

Prof. Metin TÖLÜ

Personal Information

Office Phone: [+90 212 383 4223](tel:+902123834223)

Email: mtulu@yildiz.edu.tr

Other Email: tulumetin@gmail.com

Web: <http://avesis.yildiz.edu.tr/mtulu/>

Address: Yıldız Teknik Üniversitesi Fen-Edebiyat Fakültesi Kimya Bölümü Davutpaşa Yerleşkesi 34220 Esenler, İSTANBUL

International Researcher IDs

ORCID: 0000-0001-9791-4922

Yoksis Researcher ID: 123793

Education Information

Post Doctorate, University of Akron, School of Polymer Science and Polymer Engineering, Polymer Science, United States Of America 2000 - 2002

Doctorate, Eberhard Karls Universitaet Tübingen, Fakultät für Chemie und Pharmazie, Organische Chemie, Germany 1994 - 1999

Undergraduate, Middle East Technical University, Faculty Of Education, Kimya Eğitimi, Turkey 1984 - 1989

Foreign Languages

German, C2 Mastery

English, C2 Mastery

Dissertations

Doctorate, Synthese, Charakterisierung und Metall-Ionen-Wechselwirkungen von wasserlöslichen makromolekularen Liganden (Synthesis, Characterization, and Metal ion interactions of water soluble Macromolecular Ligands, Eberhard Karls Universitaet Tübingen, Faculty of Chemistry and Pharmacy, Chemistry, 1999

Research Areas

Chemistry, Magnetic Resonance Spectroscopy, Sensors, Organic Chemistry, Chemistry of Macromolecules, Organic Reaction Mechanisms, Organic Spectroscopy, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2014 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2010 - 2014

Courses

Advanced Spectroscopic Techniques, Doctorate, 2023 - 2024

Organic Chemistry I, Undergraduate, 2016 - 2017

Genel Kimya I, Undergraduate, 2016 - 2017

Advising Theses

Tülü M., Spectroscopic and rheological analysis of polyester polyols, Postgraduate, B.TAYLANLI(Student), 2021

Tülü M., Farklı molekül ağırlığına sahip Poli(Vinil Alkol)lerle sentezlenen Poli(Vinil Asetat -ko- 2 Etilheksil Akrilat) Toz Polimerinin çimento performansına etkileri, Postgraduate, K.BOZKURT(Student), 2021

Tülü M., Synthesis of dendronized polymers by ring opening metathesis polymerization techniques and investigation of biological activities, Doctorate, M.NAZRUL(Student), 2020

TÜLÜ M., PAMAM Türü Dendrimerlere Katalitik Özellik Kazandırılması, Postgraduate, K.Harmandar(Student), 2016

Tülü M., Mikrodalga destekli yeni nesil PAMAM türü dendrimerlerin sentezi ve ilaç taşıyıcı özelliklerinin araştırılması, Doctorate, M.Ulvi(Student), 2016

Tülü M., Makrosiklik eter ve türevlerinin sentezi, karakterizasyonu, iyon geçirgenliği ve biyolojik aktivitelerini incelenmesi, Postgraduate, Z.Söyler(Student), 2015

Tülü M., Synthesis of Ionic Liquid Crystal Dendrimers and Investigation of Their Mesomorphic Properties, Doctorate, H.Nezih(Student), 2015

Tülü M., Bozdoğan A. E., Mikrodalga Destekli Yeni PAMAM Türü Dentrimer Sentezi ve Analitik/Kemometrik Uygulamaları, Doctorate, A.Serol(Student), 2014

Tülü M., Makromoleküler ligandlar ve metal komplekslerinin sentezi, karakterizasyonu ve biyolojik özellikleri, Postgraduate, S.Usta(Student), 2011

Tülü M., Mikrodalga yöntemiyle yeni pamam türü dendrimerlerin sentezi ve biyokimyasal özelliklerinin araştırılması, Postgraduate, E.Çalık(Student), 2009

