

Prof. SEMRAN SAĞLAM

Personal Information

Office Phone: +90 312 202 1528

Email: semran@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/semran>

Address: Gazi Üniversitesi Fen Fakültesi Dekanlık Binası Giriş Kat Teknikokullar Yenimahalle ANKARA

International Researcher IDs

ScholarID: HeOSNsMAAAAJ

ORCID: 0000-0002-5837-6540

Publons / Web Of Science ResearcherID: AHH-2491-2022

ScopusID: 7003697982

Yoksis Researcher ID: 42446

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1992 - 1999

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Fizik (YD) (Tezli), Turkey 1985 - 1989

Undergraduate, Ankara University, Fen Fakültesi, Fizik Bölümü, Turkey 1980 - 1984

Foreign Languages

English B2 Upper Intermediate

Dissertations

Doctorate, 1,4-diaminobütan liganalı Td-tipi konak-konuk bileşiklerinin infrared ve raman spektroskopisi ile incelenmesi,
Gazi University, Fen Bilimleri Enstitüsü, Fizik (Dr), 1999

Postgraduate, 3H-3He çekirdekleri arasındaki bağlama enerjisi farkının yük asimetrik potansiyellerle açıklanması, Gazi University, Fen Bilimleri Enstitüsü, Fizik (YI), Tezli, 1988

Research Areas

Atomic and Molecular Physics, Interdisciplinary Physics and Related Science and Technology Areas

Academic Titles / Tasks

Professor Gazi University Fen Fakültesi Fizik 2016 - Continues

Associate Professor Gazi University Fen Fakültesi Fizik 2009 - 2015

Assistant Professor, Gazi University Fen Fakültesi, Fizik 2002 - 2009

Research Assistant Gazi University Fen Fakültesi Fizik 1985 - 2002

Academic and Administrative Experience

Gazi University, Fen Fakültesi, Fizik Bölümü, 2005 - 2008

Advising Theses

Sağlam S., Sol-Gel Yöntemi ile ZnS İnce Film Büyütülmesi, Elektriksel ve Yapısal Özelliklerinin İncelenmesi, Postgraduate, E.BALCI(Student), 2022

SAĞLAM S., Synthesis And Characterization Of Au Nanoparticle By Laser Ablation Technique, Postgraduate, B.BAYRAM(Student), 2019

SAĞLAM S., Germanium tek kristal optik pencere üzerine yansıtıcı ince film geliştirilmesi, Postgraduate, A.KARACA(Student), 2018

SAĞLAM S., The Development Of Anti-Reflection Thin Film On Germanium Single Crystal Optical Window, Postgraduate, A.Karaca(Student), 2018

SAĞLAM S., THE PRODUCTION, ANALYSIS AND TESTING PROCESSES OF REFLECTIVE & ANTIREFLECTIVE OPTICAL THIN FILM MATERIALS, Doctorate, Ü.CEREN(Student), 2016

SAĞLAM S., TiO₂ ince film gaz sensörlerinin geliştirilmesi, Postgraduate, B.CÖMERT(Student), 2015

SAĞLAM S., Growth and electrical characterization of undoped and Sb-doped Ge single crystals by czochralski technique, Postgraduate, V.BARAN(Student), 2013

SAĞLAM S., Hybrid positron emission and computed tomography systems quality control testing and implementation of the shielding unit account, Postgraduate, F.GİZEM(Student), 2011

SAĞLAM S., Theoretical investigation of the molecular structure and vibrational spectra of rasagiline and its salts, Postgraduate, Ü.CEREN(Student), 2011

SAĞLAM S., InGaAs temelli güneş pili yapılarının kusur analizi, Postgraduate, G.ÖZAT(Student), 2010

SAĞLAM S., Metal-yalıtkan-yarıiletken (Au/SiO₂/N-Si) yapıların elektriksel özelliklerinin I-V ve C-V ölçüm metotları ile incelenmesi, Postgraduate, F.ALITKAN(Student), 2009

