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Education Information

Doctorate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1990 - 1996

Post Graduate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 1988 - 1990

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Chemistry, Biochemistry, Bioorganic Chemistry, Inorganic Chemistry, Organometallic Chemistry, Organic Chemistry, Carbohydrate Chemistry, Organic Reaction Mechanisms, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ege Üniversitesi, Fen Fakültesi, Kimya, 2014 - Continues

Assistant Professor, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2002 - 2014

Research Assistant, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1988 - 2002

Professional Experience

Courses

Karbohidrat Kimyası, Doctorate, 2017 - 2018

Kimyasal Risk Etmenleri, Under Graduate, 2017 - 2018

İsim Tepkimeleri, Doctorate, 2016 - 2017

Advising Theses

SALMAN A. Y. , Novel tricyclic glycosyl donors and their applications to glycosylation reactions, Post Graduate, B.NURÇİN(Student), 2015

SALMAN A. Y. , Synthesis of new sugar based monomers and an investigation of the thermal properties of their polymers, Doctorate, M.KORUYUCU(Student), 2014

SALMAN A. Y. , The synthesis of some nitrogen-containing sugar derivatives, Post Graduate, P.CLAVER(Student), 2013

SALMAN A. Y. , Synthesis of some cardiac sugars, Doctorate, G.KÖK(Student), 2011

SALMAN A. Y. , The reactions of some sugar derivatives with epichlorohydrin and the ring opening reactions of sugar epoxides, Post Graduate, S.YİĞİTKAYA(Student), 2010

SALMAN A. Y. , Synthesis of C-glycosides using wittig derivatives of sugar, Post Graduate, M.KORUYUCU(Student), 2008

SALMAN A. Y. , Synthesis of trichloroethylidene acetals of some sugars and formation of orthoester therefrom, Post Graduate, G.KÖK(Student), 2004

SALMAN A. Y. , Oxidations of chloralose derivatives and attempted ring closure reactions, Post Graduate, Ö.ERDEM(Student), 2004

SALMAN A. Y. , An investigation of the molecular recognition of sugars by chiral host compounds derivated from cyclodextrin and calix (4) arenes by NMR and molecular model calculations, Post Graduate, M.ATAR(Student), 2004

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

- I. **Synthesis, characterization and biological application of dinuclear Cu(II) complexes of Schiff base ligands of galactochloralose and alpha-chloralose**
Salman Y., Barlas F. B. , Yavuz M., Kaya K., Timur S., Telli F. C.
INORGANICA CHIMICA ACTA, vol.483, pp.98-105, 2018 (Journal Indexed in SCI)
- II. **Mannose based polymeric nanoparticles for lectin separation**
Demir E. F. , Atay N. O. , Koruyucu M., Kök G., SALMAN A. Y. , AKGÖL S.
SEPARATION SCIENCE AND TECHNOLOGY, vol.53, pp.2365-2375, 2018 (Journal Indexed in SCI)
- III. **Synthesis, characterization, and antimicrobial activities of novel monosaccharide-containing Schiff base ligands**
Telli F. C. , ASTLEY S. T. , SALMAN A. Y.
TURKISH JOURNAL OF CHEMISTRY, vol.41, pp.370-380, 2017 (Journal Indexed in SCI)
- IV. **Newly synthesized furanoside-based NHC ligands for the arylation of aldehydes**
DENİZALTI S., CETIN TELLI F., YILDIRAN S., SALMAN A. Y. , CETINKAYA B.
TURKISH JOURNAL OF CHEMISTRY, vol.40, pp.689-697, 2016 (Journal Indexed in SCI)
- V. **The Fatty Acid Profile of the Marine Cephalopod Loligo vulgaris The Journal of Aquaculture Bamidgeh**
SALMAN A. Y. , SALMAN M. A.
Israeli Journal Of Aquaculture-Bamidgeh, vol.59, pp.133-136, 2007 (Journal Indexed in SCI)
- VI. **Chlorodeoxy derivatives from D-galactochloralose**
MAKİNABAKAN Ö., SALMAN A. Y. , YÜCEER L.
CARBOHYDRATE RESEARCH, vol.280, pp.339-343, 1996 (Journal Indexed in SCI)
- VII. **TRICYCLIC ORTHO ESTER FORMATION FROM TRICHLOROETHYLIDENE ACETALS OF SUGARS VIA KETENE ACETALS**
SALMAN A. Y. , MAKİNABAKAN Ö., YÜCEER L.
TETRAHEDRON LETTERS, vol.35, pp.9233-9236, 1994 (Journal Indexed in SCI)
- VIII. **Room Temperature Generation of Dehydrogebatated Colophony: Solar Chemical Production**
İÇLİ S., BULUT A., SALMAN A. Y.
TURKISH JOURNAL OF CHEMISTRY, vol.16, pp.289-292, 1992 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Oxidation Products of Chloralose Derivatives**
ERDEM Ö., GÖKHAN K., SALMAN A. Y.

Ege Üniversitesi Fen Fakültesi Dergisi, vol.34, pp.1-6, 2010 (National Refreed University Journal)

II. Atık Kağıtlardan Ağırılarak Sanayide Yeniden Kullanılır Hale getirilmesi

SALMAN A. Y. , AVCIBAŞI H.

