

Asst. Prof. Tülay Gürsoy

Personal Information

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Address: Van YYÜ Fen Fakültesi Kimya Bölümü Tuşba/VAN

International Researcher IDs

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Yoksis Researcher ID: 181524

Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya-Fizikokimya, Turkey 2010 - 2016

Postgraduate, Van Yüzüncü Yil University, Fen Fakültesi, Kimya-Biyokimya, Turkey 2004 - 2007

Undergraduate, Van Yüzüncü Yil University, Eğitim Fakültesi, Oöfma-Kimya Öğretmenliği, Turkey 1998 - 2003

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanımı Sertifikası, Van YYÜ YUSEM, 2019

Dissertations

Doctorate, Solonum Tuberosom L.(patates) Atıklarının Polialkollerle Sıvılaştırılarak Poliüretan Esaslı Köpüklerin Sentezi Ve Karakterizasyonu, Van Yüzüncü Yil University, Fen Fakültesi, Kimya, 2016

Postgraduate, Van Yöresinde Yetişen Van Gölü Balığı (İnci Kefali) ve Alabalıkta Melatonin Hormonunun Ölçülmesi, Van Yüzüncü Yil University, Fen Fakültesi, Kimya, 2007

Research Areas

Chemistry, Physical Chemistry, Polymeric Solutions, Polymeric Materials, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2018 - Continues

Research Assistant PhD, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2016 - 2018

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2010 - 2016

Courses

Analitik Kimya Laboratuvarı-I, Undergraduate, 2023 - 2024
PU Kompozit Malzemeler, Postgraduate, 2022 - 2023
Analitik Kimya Laboratuvarı-II, Undergraduate, 2022 - 2023
Kompozit Malzemeler, Doctorate, 2023 - 2024
Analitik Kimya Lab.-I, Undergraduate, 2022 - 2023
Genel Kimya, Undergraduate, 2022 - 2023
Kompozit Malzemeler, Postgraduate, 2022 - 2023
Enstrümental Analiz-II, Undergraduate, 2021 - 2022
Enstrümental Analiz II, Undergraduate, 2020 - 2021
Enstrümental Analiz-I, Undergraduate, 2021 - 2022
Instrumental Analysis I, Undergraduate, 2020 - 2021
General Chemistry I, Undergraduate, 2020 - 2021
Genel Kimya I, Undergraduate, 2018 - 2019, 2017 - 2018
Kompozit Malzemeler, Postgraduate, 2018 - 2019
Kompozit Malzemeler, Postgraduate, 2019 - 2020
Adsorpsiyon ve Yüzey Aktifliği, Undergraduate, 2017 - 2018

Jury Memberships

Post Graduate, Tez Savunma Jürisi, Muğla Sıtkı Koçman Üniversitesi, September, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A molecularly imprinted cotton fabric for rapid, selective and sensitive determination of carbendazim in orange juice**
Zengin A., Toptaş Y., Bilici M., Gürsoy T.
Journal of Food Composition and Analysis, vol.133, 2024 (SCI-Expanded)
- II. **Heavy metal exposure of working at petroleum products filling stations and its effects on oxidative stress**
ATASOY N., KÖMÜROĞLU A. U., MERCAN YÜCEL U., KUL A. R., GÜRSOY T.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.7, pp.5142-5151, 2020 (SCI-Expanded)
- III. **Alterations in oxidative stress markers in laryngeal carcinoma patients**
Bozan N., Demir H., Gürsoy T., Özkan H., Düzenli U., Sarıkaya E., Turan M., Kiroğlu A. F., Cankaya H.
JOURNAL OF THE CHINESE MEDICAL ASSOCIATION, vol.81, pp.811-815, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preparation and Characterization of Potato Crust-Based PU Foam-I**
GÜRSOY T., ALMA M. H., ALTUNTAŞ E., KARAOĞUL E.
International Journal of Chemistry and Technology (IJCT), vol.7, no.2, pp.204-214, 2023 (Peer-Reviewed Journal)
- II. **Preparation and Characterization of Potato Crust-Based PU Foam-II**
GÜRSOY T., ALMA M. H., ALTUNTAŞ E., KARAOĞUL E.
International Journal of Chemistry and Technology (IJCT), vol.7, no.2, pp.2014-223, 2023 (Peer-Reviewed Journal)
- III. **Water Absorption and Biodegradation Properties of Potato Based Polyurethane Foams**
Gürsoy T., ALMA M. H.
Middle East Journal Of Science, vol.3, no.2, pp.107-114, 2017 (Peer-Reviewed Journal)
- IV. **Investigation of levels of oxidative stress and antioxidant enzymes in colon cancers**
Dusak A., Atasoy N., Demir H., Dogan E., Gürsoy T., Sarıkaya E.

JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.8, no.6, pp.469-473, 2017 (ESCI)

- V. **Measurement of Melatonin in Pearl Mulletts, an Endemic Species Growing in Lake Van, and Trouts**
Gürsoy T., Atasoy N., Alacabey İ.
Haceteppe J. Biol.@ Chem., vol.39, no.4, pp.421-426, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Ağır Metal Mazuriyetinin Doku ve Organlar Üzerine Etkileri**
Gürsoy T. (Editor), Yücel U. M. (Editor), Atasoy N. (Editor)
Duvar Yayınları, İzmir, 2022
- II. **Ağır Metal Mazuriyetinin Gastrointestinal Sistem Üzerine Etkileri**
Gürsoy T., Aydın M.
in: Ağır Metal Mazuriyetinin Doku ve Organlar Üzerine Etkileri, Mercan Yücel,U.,Atasoy,N.,Gürsoy,T., Editor, Duvar Yayınevi, İzmir, pp.87-100, 2022
- III. **Ağır Metal Mazuriyetinin Genital Sistem Üzerine Etkileri**
Gürsoy T.
in: Ağır Metal Mazuriyetinin Doku ve Organlar Üzerine Etkileri, Mercan Yücel,U.,Atasoy,N.,Gürsoy,T., Editor, Duvar Yayınları, İzmir, pp.147-158, 2022
- IV. **Innovative Theories In Science and Environment**
Gürsoy T. (Editor)
İksad Publishing House, Ankara, 2020
- V. **Catalytic Hydrothermal Liquefaction Methods of Plant Biomass**
Gürsoy T.
in: Innovative Theories In Science and Environment, Gürsoy T., Editor, İksad Publishing House, Ankara, pp.1-176, 2020
- VI. **Heavy Metal Exposure of Workers Working at Petroleum Products Filling Stations and Its Effects on SOD Enzyme Activity**
Gürsoy T., Atasoy N.
in: Fen ve Matematik Bilimleri Teori, Güncel Araştırmalar ve Yeni Eğilimler, Düz M., Editor, Ivpe Print, Cetinje, pp.72-82, 2020
- VII. **Heavy Metal Exposure of Workers Working at Petroleum Products Filling Stations and Its Effects on Reduced GSH Enzyme Level**
Gürsoy T., Atasoy N.
in: Science and Mathematics Science Theory, Current Research and New Trends, Düz M., Editor, Ivpe Print, Cetinje, pp.12-23, 2020
- VIII. **Isı Yalıtım Malzemelerinin Üretilme Metodları**
Gürsoy T.
in: Fen Bilimleri ve Matematik Alanında Teori ve Araştırmalar, Ercan N.,Akgül,H., Editor, Gece Kitaplığı, Ankara, pp.219-234, 2020
- IX. **WA-XRD Analyzes of Different Kinds of Composite Filling Materials**
Gürsoy T.
in: Fundamental Aspects of Engineering Sciences, Unal F., Akan A.E, Editor, İksad Publishing House, Ankara, pp.79-101, 2019
- X. **Atr-Ftır Analyzes of a Series Process of Barley Plant Wastes in Order to Prepare Composite Filling Materials**
Gürsoy T.
in: Current Academic Studies in Natural Sciences and Mathematics Sciences, Kandemir M.A.,Erdoğan F., Editor, Gece Kitaplığı, Ankara, pp.333-339, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **HEAVY METAL CONTENT OF THE LINDEN PLANT GROWED IN VAN/TURKEY PROVINCE**
Gürsoy T., Atasoy N.
Atlas 11. International Congress on Advanced Scientific Studies and Interdisciplinary Research Congress, Marrakush, Morocco, 16 - 18 January 2024, pp.211-212