Tülü M., Mikrodalga destekli yeni PAMAM türü dendrimerlerin sentezi ve analitik uygulamaları, Postgraduate, C.Dızman(Student), 2008

Tülü M., Suda Çözünür Dentritik Makromolekül Sentezi ve Karakterizasyonu, Postgraduate, M.Şenel(Student), 2007

Tülü M., Dentritik Makromoleküller için Monomoer Sentezi, Postgraduate, Y.Duran(Student), 2004

Jury Memberships

Associate Professor Exam, Associate Professor Exam, December, 2017

Associate Professor Exam, Associate Professor Exam, October, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

I. Free-Volume analysis of PAMAM dendrimers by means of positron annihilation lifetime spectroscopy

Yumak Yahsi A., Uzun H., Altunkaya A. N., Unalkizilirmak A., TÜLÜ M., TAV C., YAHŞI U.
Journal of Molecular Structure, vol.1302, 2024 (SCI-Expanded)

II. Synthesis of dendronized PAMAM grafted ROMP polymers

Islam M. N., Çetinkaya I. C., EREN T., TÜLÜ M.
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, vol.60, no.4, pp.282-296, 2023 (SCI-Expanded)

III. Metal adsorption properties of multi-functional PAMAM dendrimer based gels

BASKIN D., YILMAZ Ö., Islam M. N., TÜLÜ M., KOYUNCU İ., EREN T.
JOURNAL OF POLYMER SCIENCE, vol.59, no.14, pp.1540-1555, 2021 (SCI-Expanded)

IV. Amphiphilic water soluble cationic ring opening metathesis copolymer as an antibacterial agent

Islam M. N., Aksu B., Guncu M., Gallei M., TÜLÜ M., EREN T.

JOURNAL OF POLYMER SCIENCE, vol.58, no.6, pp.872-884, 2020 (SCI-Expanded)

