

Prof. GÜLCE ÖĞRÜÇ İLDİZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JZS-8424-2024

ScopusID: 55179338700

Yoksis Researcher ID: 107326

Education Information

Post Doctorate, Universidade de Coimbra, Department of Chemistry, Laboratory for Molecular Cryospectroscopy and Bio-spectroscopy (LMCB), Portugal 2016 - 2017

Post Doctorate, Universidade de Coimbra, Department of Chemistry, Laboratory for Molecular Cryospectroscopy and Bio-spectroscopy (LMCB), Portugal 2012 - 2012

Doctorate, Istanbul Kultur University, Fen Bilimleri Enstitüsü, İnşaat Ve Proje Yönetimi (YI) (Tezli), Turkey 2003 - 2009

Doctorate, Istanbul University, Faculty Of Science, Department Of Physics, Turkey 2004 - 2008

Postgraduate, Istanbul Technical University, Enerji Enstitüsü, Nükleer Araştırmalar Anabilim Dalı, Turkey 2001 - 2004

Postgraduate, Istanbul Kultur University, Lisansüstü Eğitim Enstitüsü, İşletme Anabilim Dalı, Turkey 2001 - 2003

Undergraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1995 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İnşaat Firmalarında Proje Müdürlerinin İş Yükü, İş Stresi, İş Tatmini ve Motivasyon İlişkisi, Istanbul Kultur University, Fen Bilimleri Enstitüsü, İnşaat Ve Proje Yönetimi (YI) (Tezli), 2009

Doctorate, Sülfon ve sülfonamid gruplu moleküllerin konformasyonlarının ve titreşim enerjilerinin kuantum kimyasal yöntemler ile incelenmesi, Istanbul University, Fen Fakültesi, Fizik Bölümü, 2008

Postgraduate, Farklı Malzemelerin Sr-90 Beta Kaynağı Karşısındaki Davranışı, Istanbul Technical University, Enerji Enstitüsü, Nükleer Araştırmalar Anabilim Dalı, 2004

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Fizik, 2020 - Continues
Associate Professor, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Fizik, 2015 - 2020
Assistant Professor, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Fizik, 2010 - 2015
Lecturer PhD, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Fizik, 2009 - 2010
Research Assistant, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Fizik, 2008 - 2009
Research Assistant, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Fizik, 2004 - 2008
Research Assistant, Istanbul Kultur University, Teknik Bilimler Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2003 - 2004

Academic and Administrative Experience

Istanbul Kultur University, 2022 - Continues
Istanbul Kultur University, 2021 - Continues
Istanbul Kultur University, 2016 - Continues
Fakülte Yönetim Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, 2019 - 2021

Courses

PHYSICS-I-C, Undergraduate, 2019 - 2020
HEKES İÇİN MODERN FİZİK, Undergraduate, 2019 - 2020
PHYSIS I-D, Undergraduate, 2019 - 2020
MODERN PHYSICS FOR EVERYONE, Undergraduate, 2019 - 2020, 2018 - 2019
PHYSICS-D, Undergraduate, 2018 - 2019
KUANTUM KİMYASAL HESAPLAMA YÖNTEMLERİ, Postgraduate, 2018 - 2019, 2017 - 2018
MOLEKÜLER SPEKTROSKOPİ, Postgraduate, 2018 - 2019, 2017 - 2018
PHYSICS-C, Undergraduate, 2018 - 2019
PHYSICS-A, Undergraduate, 2018 - 2019
BİLGİSAYAR DESTEKLİ VERİ ANALİZİ, Postgraduate, 2018 - 2019, 2017 - 2018
PHYSICS II-A, Undergraduate, 2017 - 2018, 2016 - 2017
PHYSICS II-C, Undergraduate, 2017 - 2018, 2016 - 2017
PHYSICS I-A, Undergraduate, 2017 - 2018, 2016 - 2017
PHYSICS I-D, Undergraduate, 2017 - 2018, 2016 - 2017
PHYSICS I-C, Undergraduate, 2017 - 2018, 2016 - 2017
Atom Molekül Fiziği Laboratuvarı, Undergraduate, 2017 - 2018
PHYSICS II-D, Undergraduate, 2017 - 2018, 2016 - 2017
Radyasyon Fiziği, Undergraduate, 2017 - 2018
KUANTUM FİZİĞİ II, Undergraduate, 2016 - 2017, 2014 - 2015, 2013 - 2014
KLASİK TEORİK MEKANİK, Undergraduate, 2016 - 2017
KUANTUM FİZİĞİ I, Undergraduate, 2016 - 2017, 2014 - 2015, 2013 - 2014
PHYSICS I, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
PHYSICS II, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
BİTİRME TEZİ, Undergraduate, 2014 - 2015
ATOM VE MOLEKÜL FİZİĞİ LABORATUVARI, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
PHYSICS LABORATORY I, Undergraduate, 2013 - 2014, 2012 - 2013
PHYSICS LABORATORY II, Undergraduate, 2013 - 2014, 2012 - 2013