Ege Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, pp.45-48, 1991 (National Refreed University Journal)

Books & Book Chapters

I. Aromatik Bileşikler

SALMAN A. Y.

in: Genel Kimya 4 Organik Kimya, Canan Nakiboğlu, Editor, Anı Yayın evi, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. Synthesis, Characterization and Biological Application of Furanoside-based NHC Ligands**
ÇETİN TELLİ F., DENİZALTI S., YAVUZ M., TİMUR S., SALMAN A. Y.
4th International Congress on Applied Biological Sciences (ICABS), Eskişehir, Turkey, 3 - 05 May 2018, pp.64
- II. Şeker bazlı NHC Ligantlarının Sentezleri, Karakterizasyonları ve Biyolojik Uygulamaları**
TELLİ F., DENİZALTI S., YAVUZ M., TİMUR S., SALMAN A. Y.
4th INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCES, Eskişehir, Turkey, 03 May 2018, pp.1
- III. Thermokinetic Analysis of the Novel Biodegradable α -Chloralose Based Styrene co-Polymer**
ÇETİN TELLİ f., SALMAN A. Y. , YILDIRIM Y.
The International (ISCMP) Joint Science Congress of Materials and Polymers, 25 - 28 August 2017, pp.21
- IV. Glikonanopartiküllerin Sentezleri, Karakterizasyonları ve Biyolojik Uygulamaları**
TELLİ F., DEMİR B., BARLAS F. B. , GULER E., TİMUR S., SALMAN A. Y.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017
- V. Synthesis , characterization and biological application of binuclear Cu(II) complex of Schiff base derivative of galactochloralose.**
TELLİ F., BARLAS F. B. , YAVUZ M., TİMUR S., SALMAN A. Y.
4. BAU DRUG DESIGN Congress, İstanbul, Turkey, 13 October 2016, pp.1-2
- VI. PP 43 Synthesis characterization and biological application of binocular Cu II complex of Schiff base derivative of galactochlorolose**
Telli F. Ç. , BARLAS B., YAVUZ M., TİMUR S., SALMAN A. Y.
4. International BAU Drug Design Congress, 13 - 15 October 2016
- VII. EAP616201 Synthesis Characterization catalitic and biological application of new sugar based schiff base derivatives**
Telli F. Ç. , SALMAN A. Y.
Eminent Association of Researchers in Biological & Medical Sciences (EARBM), 2 - 03 June 2016
- VIII. Synthesis, Characterization, Catalitic and Biological Application of New Sugar Based Schiff Base Derivatives.**
TELLİ F., SALMAN A. Y.
International Research Conference on Chemical, Biological and Medical Sciences (RCCBMS-2016), Antalya, Turkey, 02 June 2016, pp.49
- IX. Lectins Purification Based on New Generation Cryogelic Composite Systems Containing Carbohydrate Based Polymeric Nanoparticles**
SENAY R. H. , KORUYUCU M., AYHAN E., BAĞLAMIŞ S., SALMAN A. Y. , AKGÖL S.
International Koycegiz Meetings 2015, 6 - 12 September 2015
- X. Yeni Şeker Bazlı Sorbik Monomerler**
KORUYUCU M., KÖK G., SALMAN A. Y.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, pp.713
- XI. **Karbhidrat Esaslı Yeni Monomerlerin Sentezi ve Karakterizasyonu**
YILDIRAN S., KÖK G., SALMAN A. Y.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, pp.723
- XII. **D-Guloz için Yeni Bir Amino Şeker Türevinin Sentezi**
AK B. N. , KÖK G., SALMAN A. Y.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, pp.465
- XIII. **Mannoz Temelli Nanopartiküllerin Sentezi, Karakterizasyonu ve Con A Saflaştırılmasında Kullanımlarının İncelenmesi**
FEYZİOĞLU E., ÖZTÜRK ATAY N., KORUYUCU M., KÖK G., SALMAN A. Y. , AKGÖL S.
8. Ulusal Afinite Teknikleri Kongresi, Konya, Turkey, 04 September 2014, pp.15
- XIV. **Tridentate Ligands Derived from Aminosugar Derivative for the Cu II Mediated Asymmetric Henry Reaction**
TELLİ F. , Alkan S., SALMAN A. Y. , ASTLEY S. T.
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 August 2013, pp.1
- XV. **Preparations of Sugar Based Acrylic Polymers**
KORUYUCU M., SALTAN F., KÖK G., AKAT H., SALMAN A. Y.
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 August 2013, pp.982
- XVI. **Baz ekerlerin Trisiklik Dikloroasetil Ortoesterlerinin Ya Asidi Esterleri**
KORUYUCU M., KÖK G., SALMAN A. Y.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June 2011, pp.255
- XVII. **D-Dijitaloz'un Alternatif Sentezi**
KÖK G., SALMAN A. Y.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June 2011, pp.194
- XVIII. **Karbohidrat Epoksitlerinin Halka Açılmas Reaksiyonları**
Yiğitkaya S., KÖK G., SALMAN A. Y.
25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June 2011, pp.399
- XIX. **D-Akofioz'un İlk Sentezi**
KÖK G., SALMAN A. Y.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June 2010, pp.954
- XX. **Bazı Şekerlerin Epiklorohidrin ile Reaksiyonları ve Türevleri**
Yiğitkaya S., KÖK G., SALMAN A. Y.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June 2010, pp.903
- XXI. **Yeni Karbohidrat Ortoesterleri**
KÖK G., SALMAN A. Y.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 June 2009
- XXII. **Şekerlerin Wittig Türevleri Yoluyla C-Glikozitlerin Sentezleri**
KORUYUC M., KÖK G., SALMAN A. Y.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 June 2009
- XXIII. **Trikloroetiliden Grupları İçeren Aminoşeker Türevlerinin Hazırlanmaları**
KÖK G., SALMAN A. Y. , Yüceer L.
19. Ulusal Kimya Kongresi, İzmir, Turkey, 30 September 2005, pp.935
- XXIV. **D-Mannofuranoid Trisiklik Dikloroasetil Ortoesterleri**
KÖK G., SALMAN A. Y. , Yüceer L.
18. Ulusal Kimya Kongresi, Kars, Turkey, 05 July 2004, pp.846
- XXV. **Kondense Aromatik Halkalı Lüminesant Bileşiklerin Güneş Enerjisi Dönüşümü ve Depolanması**
SALMAN A. Y.
VII Kimya ve Kimya Mühendisliği Sempozyumu, Gazimagusa, Cyprus (Kktc), 02 April 1991, pp.1