- V. **Tumor-Induced Myeloid Cells Are Reduced by Gemcitabine-Loaded PAMAM Dendrimers Decorated with Anti-Flt1 Antibody**
Yoyen-Ermis D., Ozturk-Atar K., KURŞUNEL M. A., Aydın C., Ozkazanc D., Gurbuz M. U., ÜNER A., TÜLÜ M., ÇALIŞ S., ESENDAĞLI G.
MOLECULAR PHARMACEUTICS, vol.15, no.4, pp.1526-1533, 2018 (SCI-Expanded)
- VI. **Evaluation of Jeffamine (R) Core PAMAM Dendrimers for Simultaneous Removal of Divalent Heavy Metal Ions from Aqueous Solutions by Polymer Assisted Ultrafiltration**
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.
ACTA CHIMICA SLOVENICA, vol.65, no.1, pp.65-74, 2018 (SCI-Expanded)
- VII. **Complexation of ibuprofen with water soluble p-sulfonatocalix [4] arene: A potential candidate for drug delivery application**
Khokhar T. S., Memon S., Panhwar Q. K., Memon F. N., Memon A. A., Samejo M. Q., Muneer ., TÜLÜ M.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.30, no.3, pp.783-788, 2017 (SCI-Expanded)
- VIII. **Simultaneous quantification of Myelin Basic Protein and Tau proteins in cerebrospinal fluid and serum of Multiple Sclerosis patients using nanoimmunosensor**
Derkus B., Bozkurt P. A., TÜLÜ M., Emregul K. C., Yucesan C., Emregul E.
BIOSENSORS & BIOELECTRONICS, vol.89, pp.781-788, 2017 (SCI-Expanded)
- IX. **The effect of PAMAM dendrimer concentration, generation size and surface functional group on the aqueous solubility of candesartan cilexetil**
Erturk A. S., Gurbuz M. U., TÜLÜ M.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.22, no.1, pp.111-121, 2017 (SCI-Expanded)
- X. **Effective targeting of gemcitabine to pancreatic cancer through PEG-cored Flt-1 antibody-conjugated dendrimers**
Ozturk K., ESENDAĞLI G., GÜRBÜZ M. U., TÜLÜ M., ÇALIŞ S.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.517, pp.157-167, 2017 (SCI-Expanded)
- XI. **Application of chemometric methods to the purity analysis of PAMAM dendrimers**
Erturk A. S., Bozdogan A. E., Tulu M.
CHEMICAL PAPERS, vol.71, no.1, pp.127-135, 2017 (SCI-Expanded)
- XII. **Synthesis of surface-modified TREN-cored PAMAM dendrimers and their effects on the solubility of sulfamethoxazole (SMZ) as an analog antibiotic drug**
Gurbuz M. U., Erturk A. S., TÜLÜ M.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.22, no.5, pp.678-689, 2017 (SCI-Expanded)
- XIII. **A study of dendritic ionic liquid crystals: Using (S)-4-citronellyloxybenzoic acid and polypropylene imine dendrimers**
TURKCU H. N., OCAK H., GURBUZ M. U., ÇAKAR F., Bilgin-Eran B., TÜLÜ M.
JOURNAL OF MOLECULAR LIQUIDS, vol.216, pp.209-215, 2016 (SCI-Expanded)
- XIV. **Preparation of Cu Nanocomposites from EDA, DETA, and Jeffamine Cored PAMAM Dendrimers with TRIS and Carboxyl Surface Functional Groups**
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.
ACTA CHIMICA SLOVENICA, vol.63, no.4, pp.763-771, 2016 (SCI-Expanded)
- XV. **Cytotoxicity and biodistribution studies on PEGylated EDA and PEG cored PAMAM dendrimers**
Gurbuz M. U., Ozturk K., Erturk A. S., Yoyen-Ermis D., ESENDAĞLI G., ÇALIŞ S., TÜLÜ M.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.27, no.16, pp.1645-1658, 2016 (SCI-Expanded)
- XVI. **CHARACTERIZATION OF Co(II)-PAMAM DENDRIMER COMPLEXES WITH POLYPROPYLENE OXIDE CORE BY USING UV-VIS SPECTROSCOPY**
Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.
Macedonian Journal of Chemistry and Chemical Engineering, vol.35, no.2, pp.263-270, 2016 (SCI-Expanded)
- XVII. **Water-soluble TRIS-terminated PAMAM dendrimers: microwave-assisted synthesis, characterization and Cu(II) intradendrimer complexes**