Advising Theses

GÜLCE Ö. I., Fulgurit'in spektroskopik yöntemlerle yapısal karakterizasyonu, Postgraduate, A.KARADAĞ(Student), 2022
GÜLCE Ö. I., Şizofreni ve bipolar manik bozukluğun raman spektroskopik ve kemometrik analiz yöntemleriyle ayrıştırılması, Postgraduate, H.NUR(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Preface "Molecular Structure and Mechanisms of Action of Antioxidants"**
ÖĞRÜÇ İLDİZ G., de Azevedo Jr W. F., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, vol.1319, 2025 (SCI-Expanded)
- II. **Crystallization Kinetics: Relationship between Crystal Morphology and the Cooling Rate-Applications for Different Geological Materials**
AYSAL N., Kurt Y., ÖĞRÜÇ İLDİZ G., ÖZTÜRK H., YEŞİLTAŞ M., LAÇIN D., Ongen S., Nikitin T., Fausto R.
CRYSTALS, vol.13, no.7, 2023 (SCI-Expanded)
- III. **Structure, conformational landscape and UV-induced selective rotamerization of 2-aminoacetanilide**
Brito A. L. B., Justino L. L. G., ÇATIKKAŞ B., Lopes S., Ildiz G., Fausto R.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.435, 2023 (SCI-Expanded)
- IV. **Structure, Vibrational Spectra, and Cryogenic MatrixPhotochemistry of 6-Bromopyridine-2-carbaldehyde: From the Single Molecule of the Compound to the Neat Crystalline Material**
Brito A. L. B., Lopes S., Ogruc Ildiz G., Fausto R.
MOLECULES, vol.28, no.4, 2023 (SCI-Expanded)
- V. **Investigation of menopause-induced changes on hair by Raman spectroscopy and chemometrics**
Brito A. L. B., Brueggen C., Ildiz G., Fausto R.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.275, 2022 (SCI-Expanded)
- VI. **Micro-Raman Spectroscopy and X-ray Diffraction Analyses of the Core and Shell Compartments of an Iron-Rich Fulgurite**
Karadag A., Kaygisiz E., Nikitin T., Ongen S., ÖĞRÜÇ İLDİZ G., AYSAL N., Yilmaz A., Fausto R.
MOLECULES, vol.27, no.10, 2022 (SCI-Expanded)
- VII. **UV-induced-OCH₃ rotamerization in a matrix-isolated methoxy-substituted ortho-hydroxyaryl Schiff base**
SIDIR İ., SIDIR Y. G., Gobi S., Berber H., ÖĞRÜÇ İLDİZ G., Fausto R.
PHOTOCHEMICAL & PHOTOBIOLOGICAL SCIENCES, vol.21, no.5, pp.835-847, 2022 (SCI-Expanded)
- VIII. **IR-induced and tunneling reactions in cryogenic matrices: the (incomplete) story of a successful endeavor**
Fausto R., Ildiz G., Nunes C. M.
CHEMICAL SOCIETY REVIEWS, vol.51, no.7, pp.2853-2872, 2022 (SCI-Expanded)
- IX. **A new tetramine bis(2-naphthol)-derivative fluorescent chemosensor for aluminum ion (Al³⁺)**
Golbedaghi R., Ildiz G., Azadbakht R., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, vol.1250, 2022 (SCI-Expanded)
- X. **Investigation of the magnetocaloric effect and the critical behavior of the interacting superparamagnetic nanoparticles of La_{0.8}Sr_{0.15}Na_{0.05}MnO₃**
Tozri A., Alhalafi S., Alrowaili Z. A., Horchani M., Omri A., Skini R., Ghorai S., Benali A., Costa B. F. O., Ildiz G.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.890, 2022 (SCI-Expanded)
- XI. **PLS-DA Model for the Evaluation of Attention Deficit and Hyperactivity Disorder in Children and Adolescents through Blood Serum FTIR Spectra**
ÖĞRÜÇ İLDİZ G., Karadag A., Kaygisiz E., Fausto R.
MOLECULES, vol.26, no.11, 2021 (SCI-Expanded)
- XII. **Molecular structure, spectroscopy and photochemistry of alprazolam**