- II. **Heavy Metal Content of the Linden Plant Growned in Van/TURKEY Province**
Gürsoy T., Atasoy N.
Atlas 11. International Congress on Advanced Scientific Studies and Interdisciplinary Research Congress, Marrakush, Morocco, 16 - 18 January 2024, pp.209-210
- III. **Heat Conduction Coefficient Analysis of Different Biomass Content Polyurethane Termal Insulation Materials**
Gürsoy T.
Asia Pacific International Congress on Contemporary Studies-IV, San Mateo, Philippines, 12 - 13 December 2020, pp.354-359
- IV. **TGA Analysis of Different Biomass Content Polyurethane Termal Insulation Materials**
Gürsoy T.
13. MAS International European Conference on Mathematics, Engineering, Faryab, Afghanistan, 23 - 25 October 2020, pp.227-238
- V. **Heavy Metal Exposure of Workers Working at Petroleum Products Filling Stations and its Effects on SOD Enzyme Activity**
Gürsoy T., Atasoy N., Yücel U. M.
6th International Scientific Research Congress, Şanlıurfa, Turkey, 1 - 03 November 2019, pp.75-76
- VI. **Heavy Metal Exposure of Workers Working at Petroleum Products Filling Stations and its Effects on Reduced GSH Enzyme Level**
Gürsoy T., Atasoy N., Yücel U. M.
6. International Scientific Research Congress (6. UBAK), Şanlıurfa, Turkey, 1 - 03 November 2019, pp.75
- VII. **Atr-Ftir Analyzes For a Series Transactions of Potato Plants Wastes Performed In Order to Prepare Composite Filling Materials**
Gürsoy T.
The International Engeneering and Natural Sciences Conference- (3.INESEC-IENSC 2018), Diyarbakır, Turkey, 14 - 17 November 2018, pp.467-474
- VIII. **Atr-Ftir Analyzes for a Series Transactions of Polimerization Steps Performed in Order to Prepare Composite Filling Materials From Pistachio Peel Wastes**
Gürsoy T.
The International Engeneering and Natural Sciences Conference- (3.INESEC-IENSC 2018), Diyarbakır, Turkey, 14 - 17 November 2018, pp.485-493
- IX. **Starch/Potato : Cellulose/Pistachi : Lignin/Barley Straw Characterization and Comparison of Three Kinds of Plants-Contained Polyols**
Gürsoy T., ALMA M. H.
Agriculturel Science Congress, Van, Turkey, 9 - 12 May 2018, pp.16
- X. **Cellulose: Synthesis and Characterization Of Pistachio Waste-Contained Polyurethane Foams**
Gürsoy T., Alma M.
2nd International Science and Engineering Congress (IMSEC-2017), Adana, Turkey, 25 - 27 October 2017, pp.141
- XI. **Synthesis and Characterization of Pistachio Peels-Contained Polyols**
Gürsoy T., ALMA M. H.
International Congress on Health and Environment (USCEK-2017), Adana, Turkey, 23 - 25 October 2017, pp.155
- XII. **Water Absorption and Biodegradation Properties of Barley Straw-Contained Polyurethane Foams**
Gürsoy T.
8. International Advanced Technologies Symposium(IATS'2017), Elazığ, Turkey, 19 - 21 October 2017, pp.135
- XIII. **Synthesis and Characterization of Barley Straw-Contained Polyols**