- Erturk A. S., GÜRBÜZ M. U., TÜLÜ M., BOZDOĞAN A. E.
RSC ADVANCES, vol.5, no.74, pp.60581-60595, 2015 (SCI-Expanded)
- XVIII. **Microwave assisted synthesis of Jeffamine cored PAMAM dendrimers**
Erturk A. S., TÜLÜ M., BOZDOĞAN A. E., Parali T.
EUROPEAN POLYMER JOURNAL, vol.52, pp.218-226, 2014 (SCI-Expanded)
- XIX. **Cytotoxicity and in vitro characterization studies of synthesized Jeffamine- cored PAMAM dendrimers**
Ozturk K., Erturk A. S., Sansozen C., TÜLÜ M., ÇALIŞ S.
JOURNAL OF MICROENCAPSULATION, vol.31, no.2, pp.127-136, 2014 (SCI-Expanded)
- XX. **Inorganic-organic polymer electrolytes based on poly(vinyl alcohol) and borane/Poly(ethylene glycol) monomethyl ether for Li-ion batteries**
Aydin H., Senel M., Erdemi H., Baykal A., Tulu M., Ata A., Bozkurt A.
JOURNAL OF POWER SOURCES, vol.196, no.3, pp.1425-1432, 2011 (SCI-Expanded)
- XXI. **Photopolymerization of acrylamide with benzophenone/methylated-beta-cyclodextrin inclusion complex in the presence of jeffamine based dendrimers as coinitiators in aqueous media**
Temel G., Parali T., Tulu M., ARSU N.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.213, no.1, pp.46-51, 2010 (SCI-Expanded)
- XXII. **A novel intrinsically proton conducting star-shaped imidazole terminated oligomers**
Senel M., Tuelue M., Bozkurt A.
IONICS, vol.15, no.4, pp.421-426, 2009 (SCI-Expanded)
- XXIII. **Synthesis, characterization and antimicrobial activity of water soluble dendritic macromolecules**
Tulu M., Aghatabay N. M., Senel M., Dizman C., PARALI T., Dulger B.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.3, pp.1093-1099, 2009 (SCI-Expanded)
- XXIV. **Dendritic polychelatogens: Synthesis, characterization, and metal ion binding properties**
Tuelue M., Senel M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.109, no.5, pp.2808-2814, 2008 (SCI-Expanded)
- XXV. **FT-Raman, FT-IR and NMR spectra, vibrational assignments and density functional studies of 1,3-bis(benzimidazol-2-yl)-2-thiapropane ligand and its Zn(II) halide complexes**
Aghatabay N. M., Tulu M., Somer M., Hacıu D., Yilmaz A.
STRUCTURAL CHEMISTRY, vol.19, no.1, pp.21-32, 2008 (SCI-Expanded)
- XXVI. **FT-Raman, FT-IR, NMR structural characterization and antimicrobial activities of 1,6-bis(benzimidazol-2-yl)-3,4-dithiahexane ligand and its Hg(II) halide complexes**
Aghatabay N. M., Tulu M., Mahmiani Y., Somer M., Dulger B.
STRUCTURAL CHEMISTRY, vol.19, no.1, pp.71-80, 2008 (SCI-Expanded)
- XXVII. **Synthesis and proton conductivity of anhydrous dendritic electrolytes**
Senel M., Tuelue M., Bozkurt A.
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.5, no.2, pp.546-556, 2007 (SCI-Expanded)
- XXVIII. **Poly(ethyleneglycol methacrylate phosphate) and heterocycle based proton conducting composite materials**
Kufaci M., Bozkurt A., Tulu M.
SOLID STATE IONICS, vol.177, pp.1003-1007, 2006 (SCI-Expanded)
- XXIX. **Synthesis and properties of hydrophilic polymers. Part 7. Preparation, characterization and metal complexation of carboxy-functional polyesters based on poly(ethylene glycol)**
Tulu M., GECKELER K.
POLYMER INTERNATIONAL, vol.48, no.9, pp.909-914, 1999 (SCI-Expanded)

Articles Published in Other Journals

1. **New-generation Jeffamine (R) D230 core amine, TRIS and carboxyl-terminated PAMAM dendrimers:**

Synthesis, characterization and the solubility application for a model NSAID drug Ibuprofen

Erturk A. S., GÜRBÜZ M. U., TÜLÜ M.

MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.2, pp.385-399, 2017 (ESCI)

II. Residues of the herbicide diclofop methyl in soil and wheat

VURAL H., KAYIŞ S. A., TÜLÜ M.

Journal of Food, Agriculture & Environment, vol.13, no.1, pp.114-116, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

I. 1- Bağlar ve Molekül Yapısı, 2-Karbon Bileşikleri Topluluğu

TÜLÜ M.

in: Organik Kimya 11.Basımdan Çeviri, Prof. Dr. Cavit Uyanık, Editor, Literatür -Yayınılık, İstanbul, pp.1-97, 2016

II. Karbon Bileşikleri ve Kimyasal Bağlar +

Snyder S., Fryhle C. B., Graham S., TÜLÜ M., UYANIK C., SEVİN DÜZ F., ÖCAL SUNGURUĞLU Z. N., YUSUFOĞLU A. S., NEBİOĞLU M., GÜVEN A., et al.