- Ildiz G., Tabanez A. M., Nunes A., Roque J. P. L., Justino L. L. G., Ramos M. L., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, vol.1247, 2021 (SCI-Expanded)
- XIII. **Conformational Analysis, Spectroscopy and Photochemistry of Matrix-Isolated 1*H*- and 2*H*- Tautomeric Forms of Ethyl Tetrazole-5-Carboxylate**
Ildiz G., Fausto R.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, 2021 (SCI-Expanded)
- XIV. **The crystal structure and Raman spectrum of the sodium salt of 5-Acetic acid hydantoin**
Nogueira B. A., Ildiz G., Tabanez A. M., Henriques M. S. C., Paixao J. A., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, 2020 (SCI-Expanded)
- XV. **Structural Aspects of the *Ortho* Chloro- and Fluoro- Substituted Benzoic Acids: Implications on Chemical Properties**
Ildiz G., Fausto R.
MOLECULES, no.21, 2020 (SCI-Expanded)
- XVI. **Auxiliary differential diagnosis of schizophrenia and phases of bipolar disorder based on the blood serum Raman spectra**
ÖĞRÜÇ İLDİZ G., BAYARI S., Aksoy U. M., YORGUNER N., Bulut H., Yilmaz S. S., Halimoglu G., Kabuk H. N., YAVUZ DOĞAN G., Fausto R.
JOURNAL OF RAMAN SPECTROSCOPY, vol.51, no.11, pp.2233-2244, 2020 (SCI-Expanded)
- XVII. **Polymorphism in 1-methylhydantoin: investigation by periodic DFT calculations and characterization of the third polymorph**
Nogueira B. A., Milani A., Ildiz G., Paixao J. A., Castiglioni C., Fausto R.
CRYSTENGCOMM, no.38, pp.6347-6359, 2020 (SCI-Expanded)
- XVIII. **Conformational Landscape and Polymorphism in 5-Acetic Acid Hydantoin**
Nogueira B. A., Ildiz G., Canotilho J., Eusebio M. E. S., Henriques M. S. C., Paixao J. A., Fausto R.
JOURNAL OF PHYSICAL CHEMISTRY A, no.31, pp.6303-6318, 2020 (SCI-Expanded)
- XIX. **Thiabendazole and Thiabendazole-Formic Acid Solvate: A Computational, Crystallographic, Spectroscopic and Thermal Study**
Tabanez A. M., Nogueira B. A., Milani A., Eusebio M. E. S., Paixao J. A., Nur Kabuk H., Jajuga M., Ildiz G., Fausto R.
MOLECULES, no.13, 2020 (SCI-Expanded)
- XX. **Fourier Transform Infrared Spectroscopy Based Complementary Diagnosis Tool for Autism Spectrum Disorder in Children and Adolescents**
ÖĞRÜÇ İLDİZ G., BAYARI S., Karadag A., Kaygisiz E., Fausto R.
MOLECULES, vol.25, no.9, 2020 (SCI-Expanded)
- XXI. **Raman Spectroscopic and Chemometric Investigation of Lipid-Protein Ratio Contents of Soybean Mutants**
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAĞ Ç., YILMAZ A., Kabuk H. N., Kaygisiz E., AYAN A., MERİÇ S., Fausto R.
APPLIED SPECTROSCOPY, vol.74, no.1, pp.34-41, 2020 (SCI-Expanded)
- XXII. **Molecular Spectroscopy and Molecular Structure - A collection of contributions presented at the 34th European Congress on Molecular Spectroscopy (EUCMOS 2018)**
Fausto R., ÖĞRÜÇ İLDİZ G., Schmitt M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1195, pp.555, 2019 (SCI-Expanded)
- XXIII. **UV-induced conformational isomerization and photochemistry of 3-chloro-4-methoxybenzaldehyde in cryogenic inert matrices**
Ogruc Ildiz G., Konarska J., Fausto R.
JOURNAL OF CHEMICAL PHYSICS, no.10, 2019 (SCI-Expanded)
- XXIV. **A comparative study of the yellow dent and purple flint maize kernel components by Raman spectroscopy and chemometrics**
ÖĞRÜÇ İLDİZ G., Kabuk H. N., Kaplan E. S., Halimoglu G., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.246-253, 2019 (SCI-Expanded)
- XXV. **The Saricicek howardite fall in Turkey: Source crater of HED meteorites on Vesta and impact risk of Vestoids**

ÜNSALAN O., Jenniskens P., Yin Q., Kaygisiz E., Albers J., Clark D. L., Granvik M., DEMİRKOL İ., ERDOĞAN İ. Y., BENGÜ A. Ş., et al.

