetraacetate**
Salamci E., Ustabas R., Coruh U., Yavuz M., Vazquez-Lopez E. M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)

XVIII. **(2RS,3SR,5RS,6SR)-Bicyclo[2.2.1]heptane-2,3,5,6-tetryl tetraacetate**
USTABAS R., CORUH U., YAVUZ M., Salamci E., VAZQUEZ-LOPEZ E.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)

XIX. **Chemistry of bicyclic endoperoxides derived from dihydropyridine derivatives: Attempted synthesis of polyhydroxypiperidine derivatives**
Salamci E., BAYRAM B., BALCI M.
TURKISH JOURNAL OF CHEMISTRY, vol.30, no.4, pp.441-449, 2006 (SCI-Expanded)

XX. **A novel and short synthesis of (1,4/2)-cyclohex-5-ene-triol and its conversion to (+/-)-proto-quercitol**
Gultekin M. S., Salamci E., BALCI M.
CARBOHYDRATE RESEARCH, vol.338, no.16, pp.1615-1619, 2003 (SCI-Expanded)

XXI. **A concise and convenient synthesis of DL-proto-quercitol and DL-gala-quercitol via ene reaction of singlet oxygen combined with [2+4] cycloaddition to cyclohexadiene**
Salamci E., Secen H., SUTBEYAZ Y., BALCI M.
JOURNAL OF ORGANIC CHEMISTRY, vol.62, no.8, pp.2453-2457, 1997 (SCI-Expanded)

XXII. **A novel synthesis of DL-proto-, and DL-vibo-quercitol via 1,4-cyclohexadiene**
Salamci E., Secen H., SUTBEYAZ Y., BALCI M.
SYNTHETIC COMMUNICATIONS, vol.27, no.13, pp.2223-2234, 1997 (SCI-Expanded)

XXIII. **AN EFFICIENT AND STEREOSPECIFIC SYNTHESIS OF PROTO-QUERCITOL**
SECEN H., SALAMCI E., SUTBEYAZ Y., BALCI M.
SYNLETT, no.8, pp.609-610, 1993 (SCI-Expanded)

Articles Published in Other Journals

I. **The Chemistry of Tropone Endoperoxide: A New and Stereospecific Synthesis of ?,?,ß-Trioxa-Tris-?-Homotropone**
SEÇEN H., SUTBEYAZ Y., SALAMCI E., BALCI M.
Turk. J. Chem., vol.16, no.4, pp.237-245, 1992 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Regioselective Synthesis of β-Amino Acid Derivatives Containing Cyclooctane Ring**
Salamcı E.
21st ICS International Chemistry Congress (ICC 2022)-Tabriz, Tabriz, Iran, 26 - 28 July 2023, pp.283

II. **Efficient Synthesis of Diaminocyclooctane diols and Halogenated Derivatives**
AKYILDIZ V., SALAMCI E., KARAVAİZOĞLU U. N.
Uluslararası Katılımlı 4. Organik Kimya Kongresine (4th Organic Chemistry Congress (OrgChemTR-4)), 4 - 07 October 2018

III. **Novel synthesis of functionalized β-aminocyclooctanecarboxylicacids**
SALAMCI E., POLAT İ.
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017

IV. **Distinguished Scientists in Turkish and Islamic World**
SALAMCI E.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017

V. **Anticholinergic Effects of Some Eight Membered Ring Cyclitols Derivatives**
SALAMCI E., ŞENTÜRK M.
2nd International Turkic World Conference on Chemical Sciences and Technologies, Macedonia, 26 - 30 October 2016

VI. **Efficient Synthesis of Amino 9 Oxabicyclononaneol and Aminocyclooctanediol Derivatives**
SALAMCI E., POLAT İ., KARAVAİZOĞLU U. N.
2nd International Turkic World Conference on Chemical Sciences and Technologies, Macedonia, 26 - 30 October 2016

VII. **Synthesis of Halo and Aminocyclitols Containing Eight Membered Ring**
SALAMCI E., UFUK NUSRET K., ZOZİK Y.
1st International Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015

VIII. **Reaction of 9 oxabicyclo 4 2 1 non 7 ene 1 ol with tetrazine A new rearrangement**
MENZEK A., KAYA A. A., SALAMCI E., Ecer K.
13th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry (13th IbnSina), Hurgada, Egypt, 14 - 17 February 2015

IX. **Reaction of 9 oxabicyclo 4 2 1 non 7 ene l ol with tetrazine A new rearrangement**
MENZEK A., KAYA A. A., SALAMCI E., KADRİYE E.
13th Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry "Heterocyclic Chemistry for Sustainable Future", 14 - 17 February 2015

X. **Synthesis of Novel C8 Carbasugars as Glycosidase Inhibitors**
SALAMCI E., KADRİYE E., ZOZİK Y., AYŞE K., UFUK NUSRET K.
3-rd international conference of young scientists ''Chemistry Today 2013'', 17 - 19 May 2013

XI. **Development of Alternative Methodologies for the Synthesis of Cyclitols Containing Eight membered Ring as Glycosidase Inhibitors**
SALAMCI E., KADRİYE E., KİLİÇ A., ZOZİK Y., UFUK NUSRET K.
Frontiers of organometallic chemistry, FOC-2012 and 2nd Taiwan-Russian Symposium on Organometallic Chemistry, 21 October - 22 November 2012

XII. **Sekiz Üyeli Halka İçeren Aminosiklitollerin Sentezleri**
AYŞE K., ZOZİK Y., SALAMCI E.
26.Ulusal Kimya Kongresi, Turkey, 1 - 06 October 2012