in: Organik Kimya 11 Basım dan Çeviri CİLTİİ Graham Solomons, Uyanık, Cavit, Editor, Literatür Yayınılık, İstanbul, pp.1-110, 2016

III. Kimyasal Baplar

TÜLÜ M.

in: Kimya 1, Mehmet TÜFEKÇİ , Serdar KARABÖCEK , Selami KARSLIOĞLU , Ahmet DEMİRBAŞ, Editor, Nobel Akademik Yayınılık, Ankara, pp.250-280, 2014

IV. Dendrimers as Antibacterial Agents

TÜLÜ M., ERTÜRK A. S.

in: Kimya, Varaprasad Bobbarala, Editor, Intech Pub, 51000 Rijeka, pp.89-106, 2012

V. Photopolymerization of Acrylamide with Benzophenone/Methylated-β-Cyclodextrin Inclusion Complex in the presence of Jeffamine Based Dendrimers as Coinitiators in Aqueous Media

Temel İ. G., Paralı T., Tülü M., Arsu N.

in: Cyclodextrins: Chemistry and Physics, Jie Hu, Editor, Transworld Research Network, Thiruvananthapuram, pp.0-1, 2010

Refereed Congress / Symposium Publications in Proceedings

I. Preperation Graphene oxide-poly(amidoamine) dendrimer nanohybrid material modified electrode for enhancing capacitance

Islam M. N., Keskin B., Tülü M.

13th International Conference on Electrochemistry, Barcelona, Spain, 27 - 28 May 2019, vol.10, no.1, pp.46

II. Electrochemical Behaviors of Pt Nanoparticles Supported PAMAM Dendrimers Functionalized with Graphene Oxide

TÜLÜ M.

20. Frühjahrssymposium-2018, 21 March 2018

III. Effective targeting of gemcitabine to pancreatic cancer through PEG-cored Flt-1 antibody-conjugated dendrimers

ÖZTÜRK K., ESENDAĞLI G., Gürbüz M. U., TÜLÜ M., ÇALIŞ S.

Advanced School in Nanomedicine, 25 - 28 September 2017

IV. A study of Dendritic Properties on Drug Solubility Concentration Generation Number and Surface Functionality

Gürbüz M. U., ERTÜRK A. S., TÜLÜ M.