METEORITICS & PLANETARY SCIENCE, vol.54, no.5, pp.953-1008, 2019 (SCI-Expanded)

- XXVI. **Structure, spectroscopic properties and catalytic activity for epoxide ring-opening of nickel methylxanthate**
Kumar G., Kumar R., Ogruc-Ildiz G., Fausto R., Husain A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1177, pp.33-46, 2019 (SCI-Expanded)
- XXVII. **Hydantoins and Mercaptoimidazoles: Vibrational Spectroscopy as a Probe of Structure and Reactivity in Different Environments, from the Isolated Molecule to Polymorphs**
Fausto R., Ildiz G., Bras E. M., Nogueira B. A.
MOLECULAR SPECTROSCOPY-EXPERIMENT AND THEORY: FROM MOLECULES TO FUNCTIONAL MATERIALS, pp.199-222, 2019 (SCI-Expanded)
- XXVIII. **Molecular spectroscopy and molecular structure - Selected communications presented at the 3rd international Turkish congress on molecular spectroscopy (TURCMOS 2017) Preface**
Fausto R., ÖĞRÜÇ İLDİZ G., ÜNSALAN O.
JOURNAL OF MOLECULAR STRUCTURE, pp.1-2, 2018 (SCI-Expanded)
- XXIX. **Structural transformations of 3-fluoro and 3-fluoro-4-methoxy benzaldehydes under cryogenic conditions: A computational and low temperature infrared spectroscopy investigation**
Ogruc Ildiz G., Konarska J., Fausto R.
CHEMICAL PHYSICS, pp.7-19, 2018 (SCI-Expanded)
- XXX. **Near-infrared *in situ* generation of the higher-energy *trans* conformer of tribromoacetic acid: Observation of a large-scale matrix-site changing mediated by conformational conversion**
Apostolo R. F. G., Bazso G., Ogruc-Ildiz G., Tarczay G., Fausto R.
JOURNAL OF CHEMICAL PHYSICS, vol.148, no.4, 2018 (SCI-Expanded)
- XXXI. **Structural and spectroscopic characterization of the second polymorph of 1-methylhydantoin**
Nogueira B. A., Ildiz G., Henriques M. S. C., Paixao J. A., Fausto R.
JOURNAL OF MOLECULAR STRUCTURE, pp.111-118, 2017 (SCI-Expanded)
- XXXII. **5-Methylhydantoin: From Isolated Molecules in a Low-Temperature Argon Matrix to Solid State Polymorphs Characterization**
Nogueira B. A., Ildiz G., Canotilho J., Eusebio M. E. S., Henriques M. S. C., Paixao J. A., Fausto R.
JOURNAL OF PHYSICAL CHEMISTRY A, no.28, pp.5267-5279, 2017 (SCI-Expanded)
- XXXIII. **Molecular spectroscopy and molecular structure - Selected communications presented at the 1st International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013) Preface**
Durig J. R., Fausto R., ÜNSALAN O., BAYARI S., Kus N., ÖĞRÜÇ İLDİZ G.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, pp.523-524, 2016 (SCI-Expanded)
- XXXIV. **FT-IR spectroscopy and multivariate analysis as an auxiliary tool for diagnosis of mental disorders: Bipolar and schizophrenia cases**
Ildiz G., Arslan M., ÜNSALAN O., Araujo-Andrade C., Kurt E., Karatepe H. T., YILMAZ A., BÖLÜKBAŞI YALÇINKAYA O., Herken H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, pp.551-556, 2016 (SCI-Expanded)
- XXXV. **Molecular Structure, Infrared Spectra, Photochemistry, and Thermal Properties of 1-Methylhydantoin**
Nogueira B. A., Ildiz G., Canotilho J., Eusebio M. E. S., Fausto R.
JOURNAL OF PHYSICAL CHEMISTRY A, no.31, pp.5994-6008, 2014 (SCI-Expanded)
- XXXVI. **Matrix Isolation Infrared Spectra and Photochemistry of Hydantoin**
Ildiz G., Nunes C. M., Fausto R.
JOURNAL OF PHYSICAL CHEMISTRY A, no.4, pp.726-734, 2013 (SCI-Expanded)
- XXXVII. **FTIR investigation of the O-H ... Xe interaction in simple carboxylic acids in solid xenon**