- Gürsoy T.
8. International Advanced Technologies Symposium(IATS'2017), Elazığ, Turkey, 19 - 21 October 2017, pp.221
- XIV. **Water absorption and Biodegradation Properties of Pistachio Wastes-Contained Polyurethane Foams**
Gürsoy T., ALMA M. H.
2nd International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 17 - 21 April 2017, pp.378
- XV. **Synthesis and Characterization of Barley Straw-Based Polyurethane Foams**
Gürsoy T.
International Engineering, Science and Education Conference (INESEC), Diyarbakır, Turkey, 1 - 03 December 2016, pp.648-651
- XVI. **Water Absorption and Biodegradation Properties of Potato-Based Polyurethane Foams**
Gürsoy T., ALMA M. H.
International Engineering, Science and Education Conference (INESEC), Diyarbakır, Turkey, 1 - 03 December 2016, pp.744
- XVII. **Comparison of Properties of Barley Straw and Potato Based Polyurethane Foams**
Gürsoy T., ALMA M.
International Engineering, Science and Education Conference (INESEC), Diyarbakır, Turkey, 1 - 03 December 2016, pp.656-660
- XVIII. **To Product Natural Composite Materials Investigation of Starch Based Potato and Lignin Based Barley Straw With Electric Energy**
Gürsoy T., Karaoğul E., Altuntaş E., Alma M.
1st International Mediterranean Science and Engineering Congress (IMSEC2016), Adana, Turkey, 26 - 28 October 2016, pp.2740
- XIX. **Synthesis and Charaterization of Potato-based Polyols**
Gürsoy T., Alma M., Karaoğul E., Altuntaş E.
1st International Mediterranean Science and Engineering Congress (IMSEC2016), Adana, Turkey, 26 - 28 October 2016, pp.2731
- XX. **Larenks Kanserli Hastalarda Larenjektomi Öncesi ve Sonrası Serum Paraoksanaz Enzim Aktivitesi ve Oksidatif Stres Seviyelerinin Ölçülmesi”**
Bozan N., Demir H., Gürsoy T., Özkan H.
38. Türk Ulusal Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi (38. Türk Ulusal TKBB BBC Kongresi), Antalya, Turkey, 26 - 30 October 2016, pp.579
- XXI. **Investigation of Activities of Some Enzymes In Patients With Colon Cancer**
Gürsoy T., Atasoy N., Demir H., Doğan E.
1st International Mediterranean Science and Engineering Congress (IMSEC2016), Adana, Turkey, 26 - 28 October 2016, pp.2730
- XXII. **The Some of Physical, Chemical and Mechanical Properties of Polyurethane Foam-contained Potato Crust Wastes Polyol-I**
Gürsoy T., Alma M., Karaoğul E., Karaoğul E.
46th IUPAC World Polymer Congress(MACRO2016), İstanbul, Turkey, 17 - 21 July 2016, pp.350
- XXIII. **The Some of Physical, and Thermal Properties of Polyurethane Foam-contained Potato Crust Wastes Polyol-II**
Gürsoy T., Alma M., Altuntaş E., Karaoğul E.
46th IUPAC World Polymer Congress(MACRO2016), İstanbul, Turkey, 17 - 21 July 2016, pp.350
- XXIV. **Radiation Shielding of Concretes Containing Pandermite For Various Rations**
ATIĞ B., GÜR A., NAS M. S., Gürsoy T.
International Physics Conferences At The Anatolian Peak(IPCAP 2016), Erzurum, Turkey, 25 - 27 February 2016, pp.82
- XXV. **Tinkal (Boraks) Mineralinin Amonyum Sülfat Çözeltilerindeki Çözünme Kinetiğinin Araştırılması**
Kubilay Ş., Gür A., Kandilcik M., Savran A., Gürsoy T.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.361
- XXVI. **Sıvılaştırılmış Arpa Sapından (samanı) Poliüretan Esaslı İzolasyon Köpük Üretimi**
Gürsoy T., Karaoğul E., Altuntaş E., Alma M.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.570
- XXVII. **Sıvılaştırılmış Lignoselülozik Atıklardan Üretilen Hüyük Asit Katkılı Poliüretan Köpüğün Yanma Özelliklerinin İncelenmesi**
Karaoğul E., Salan T., Gürsoy T., Altuntaş E., Alma M.
II. Ulusal Hüyük Madde Kongresi (HUMIK2014), Kahramanmaraş, Turkey, 26 - 28 October 2014, pp.3-33
- XXVIII. **Gaziantep Fıstığına Kırmızı ve Sert Kabuğundan Elde Edilen Poliüretan Esaslı İzolasyon Köpüğün Özelliklerinin Araştırılması**
Gürsoy T., Karaoğul E., Salan T., Alma M. H.
Yeşil Altın Antepfıstığı Zirvesi Çalıştayı, Gaziantep, Turkey, 17 - 18 September 2014, pp.10
- XXIX. **Immobilization of Polyfenol Oxidase Enzyme onto Natural and Modified Tutmaç Clay**
Gür T., Demir H., Gürsoy T.
International Conference on Enzyme Science and Technology (ICEST 2011), Aydın, Turkey, 31 October - 04 November 2011
- XXX. **Van Yöresinde Yetişen Van Gölü Balığı (İnci Kefali) ve Alabalıkta Melatonin Hormonunun Ölçülmesi**
Atasoy N., Gürsoy T.
V. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Aydın, Turkey, 10 - 15 September 2011, pp.13