46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016

V. Surface Modifiable Dendrimers as Efcient DrugCarriers of Sulfamethoxazole SMZ as ModelDrug

- Gürbüz M. U., ERTÜRK A. S., TÜLÜ M.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- VI. **Introducton of Catalytcal Property to thePAMAM type Dendrimers**
Gürbüz M. U., ERTÜRK A. S., TÜLÜ M.
46th IUPAC World Polymer Congress (MACRO 2016), İstanbul, Turkey, 17 - 21 July 2016
- VII. **Mikrodalga Destekli PAMAM Türü Dendrimerlerin Sentezi Yüzey Modifikasyonu ve Analitik Uygulamaları**
TÜLÜ M., ERTÜRK A. S., BOZDOĞAN A. E.
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, vol.1, pp.17
- VIII. **Jeffamine Çekirdekli Dendrimer Kapsüllenmiş Metal NanoparçacıklarınSentezi ve UV Vis Karakterizasyonu**
TÜLÜ M., ERTÜRK A. S., BOZDOĞAN A. E.
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, vol.1, pp.55
- IX. **Poliamidoamin (PAMAM) Dendrimerlere İyonik Sıvı Kristal Özellik Kazandırılması,S12**
TURKCU H. N., TÜLÜ M., OCAK H., BİLGİN ERAN B.
V. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Tokat, Turkey, 01 September 2014, pp.22
- X. **Polipropilenimin (PPI) Dendrimerlerin Mono-Sübstitüe Benzoik Asit İle İyonik Sıvı Kristal Çalışmaları, P55**
TURKCU H. N., TÜLÜ M., OCAK H., BİLGİN ERAN B.
V. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Tokat, Turkey, 01 September 2014, pp.117
- XI. **POLİAMİDOAMİNE (PAMAM) DENDRİMERLERE İYONİK SIVI KRİSTALİK ÖZELLİK KAZANDIRILMASI**
TÜLÜ M., Ocak H., Eran B. B.
V. Ulusal Polimer Bilim Ve Teknoloji Kongresi, 01 September 2014
- XII. **POLİPROPİLENİMİNE PPI DENDRİMERLERİN MONO SÜBSTİTÜTE BENZOİK ASİT İLEİYONİK SIVI KRİSTAL ÇALIŞMALARI**
TÜLÜ M., OCAK H., BİLGİN ERAN B.
V.Ulusal Polimer Bilim ve Teknolojisi Kongresi, Tokat, Turkey, 1 - 04 September 2014, vol.1, pp.117
- XIII. **Synthesis Of Dendritic Macroramolecules And Their Metal Complexation Studies**
TÜLÜ M., ERTÜRK A. S., BOZDOĞAN A. E.
44 World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, vol.1, pp.517
- XIV. **Selective Metal Complexation Of Novel Dendritic Macromolecules**
ERTÜRK A. S., PARALI T., BOZDOĞAN A. E., TÜLÜ M.
44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, vol.2, pp.1276
- XV. **Determination of the Proton Binding Constants of Dendrimers with Hyperquad**
BOZDOĞAN A. E., Tülü M.
44th World Chemistry Congress, 01 August 2013
- XVI. **PAMAM Tipi Dendrimerlerde Yüzey Modifikasyonu**
Paralı T., BOZDOĞAN A. E., Tülü M.
26. Ulusal Kimya Kongresi, 01 October 2012
- XVII. **PAMAM Dendrimerlerin İlaç Salınım Sistemleri Uygulamaları**
Paralı T., Tülü M., BOZDOĞAN A. E.
26. Ulsal Kimya Kongresi, 01 October 2012
- XVIII. **Effect of Generation Number and Concentration on In Vitro Characterization and Cytotoxicity of Dendrimers**
Sarisözen C., Çalıř S., TÜLÜ M.
2012 AAPS Annual Meeting and Exposition, 01 October 2012
- XIX. **Dendrimers as Potentials Drug Carriers, Microwave Assisted Synthesis of Pamam Type Dendrimers**
TÜLÜ M.
Symposium on Drug Research and Development, From Chemistry to Medicine, 01 May 2011, vol.1, pp.35-36
- XX. **Drug-Dendrimer Complex: Novel and Potential Systems for Oral Antiinflammatory Drug Delivery**
TÜLÜ M., Çalıř S.

2011 AAPS Annual Meeting and Exposition, 01 May 2011

- XXI. **Pharmological Investigation of PPO Based Dendritic Macromolecules**
TÜLÜ M., Paralı T.
MAM-08, 4th IUPAC-Sponsored International Symposium on Macro-and Supramolecular Architectures and Materials Synthesis, Properties and Applications, 01 September 2008
- XXII. **Microwave-Assisted Synthesis of Novel PAMAM type Dendrimers and Their catalytical Activities**
TÜLÜ M., Dızman C.
2nd Symposium on Microwave Accelerated Synthesis, M.A.S.-07, 01 September 2007
- XXIII. **Microwave-Assisted Synthesis of Novel PAMAM type Dendrimers and Their Analytical Applications**
TÜLÜ M., Dızman C.
ICOC International Conference on Organic Chemistry, 01 June 2007
- XXIV. **Catalytic Properties of Polyamido Dendrimers**
TÜLÜ M., Şenel M., Altın H.
9th IUPAC Euroasia Conference on Chemical Sciences (EUAS C2S-9), 01 September 2006
- XXV. **Metal ion Interaction of Acid and Ester Tetrminated Polyamido Dendrimers**
TÜLÜ M., Şenel M., Baykal H., Geckeler K. E.
11. IUPAC Int. Symp. on Macromolecular-Metal Complexes, 01 September 2005
- XXVI. **Novel Building Blocks for Cascade Synthesis**
TÜLÜ M., Şenel M., Baykal H.
11. IUPAC Int. Symp. on Macromolecular-Metal Complexes, 01 September 2005
- XXVII. **Removal of Metal Ions From Aqueous Solutions By Polymer Assisted Ultrafiltration**
Tülü M., BOZDOĞAN A. E.
44th World Chemistry Congress