SAĞLAM S., THE INVESTIGATION OF ELECTRICAL CHARACTERISTICS OF METAL-INSULATOR-SEMICONDUKTOR (Au/SiO₂/n-Si) STRUCTURES BY USING I-V AND C-V MENSUREMENTS METHODS, Postgraduate, F.ALITKAN(ZORLU) (Student), 2009

SAĞLAM S., N-pentylamine molekülünün yapısının ve titreşimsel spektrumunun teorik olarak incelenmesi, Postgraduate, A.İĞDE(Student), 2008

SAĞLAM S., Metilfenidat molekünün moleküller yapısının ve titreşimsel spektrumunun teorik olarak incelenmesi, Postgraduate, B.SEYmen(Student), 2008

SAĞLAM S., 2,5 di metil anilin ile halojenli komplekslerin infrared spektrumu ile incelenmesi, Postgraduate, A.REFİK(Student), 2006

SAĞLAM S., Bi_{1,6}Pb_{0,4}Sr₂Ca_{2-x}Sm_xCu₃O_y (x= 0,0 ve 1,0) süperiletkenlerin elektriksel karakterizasyonu, Postgraduate, H.BOĞAZ(Student), 2006

SAĞLAM S., Histamin ve serotonin (5-HT) moleküllerinin titreşim spektrumlarının deneysel ve teorik olarak incelenmesi, Postgraduate, H.FEHMI(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Structural and morphological analysis of rf sputtered nano ZnSe coatings as a function of thickness: investigation of the effect of metal contact on MIS structure with ZnSe interfacial layer
Balci E., Kinaci B., Çetinkaya Ç., Çokduygular E., Ataşer T., Akin Sönmez N., Sağlam S., Özçelik S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.34, no.16, 2023 (SCI-Expanded)
- II. Structural, thermal, spectroscopic, electronic and biological activity properties of coumarin-153 dyes for DSSCs: A DFT benchmark study
ERDOĞDU Y., Baskose U., SAĞLAM S., Erdogan M., Ogutcu H., ÖZÇELİK S.
Journal of Molecular Structure, vol.1221, 2020 (SCI-Expanded)
- III. Conformational, structural, electronic, and vibrational investigations on 5-methyl-4-(2-