XIII. **3 Siklohekzen 1 2 5 triol ün trans Hidroksilasyonu Üzerine Çalışmalar DL proto ve Dl vibo Quercitol ün Sentezi**
SALAMCI E., SEÇEN H., SÜTBEYAZ Y., BALCI M.
XI. Ulusal Kimya Kongresi, Turkey, 16 - 20 June 1997, pp.627

XIV. **Siklohekzanpentollerin Sentezi**
SALAMCI E., SEÇEN H., SÜTBEYAZ Y., BALCI M.

1. Organik Kimya Lisansüstü Öğrenci Sempozyumu, Turkey, 6 - 09 June 1996

XV. **Siklitoller Quercitol Toxocarol Aminoconduritol ve Conduritol Sentezleri**
SEÇEN H., MARAŞ A., SALAMCI E., GÜLTEKİN M. S., SÜTBEYAZ Y., BALCI M.
IX. Kimya ve Kimya Mühendisliği Sempozyumu, Turkey, 20 - 24 January 1993, pp.134

Supported Projects

AKBULUT N., MENZEK A., DAŞTAN A., EKİNCİ D., KILIÇ H., ÖZDEMİR H., KAZAZ C., SARAÇOĞLU N., ONGANER Y., ŞAHİN E., et al., Project Supported by Higher Education Institutions, Kimya Bölümünün Akademik Araştırma Potansiyelinin Geliştirilmesi, 2019 - 2021
SALAMCI E., Project Supported by Higher Education Institutions, 1,3- VE 1,5-SİKLOOKTADİEN'DEN ÇIKARAK BAZI AMİNOSİKLİTOL VE TÜREVLERİNİN SENTEZİ, 2014 - 2015
SALAMCI E., Project Supported by Higher Education Institutions, SEKİZ ÜYELİ HALKA İÇEREN DİAMİNOSİKLİTOL VE HALOSİKLİTOLLERİN SENTEZİ, 2013 - 2014
SALAMCI E., TUBITAK Project, Sekiz Üyeli Halka İçeren Aminosiklitollerin Sentezleri, 2010 - 2013
SALAMCI E., Project Supported by Higher Education Institutions, SEKİZ ÜYELİ HALKA İÇEREN BAZI SİKLLİTOL VE TÜREVLERİNİN SENTEZLERİ., 2010 - 2011
SALAMCI E., TUBITAK Project, Siklooktantetrol ve 2-Aminosiklooktantriol'lerin Sentezleri, 2007 - 2009
SALAMCI E., TUBITAK Project, 1,2- ve 1,4-Dihidropiridine Singlet Oksijenin Katılması: Tetra- ve pentahidroksipiperidinlerin Kısa ve Yeni Yöntemlerle Sentezleri, 1999 - 2000
SALAMCI E., TUBITAK Project, Conduritol, Aminoconduritol ve Quercitollerin Yeni ve Stereospesifik Yöntemle Sentezi, 1994 - 1997

Activities in Scientific Journals

ARKIVOC, Committee Member, 2014 - Continues
TURK. J. CHEM. , Editor, 2014 - 2014

Memberships / Tasks in Scientific Organizations

Kimyagerler Derneği, Member, 2014 - Continues

Scientific Refereeing

ARKIVOC, Journal Indexed in SCI-E, December 2022
Arkivoc, SCI Journal, October 2021
ARKIVOC, SCI Journal, May 2020
ARKIVOC, SCI Journal, September 2019
ARKIVOC, SCI Journal, May 2019
TURK. J. CHEM. , SCI Journal, January 2019
ARKIVOC, SCI Journal, January 2019
TURK. J. CHEM. , SCI Journal, June 2018

Scientific Consultations

TÜBİTAK-KBAG, Project Consultancy, Ataturk University, Fen Fakültesi, Kimya, Turkey, 2019 - Continues
TÜBİTAK-KBAG, Project Consultancy, Ataturk University, Fen Fakültesi, Kimya, Turkey, 2019 - 2019

TÜBİTAK-KBAG, Project Consultancy, Ataturk University, Fen Fakültesi, Kimya, Turkey, 2019 - 2019
ODTÜ Mustafa N. PARLAR Vakfı, Other, Ataturk University, Fen Fakültesi, Kimya, Turkey, 2018 - 2018

Metrics

Publication: 39
Citation (WoS): 396
Citation (Scopus): 355
H-Index (WoS): 9
H-Index (Scopus): 8

Congress and Symposium Activities

2nd Euro Chemistry Conference (June 17-19, 2019 in Valencia, Spain), Attendee, Valencia, Spain, 2019
2nd Euro Chemistry Conference (June 17-19, 2019 in Valencia, Spain), Session Moderator, Valencia, Spain, 2019
3rd International Turkic World Conference on Chemical Sciences and Technologies, Attendee, Baku, Azerbaijan, 2017
3rd International Turkic World Conference on Chemical Sciences & Technologies, Session Moderator, Baku, Azerbaijan, 2017
3rd International Turkic World Conference on Chemical Sciences & Technologies, Invited Speaker, Baku, Azerbaijan, 2017
2st International Turkic World Conference on Chemical Sciences and Technologies, Session Moderator, Skopje, Macedonia, 2016
2nd International Turkic World Conference on Chemical Sciences and Technologies, Attendee, Skopje, Macedonia, 2016
1st International Turkic World Conference on Chemical Sciences and Technologies, Attendee, Sarajevo, Bosnia And Herzegovina, 2015
1st International Turkic World Conference on Chemical Sciences and Technologies, Session Moderator, Sarajevo, Bosnia And Herzegovina, 2015
1. Ulusal Lisansüstü Öğrenci Kongresi, Session Moderator, Erzurum, Turkey, 1995

Scholarships

Doktora sonrası yurt-içi bursu, 1999-2000 (9 Ay), TUBITAK, 1999 - Continues