- Ildiz G., Nunes C. M., Kus N., Fausto R.
JOURNAL OF CHEMICAL PHYSICS, no.6, 2012 (SCI-Expanded)
- XXXVIII. **Micro-Raman, FTIR, SEM-EDX and structural analysis of the Canakkale meteorite**
ÜNSALAN O., YILMAZ A., BÖLÜKBAŞI YALÇINKAYA O., Ozturk B., ESENOĞLU H. H., Ildiz G., Örnek C.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, pp.250-255, 2012 (SCI-Expanded)
- XXXIX. **FTIR spectroscopic and quantum chemical studies on hydantoin**
ÖĞRÜÇ İLDİZ G., Boz I., ÜNSALAN O.
OPTICS AND SPECTROSCOPY, vol.112, no.5, pp.665-670, 2012 (SCI-Expanded)
- XL. **Conformational analysis and vibrational study of sulfanilamide**
ÖĞRÜÇ İLDİZ G., AKYÜZ S.
VIBRATIONAL SPECTROSCOPY, vol.58, pp.12-18, 2012 (SCI-Expanded)
- XLI. **Conformational analysis and vibrational spectroscopic studies on dapsone**
ÖĞRÜÇ İLDİZ G., AKYÜZ S.
OPTICS AND SPECTROSCOPY, vol.113, no.5, pp.495-504, 2012 (SCI-Expanded)
- XLII. **Experimental, *ab initio* and density functional theory studies on sulfadiazine**
ÖĞRÜÇ İLDİZ G., AKYÜZ S., ÖZEL A.
JOURNAL OF MOLECULAR STRUCTURE, vol.924-926, pp.514-522, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Raman Spectra of Blood Serum as Holistic Biomarker for Differential Auxiliary Diagnoses of Attention Deficit and Hyperactivity Disorder (ADHD) in Adults**
Yavuz Doğan G., Halimoglu G., Kaplanoğlu D., Aksoy U. M., Kandeger A., Yavuz E., Kartal S., Fausto R., Ildiz G. O.
PROCEEDINGS (MDPI), vol.2, pp.53-62, 2024 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Intramolecular Hydrogen Bonding: Shaping Conformers' Structure and Stability**
ÖĞRÜÇ İLDİZ G., Rui F.
in: Spectroscopy and Computation of Hydrogen Bonded Systems, Wojcik, Marek, Ozaki, Yukihiro, Editor, Wiley-VCH, WEINHEIM, pp.1-21, 2022
- II. **Fizik Laboratuvarı Deney Kitabı: Elektrik ve Manyetizma**
YELKENCİ A. F., ÖĞRÜÇ İLDİZ G., ÖZER M., IŞIK E.
İKÜ Yayınevi, İstanbul, 2013
- III. **Physics Laboratory Manual: Mechanics 2nd Edition**
YELKENCİ A. F., HACİBEKİROĞLU G., ÖZER M., IŞIK E., ÖĞRÜÇ İLDİZ G.
İKÜ Yayınevi, İstanbul, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Conformational Analysis and Photochemistry of 2-Chloro-6-fluorobenzoic Acid Monomers in Solid Xenon**
ÖĞRÜÇ İLDİZ G., Rui F., BAYARI S., ÇELİK Ö., ATAK Ç., Kaygisiz E., Kabuk H. N., AYAN A., MERİÇ S., YAVUZ G., et al.
EastWest Chemistry Conference (EWCC), Palermo, Italy, 13 - 15 November 2019
- II. **Vibrational Spectroscopy as a Tool to Diagnose Psychiatric and Neurodevelopmental Disorders, Through Chemometrics Analysis of Spectral Data of Blood Plasma Samples**
ÖĞRÜÇ İLDİZ G., Rui F., BAYARI S., ÇELİK Ö., ATAK Ç., Kaygisiz E., Kabuk H. N., AYAN A., MERİÇ S., YAVUZ G., et al.