- thiazolylazo)resorcinol by FT-IR, FT-Raman, NMR, and DFT**
Erdoğan Y., Baskose U. C., Sağlam S.
CHEMICAL PAPERS, vol.73, no.8, pp.1879-1891, 2019 (SCI-Expanded)
- IV. Titanium Dioxide Thin Films as Methane Gas Sensors**
Comert B., Akin Sönmez N., Donmez M., Sağlam S., Özçelik S.
IEEE Sensors Journal, vol.16, no.24, pp.8890-8896, 2016 (SCI-Expanded)
- V. Characterization of Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications**
Emul E., Sağlam S., Ateş H., Korkusuz F., Sağlam N.
Journal Of Electronic Materials, vol.45, pp.3835-3841, 2016 (SCI-Expanded)
- VI. Synthesis and characterization of silver nanoparticles integrated in polyvinyl alcohol nanofibers for bionanotechnological applications**
Sağlam S., Tan G., Emul E., Erdönmez D., Sağlam N.
Turkish Journal Of Biology, vol.40, no.3, pp.643-651, 2016 (SCI-Expanded)
- VII. Theoretical (DFT) and experimental (FT-IR, FT-Raman, FT-NMR) investigations on 7-Acetoxy-4-(bromomethyl)coumarin**
ERDOĞDU Y., Sağlam S., Dereli O.
OPTICS AND SPECTROSCOPY, vol.119, no.3, pp.411-423, 2015 (SCI-Expanded)
- VIII. An investigations on the molecular structure, FT-IR, FT-Raman and NMR spectra of 1-(p-tolylsulfonyl) pyrrole by theoretical and experimental approach**
ERDOĞDU Y., Sağlam S., Gulluoglu M. T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.146, pp.88-96, 2015 (SCI-Expanded)
- IX. Synthesis, characterization and theoretical studies of 5-(benzylthio)-1-cylopentyl-1H-tetrazole**
Sağlam S., Disli A., ERDOĞDU Y., Marchewka M. K., Kanagathara N., Bay B., Gulluoglu M. T.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.135, pp.1011-1018, 2015 (SCI-Expanded)
- X. Infrared, Raman and NMR spectra, conformational stability and vibrational assignment of 7,8-Dihydroxy-4-Methylcoumarin**
ERDOĞDU Y., SAĞLAM S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.132, pp.871-878, 2014 (SCI-Expanded)
- XI. Comparative experimental and theoretical studies of N-(4-ethylbenzylidene)-N'-(2-carboxyphenyl)hydrazine novel Schiff base**
TUNÇ T., Tezcan H., SAĞLAM S., Dilek N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.127, pp.490-497, 2014 (SCI-Expanded)
- XII. Molecular structure, vibrational spectral investigation and the confirmation analysis of 4-Methylesculetin molecule**
ERDOĞDU Y., Guzel M., Gulluoglu M. T., Amalanathan M., Sağlam S., Joe I. H.
OPTICS AND SPECTROSCOPY, vol.116, no.3, pp.348-359, 2014 (SCI-Expanded)
- XIII. Theoretical investigation of the Anti-Parkinson drug rasagiline and its salts: conformations and infrared spectra**
Baskose U. C., BAYARI S., SAĞLAM S., ÖZİŞIK H.
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.10, no.2, pp.395-406, 2012 (SCI-Expanded)
- XIV. Comparing of the host-guest interaction in the Hofmann-1,10-diaminodecane and Hofmann-1,12-diaminododecane-type clathrates**
Sağlam S., Sertbakan T. R., Ozbay A., Ozcelik S., Kasap E.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.66, no.3-4, pp.243-249, 2010 (SCI-Expanded)
- XV. Theoretical study on gas-phase conformations and vibrational assignment of methylphenidate**
BAYARI S., Seymen B., ÖZİŞIK H., SAĞLAM S.

- JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.893, pp.17-25, 2009 (SCI-Expanded)
- XVI. **Molecular structure and vibrational spectra of 4-, 5-, 6-chloroindole**
Ozisik H., SAĞLAM S., BAYARI S.
STRUCTURAL CHEMISTRY, vol.19, no.1, pp.41-50, 2008 (SCI-Expanded)
- XVII. **Structural and optical properties of an In_xGa_{1-x}N/GaN nanostructure**
Korcak S., Oeztuerk M. K., Coerekci S., Akaoglu B., Yu H., Cakmak M., Saglam S., Oezcelik S., Oezbay E.
Surface Science, vol.601, no.18, pp.3892-3897, 2007 (SCI-Expanded)
- XVIII. **Infrared spectroscopic study on the Hofmann-dadn-type and the T-d-dahxn-type clathrates**
Ozbay A., Saglam S., Sertbakan T. R., Kasap E., Ozcelik S.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.58, no.1-2, pp.49-54, 2007 (SCI-Expanded)
- XIX. **Experimental and theoretical studies of the vibrational spectrum of 5-hydroxytryptamine**
Bayari S., Saglam S., Ustundag H.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.726, no.1-3, pp.225-232, 2005 (SCI-Expanded)
- XX. **Investigation of host-guest interactions in the Hofmann-daddn-type clathrates: M(1,12-diaminododecane)Ni(CN)(4)center dot G (M = Co, Ni or Cd; G = toluene, m-xylene, o-xylene or p-xylene)**
Sertbakan T., Saglam S., Ozbay A., Ozcelik S.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.49, no.3-4, pp.235-240, 2004 (SCI-Expanded)
- XXI. **Vibrational spectroscopic studies on the 1,4-diaminobutane-T-d-type clathrates: Cd(dabn)M(CN)(4)center dot 1,5C(6)H(6) (M = Cd or Hg)**
Kantarci Z., Saglam S., Kasap E.
SPECTROSCOPY LETTERS, vol.35, no.6, pp.811-819, 2002 (SCI-Expanded)
- XXII. **Infrared spectroscopic study of the Hofmann-dadn-type clathrates: M(1,10-diaminodecane) Ni(CN)(4) center dot 1,5G (M = Co, Ni or Cd; G = chlorobenzene, 1,2-, 1,3- or 1,4-dichlorobenzene)**
Sertbakan T., Saglam S., Kasap E., Kantarci Z.
VIBRATIONAL SPECTROSCOPY, vol.24, no.2, pp.249-255, 2000 (SCI-Expanded)
- XXIII. **Investigation of host-guest interactions in the Hofmann-dabn-type clathrates: M(1,4-diaminobutane)Ni(CN)4·1.5G (M = Co or Ni, G = benzene derivatives)**
Saglam S., Sertbakan T., Kasap E., Kantarci Z.
Journal of Molecular Structure, vol.482-483, pp.69-74, 1999 (SCI-Expanded)
- XXIV. **Infrared spectroscopic studies of the Hofmann-daon-type clathrates: M(1,8-diaminoctane)Ni(CN)(4)center dot G (M = Co, Ni or Cd; G = 1,2-dichlorobenzene or 1,4-dichlorobenzene)**
Sertbakan T., Saglam S., Kasap E., Kantarci Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.482, pp.75-79, 1999 (SCI-Expanded)
- XXV. **Vibrational Spectroscopic Studies on the Td Type Clathrates**
SAĞLAM S., KANTARCI Z., KASAP E.
Balkan Physics Lett., vol.5, pp.203-206, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Electrospun Nanofibrous Scaffolds Current Status and Prospects in Nanotechnology and Nanomedicine**
SAĞLAM N., EMUL E., SAĞLAM S., YALÇIN E., ŞAM M., KORKUSUZ F.
Experimental and Clinical Sciences International Journal on "Technical and Physical Problems of Engineering (IJTPE), vol.7, no.23, pp.55-59, 2015 (Scopus)
- II. **The Effect of Growth Conditions on The Optical and Structural Properties of InGaN/GaN MQW LED Structures Grown by MOCVD**
ÇETİN S., SAĞLAM S., ÖZÇELİK S., Ozbay E.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.4, pp.1105-1110, 2014 (ESCI)

III. Structural and Optical Properties of Reactive Sputtered ZnO Thin Films on Flexible-Transparent Substrates

Akin Sönmez N., Başköse Ü. C., Efkere H. İ., Sağlam S., Aydin S. Ş., Özçelik S.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.4, pp.1111-1114, 2014 (Scopus)

IV. Conformational and Vibrational Study of 4 Aminohippuric acid

BAYARI S., ÖZİŞIK H., SAĞLAM S.

Azerbaijan Journal of Physics, vol.16, pp.636-640, 2010 (Peer-Reviewed Journal)

V. Conformational And Vibrational Studies Of Triclosan

Özışık H., Bayarı S., Sağlam S.

AIP Conference Proceedings, vol.1203, pp.1227-1232, 2009 (Scopus)

Books & Book Chapters

I. Lantibiotics Nanotechnology, Bioengineering, and Biotechnology

Şam M., Sağlam S., Altındağ S., Köse K., Emül E., Uzun L., Sağlam N.

in: Nanotechnology Applications in Health and Environmental Sciences, Necdet Saglam, Feza Korkusuz, Ram Prasad, Editor, Springer, London/Berlin , Berlin, pp.319-331, 2021

II. Recent Advancements and New Perspectives of Nanomaterials

Emül E., Aşık M. D., Akçan R., Köse K., Uzun L., Sağlam S., Korkusuz F., Sağlam N.

in: Plant Nanobionics, Ram Prasad, Editor, Springer, London/Berlin , Zürich, pp.1-32, 2019

III. Bioremediation Applications with Fungi

SAĞLAM N., YEŞİLADA Ö., SAĞLAM S., APOHAN E., ŞAM M., İLK S., Emül E., GÜREL E.

in: Mycoremediation and Environmental Sustainability Volume 2, Section 1: Bioremediation Applications with Fungi, Prasad Ram, Editor, Springer, Cham, pp.1-37, 2018

Refereed Congress / Symposium Publications in Proceedings

I. QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION

SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.