Supported Projects

Tülü M., TÜBİTAK International Bilateral Joint Cooperation Program Project, Targeted combination therapy of colon cancer with therapeutic gene/drug loaded novel dendritic nanocarriers, 2019 - 2022

TÜLÜ M., Project Supported by Higher Education Institutions, PAMAM Türü Dendrimerlere Katalitik Özellik Kazandırılması, 2016 - 2016

TÜLÜ M., Project Supported by Higher Education Institutions, Mikrodalga Destekli yeni nesil PAMAM türü dendrimerlerin sentezi ve ilaç taşıyıcı özelliklerinin araştırılması, 2015 - 2016

TÜLÜ M., TUBİTAK Project, Multipl Skleroz'lu Hastalardan Alınan Beyin-Omurilik Sıvısı ve Serumda Miyelin Bazik Protein ve Tau Proteinlerinin Eş Zamanlı Tayinine Yönelik Nanoimmünoşansör Geliştirilmesi, 2013 - 2016

TÜLÜ M., Project Supported by Higher Education Institutions, Dendritik İyonik Sıvıların Sentezi, 2013 - 2015

TÜLÜ M., TUBİTAK Project, Anti-VEGFR-1 Monoklonal Antikor ile Konjuge Edilmiş Gemsitabin Yüklü Dendrimerlerin Pankreas Kansere Aktif Hedeflendirilmesi ve İn Vitro-İn Vivo Olarak Değerlendirilmesi, 2012 - 2015

TÜLÜ M., Project Supported by Higher Education Institutions, Makrosiklik Eter ve Türevlerinin Sentezi, Karakterizasyonu, İyon Geçirgenliği ve Biyolojik Aktivitelerinin İncelenmesi, 2013 - 2014

TÜLÜ M., Project Supported by Higher Education Institutions, PAMAM Tipi Dendrimerlerinin Sentezi Ve Biyolojik Özelliklerinin Araştırılması, 2011 - 2014

TÜLÜ M., Project Supported by Higher Education Institutions, Suda Çözünür Makromoleküllerin Sentezi Ve Ağır Metallerle Kompleksleşme Kapasitelerinin İncelenmesi, 2011 - 2014

Tülü M., EU Supported Other Project, Web-Based Learning of Molecular Genetics and Curricula Development, 2010 - 2013

TÜLÜ M., Project Supported by Other Official Institutions, Lityum - İyon Polimer Pillerinde Kullanım Amaçlı Bor İçerikli Polimer Elektrolitlerin Üretilmesi, 2009 - 2011

Tülü M., FP5 Project, EU Solid-solid phase chemistry Training-module, 2007 - 2009

Scientific Refereeing

TUBITAK Project, 1501 - Industry R & D Projects Support Program, ALPA İNŞAAT MALZEMELERİ TAAHHÜT SANAYİ VE TİCARET ANONİM ŞİRKETİ, Turkey, January 2020

Metrics

Publication: 63

Citation (WoS): 421

Citation (Scopus): 518

H-Index (WoS): 14

H-Index (Scopus): 14

Congress and Symposium Activities

20. Frühjahrssymposium-2018, Attendee, Stuttgart, Germany, 2018

Non Academic Experience

Akron University, Dept. of Polymer Science

Universität Hannover, Inst. für Makromolekulare Chemie