EastWest Chemistry Conference (EWCC), Palermo, Italy, 13 - 15 November 2019

- III. **UV-Induced Transformations of 3-Chloro-4-methoxy-benzaldehyde in Low-Temperature Matrices**
ÖĞRÜÇ İLDİZ G., Fausto R.
XVth International Conference on Molecular Spectroscopy from Molecules to Molecular Materials Molecular Biological Systems and Nanostructures, Wroclaw, Poland, 14 - 20 September 2019
- IV. **Vibrational Spectroscopy and Chemometrics in the Diagnosis of Schizophrenia and Bipolar Disorder**
YAVUZ G., ÖĞRÜÇ İLDİZ G.
Molecular Spectroscopy and Biological Applications, 17 - 18 June 2019
- V. **Raman Spectroscopic and Chemometric Study on Yellow Dent and Purple Flint Maize Kernel**
ÖĞRÜÇ İLDİZ G., KARADAĞ A.
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Turkey, 17 - 19 June 2019
- VI. **Attention Deficit / Hyperactivity Disorder in Adults: A Biomarker Study**
ÖĞRÜÇ İLDİZ G., KARADAĞ A.
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Turkey, 17 - 19 June 2019
- VII. **X-ray Powder Diffraction (XRD) Study of a Fulgurite**
ÖĞRÜÇ İLDİZ G., KARADAĞ A.
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Turkey, 17 - 19 June 2019
- VIII. **Vibrational Spectroscopy and Chemometrics in the Diagnosis of Schizophrenia (SZ) and Bipolar Disorder (BP)**
ÖĞRÜÇ İLDİZ G., KARADAĞ A.
INTERNATIONAL WORKSHOP ON MOLECULAR SPECTROSCOPY AND BIOLOGICAL APPLICATIONS JUNE 17-, İstanbul, Turkey, 17 - 19 June 2019
- IX. **Composition Analysis of Soybean Salt-Resistant Mutants by Raman Spectroscopy and Chemometrics**
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAK Ç., YILMAZ A., Kabuk H. N., Kaygisiz E., AYAN A., MERİÇ S., Fausto R.
Analytical and Bionalytical Methods Conference, San-Francisco, Costa Rica, 29 April - 01 May 2019
- X. **Large-Scale Matrix-Site Changing Mediated by Conformational**
ÖĞRÜÇ İLDİZ G., Fausto R.
Conversion Physical Organic Chemistry: Recent developments in instrumentation, structure, theory, and mechanisms, Bad Honnef, Germany, 18 - 21 February 2019
- XI. **Structure and Spectroscopic Properties of Nickel(II) Dimethylxanthate**
ÖĞRÜÇ İLDİZ G.
MOLIM COST center meeting "Intra- and inter-molecular interactions - a MOLIM working group 1 meeting, 23 - 26 September 2018
- XII. **Lipid/Protein Ratio Contents of Soybean Mutants: A Raman Spectroscopic and Chemometrics Investigation**
ÖĞRÜÇ İLDİZ G., ÇELİK Ö., ATAK Ç., YILMAZ A., Kabuk H., Kaygisiz E., AYAN A., MERİÇ S., Rui F.
XXXIV EUROPEAN CONGRESS ON MOLECULAR SPECTROSCOPY, Coimbra, Portugal, 19 - 24 August 2018
- XIII. **Structural Aspects and Reactivity of 5-Methylhydantoin**
Nogueira B., ÖĞRÜÇ İLDİZ G., Canotilho J., Eusebio M. E. S., Henriques M. S. C., Paixao A., Rui F.
24th IUPAC International Conference on Physical Organic Chemistry (ICPOC24), Algarve, Portugal, 1 - 06 July 2018
- XIV. **From the Isolated Molecule to the Crystal: A Study of Isomerism, Photochemistry and Polymorphism in Hydantoin Derivatives**
Nogueira B., ÖĞRÜÇ İLDİZ G., Canotilho J., Henriques M. S. C., Eusebio M. E. S., Rui F.
Joint Iberian Meeting (Atomic and Molecular Physics) - IBER 2017, 6 - 11 July 2017
- XV. **Raman Spectroscopy Applied to the Chemical Characterization of Mono and Multi Species Biofilms**
ÖĞRÜÇ İLDİZ G.
International Turkish Congress on Molecular Spectroscopy (TURCMOS 2015), Antalya, Turkey, 11 - 15 September 2015

- XVI. **FT IR Spectroscopy and Multivariate Analysis as an Auxiliary Tool for Diagnosis of Mental Disorders Bipolar and Schizophrenia Cases**
ÖĞRÜÇ İLDİZ G., HERKEN H., ÜNSALAN O.
International Turkish Congress on Molecular Spectroscopy (TURCMOS 2015), 11 - 15 September 2015
- XVII. **Matrix isolation infrared spectroscopic thermodynamic and theoretical study of 1 methylhydantoin**
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