6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55

II. QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION

SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.

6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55

III. QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION

Sağlam S., Başköse C., Özbay A., Taşçıoğlu İ.

THERMAM 2019, İzmir, Turkey, 22 - 24 September 2019

IV. QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION

SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.

6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55

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SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.

6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55

VI. QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION

SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.

- 6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55
- VII. **QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION**
SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.
6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55
- VIII. **QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION**
SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.
6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55
- IX. **QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION**
SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.
6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55
- X. **QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION**
SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.
6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55
- XI. **QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIVES: THEORETICAL INVESTIGATION**
SAĞLAM S., BASKÖSE U. C., ÖZBAY A., SERTBAKAN T. R.
6th International Conference on Thermophysical and Mechanical Properties of Advanced Materials, İZMİR/ÇEŞME, Turkey, 22 - 24 September 2019, pp.55
- XII. **IN VITRO BIOACTIVITY ASSESSMENT OF POLYMER AND NANO HYDROXYAPETITE (nHAp) NANOFIBERS FOR TISSUE ENGINEERING BY ELECTROSPINNING TECHNIQUE**
EMÜL E., ATEŞ H., SAĞLAM S., KORKUSUZ F., SAĞLAM N., TÜRK M., ERDOĞDU M.
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018
- XIII. **Molecular Structure and Vibrational Spectroscopic Studies on 3-((2-isopropyl-5-methylphenoxy)methyl)phenylboronic acid by FT-IR, FT-Raman combined with DFT calculations**
BASKÖSE C., SAĞLAM S., ERDOĞDU Y., GÜLLÜOĞLU M. T.
7.Roctocker International Conference: Thermophysical Properties for Technical Thermodynamics (THERMAM2018), Rostock, Germany, 26 - 27 July 2018
- XIV. **Quantum computational studies, spectroscopic (FT-IR, FT-Raman, NMR and UV-Vis) profiling on 1,3,4-Thiadiazole-2,5-dithiol**
ERDOĞDU Y., SAĞLAM S., BASKÖSE C.
7.Roctocker International Conference: Thermophysical Properties for Technical Thermodynamics (THERMAM2018), Rostock, Germany, 26 - 27 July 2018
- XV. **Simulations on the Structure, Vibrational and Electronic properties of Methyl -2-chloro-6-methylpridine-4-carboxlate by FT-IR, FT-Raman and DFT methods**
SAĞLAM S., ERDOĞDU Y., BASKÖSE C.
7.Roctocker International Conference: Thermophysical Properties for Technical Thermodynamics (THERMAM2018), Rostock, Germany, 26 July 2018
- XVI. **Vibrational And Electronic Properties Of C₁₆H₁₄F₃N₀2**
BAŞKÖSE Ü. C., SAĞLAM S., ERDOĞDU Y., ÖZÇELİK S.
7th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics, Rostock, Germany, 26 - 27 July 2018
- XVII. **MWIR Bölgesi İçin Yansıma Önleyici İnce Film Kaplama/Anti-Reflection Thin Film Coating For MWIR Region**
KARACA A., ÇAT Y., BARAN V., SAĞLAM S., ÖZÇELİK S.
1st Light and Light-Based Technologies Workshop, Turkey, 15 May 2018
- XVIII. **Synthesis and Characterization of Au Nanoparticle by Laser Ablation Technique**
BAYRAM B., SAĞLAM S., TOPALLİ K., OKYAY A., ATEŞ H.