Supported Projects

- Gürsoy T., DURAK Z., Project Supported by Higher Education Institutions, Doğal Materyal Van Gölü Havzası Üzerinde Bazı Tekstil Boyar Maddelerin Adsorpsiyon Mekanizmasının İncelenmesi, 2024 - Continues
- Gürsoy T., SALEEM B. J. M., Project Supported by Higher Education Institutions, Profenofosun Tayini için MIP Bentonitin Sentezi ve Karakterizasyonu, 2024 - Continues
- Gürsoy T., APARI S., Project Supported by Higher Education Institutions, Su Kamışı (Phragmites Australis L.) Bitkisi İçeren Kopolimerlerin Sentezi ve Yapısındaki Bazı Ağır Metal (As, P, Zn, Cd, Cu) Miktarlarının Ölçülmesi, 2023 - Continues
- Gürsoy T., Karakoyun N., Project Supported by Higher Education Institutions, Manyetik Hallosite Nanotüp Polimer Metal Nanopartikül Hibrit Malzemenin Hazırlanması ve Bazı Organik Kirleticilerin Katalitik Bozunmasında Etkinliğinin Araştırılması, 2023 - Continues
- Demir H., Bozan N., Gürsoy T., Project Supported by Higher Education Institutions, Larenks Kanseri Hastalarda Ameliyat Öncesi ve Sonrası Oksidatif stress Düzeyleri ve Bazı Antioksidant Enzim Aktivitelerinin İncelenmesi, 2015 - 2016
- GÜR A., Gürsoy T., Project Supported by Higher Education Institutions, Patates (Solanum tuberosum L.) Atıklarının Polialkollerle Sıvılaştırılarak Poliüretan Esaslı Köpüklerin Sentezi ve Karakterizasyonu, 2013 - 2016

Scientific Refereeing

- Journal of the Turkish Chemical Society Section A: Chemistry , National Scientific Refreed Journal, March 2024
- İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi , National Scientific Refreed Journal, March 2024
- Environmental Research and Technology, National Scientific Refreed Journal, August 2023
- İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, May 2020
- Evidence-Based Complementary and Alternative Medicine, SCI Journal, February 2020
- Journal of Clinical Laboratory Analysis, SCI Journal, November 2019
- Journal of Clinical Laboratory Analysis, SCI Journal, May 2019

Tasks In Event Organizations

Gürsoy T., 5. International Engineering and Natural Sciences Conference, Scientific Congress, Diyarbakır, Turkey, Kasım 2020

Gürsoy T., VII. The International Symposium on Academic Studies in Science, Engineering and Architecture Studies , Scientific Congress, Ankara, Turkey, Kasım 2019

Gürsoy T., 4. International Engineering and Natural Sciences Conference, Scientific Congress, Diyarbakır, Turkey, Kasım 2019

Gürsoy T., VI. The International Symposium on Academic Studies in Science, Engineering and Architecture Studies , Scientific Congress, Ankara, Turkey, Haziran 2019

Gürsoy T., 3. International Engineering and Natural Sciences Conference, Scientific Congress, Diyarbakır, Turkey, Kasım 2018

Metrics

Publication: 51

Citation (WoS): 18

Citation (Scopus): 23

H-Index (WoS): 3

H-Index (Scopus): 2

Congress and Symposium Activities

Asia Pacific International Congress on Contemporary Studies-IV, Moderator, San Mateo, Philippines, 2020

13. MAS Uluslararası Avrupa Matematik, Mühendislik, Doğa& Tıp Bilimleri Konferansı, Moderator, Faryab, Afghanistan, 2020

Awards

Gürsoy T., "Synthesis and Characterization of Barley Straw-Based Polyurethane Foams", International Engineering, Science and Education Conference (INESEC), December 2016

Non Academic Experience

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