Other Publications

I. Organik Kimya III Ders Notları

ALANKUŞ Ö., SALMAN A. Y.

Lecture Note, pp.200, 2001

Supported Projects

SALMAN A. Y. , ÖZGÜNEY A. T. , ÖCAL A., Project Supported by Higher Education Institutions, PAMUKLU KUMAŞLARIN YANMAYA KARŞI DİRENÇLERİNİN ATTIRILMASI, 2016 - 2019

SALMAN A. Y. , Project Supported by Higher Education Institutions, KLORALOZ ESASLI YENİ POLİMERİK MONOMERLERİN SENTEZLERİ, 2015 - 2016

SALMAN A. Y. , Project Supported by Higher Education Institutions, AMİNO ŞEKER TÜREVLERİNİN ÜÇ DİŞLİ LİGANTLARININ CU(II)ARACILIĞI İLE ASİMETRİK REAKSİYONU, 2014 - 2016

SALMAN A. Y. , Project Supported by Higher Education Institutions, YENİ TRİSİKLİK GLİKOZİL DONÖRLER VE GLİKOZİLASYON REAKSİYONLARINA UYGULAMALARI, 2014 - 2016

SALMAN A. Y. , Project Supported by Higher Education Institutions, BAZI ŞEKERLERİN AZOT İÇEREN TÜREVLERİNİN SENTEZİ, 2012 - 2013

SALMAN A. Y. , TUBITAK Project, Bazı Kardiyak Şekerlerin Sentezleri, 2010 - 2011

SALMAN A. Y. , Project Supported by Higher Education Institutions, BAZI ŞEKER TÜREVLERİNİN EPİKLOROHİDRİN İLE REAKSİYONLARI VE ŞEKERE EPOKSİTLERİNİN HALKA AÇILMA REAKSİYONLARI, 2009 - 2011

SALMAN A. Y. , Project Supported by Higher Education Institutions, AZOT İÇEREN MONOSAKKARİT TÜREVLERİ VE REAKSİYONLARI, 2006 - 2010

SALMAN A. Y. , Project Supported by Higher Education Institutions, BAZI ŞEKERLERİN WITTING TÜREVLERİ KULLANILARAK C-GİLİKOZİTLERİN SENTEZLERİ, 2008 - 2009

SALMAN A. Y. , Project Supported by Higher Education Institutions, BAZI ŞEKERLERİN TRİKLOROETİLİDEN ASETALLERİNİN SENTEZLERİ VE ORTO ESTER ELDESİ, 2004 - 2009

SALMAN A. Y. , Project Supported by Higher Education Institutions, BAZI KARBONHİDRATLARIN TRİHALOETİLİDEN ASETALLERİNİN SENTEZLERİ VE ÇEŞİTLİ REAKSİYONLARI, 1993 - 1997

SALMAN A. Y. , Project Supported by Higher Education Institutions, ATIK KAĞITLARIN TEMİZLENMESİ VE AĞIRILARAK TEKRAR KAĞIT ENDÜSTRİSİNDE KULLANILIR HALE GETİRİLMESİ, 1989 - 1990

Memberships / Tasks in Scientific Organizations

Member, 2001 - Continues

Scientific Refereeing

Turkish journal of chemistry, SCI Journal, December 2018

Turkish journal of chemistry, SCI Journal, May 2017

Medicinal Chemistry Research, SCI Journal, May 2016

Turkish journal of chemistry, SCI Journal, April 2012

Citations

Total Citations (WOS):20

h-index (WOS):2