ICENS- 2018, KİEV, Ukraine, 02 May 2018

- XIX. **Synthesis and characterization of Au nano particles by laser ablation technique**
SAĞLAM S., bayram b., TOPALLI K., okyay A. K., ATEŞ H.
ICEN-2018, 2 - 04 May 2018
- XX. **Vibrational and Electronic Properties of Coumarin 102 (C₁₆H₁₇NO₂)**
Başköse Ü. C., ERDOĞDU Y., SAĞLAM S., ÖZÇELİK S.
International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2018), 26 - 28 April 2018
- XXI. **Theoretical And Experimental Studies On Vibrational, Structural And Nonlinear Optic Properties Of Trithiocyanuric Acid (C₃H₃N₃S₃)**
Başköse Ü. C., ERDOĞDU Y., SAĞLAM S., GÜLLÜOĞLU M. T.
International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2018), 26 - 27 April 2018
- XXII. **IN VITRO BIOACTIVITY ASSESSMENT OF POLYMER AND NANO HYDROXYAPATITE (nHAp) NANOFIBERS FOR TISSUE ENGINEERING BY ELECTROSPINNING TECHNIQUE**
EMÜL E., ATEŞ H., SAĞLAM S., SAĞLAM N., KORKUSUZ F., TÜRK M., ERDOĞDU M.
TURKEY-TAIWAN HEALTH SCIENCE SYMPOSIUM, 1 - 04 April 2018
- XXIII. **8-12 µm Dalgaboyu Aralığı İçin Germanium Optik Pencere Üzerine Yansıma Önleyici İnce Film Geliştirilmesi**
Karaca A., Dönmez M., Kurtuluş G., Yaman A. D., Sağlam S., Özçelik S.
23. Yoğun Madde Fiziği Toplantısı, Ankara, Turkey, 22 December 2017
- XXIV. **8-12 mikrometre Dalgaboyu Aralığı İçin Germanium Optik Pencere Üzerine Yansıma Önleyici İnce Film Geliştirilmesi**
KARACA A., Dönmez M., Kurtuluş G., Yaman A. D., SAĞLAM S., ÖZÇELİK S.
23. Yogen Madde Fizigi Ankara Toplantısı, Ankara, Turkey, 22 December 2017
- XXV. **The Improvement of the Optical Transmission on the Sb-doped Ge Optical Window with ZnS ARC**
Asar T., Karaca A., Sağlam S., Özçelik S.
Italian Crystal Growth Conference (ICG2017), Milan, Italy, 20 - 21 October 2017
- XXVI. **Germanium Tek Kristal Optik Pencere Üzerine Yansıma Önleyici İnce Film Geliştirilmesi**
Karaca A., Sağlam S., Özçelik S.
19. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı (FOTONİK 2017), Ankara, Turkey, 29 September 2017
- XXVII. **Germanium Tek Kristal Optik Pencere Üzerine Yansıma Önleyici İnce Film Geliştirilmesi**
KARACA A., SAĞLAM S., ÖZÇELİK S.
Fotonik 2017, İstanbul, Turkey, 29 September 2017
- XXVIII. **The Development of Anti-Reflection Film on Germanium Optical Windows**
KARACA A., SAĞLAM S., ÖZÇELİK S.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Turkey, 6 - 10 September 2017, pp.645
- XXIX. **Structural and Vibrational Investigation on Methyl-2-((succinimidooxy) carbonyl) benzoate combining FT-IR, FT-Raman and NMR spectroscopies with DFT calculations**
ERDOĞDU Y., GÜLLÜOĞLU M. T., DERELİ Ö., SAĞLAM S., SERTBAKAN T. R.
XIV. International Conference on Molecular Spectroscopy Bialka Tatrzanska 2017, 3 - 07 September 2017, pp.355
- XXX. **Combined experimental (FT-IR, FT-Raman, NMR) and theoretical studies on the molecular structure, vibrational spectra, reactivity descriptor and molecular docking of Methyl-5-(4-cyanophenyl)furan-2-carboxylate**
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- XXXI. **Molecular structure and vibrational spectroscopic analysis of 2-(5-phenyl-2-oxazolyl)-benzoic acid by FT-IR, FT-Raman, NMR and UV-Vis spectroscopies combined with DFT calculations**
GÜLLÜOĞLU M. T., ERDOĞDU Y., DERELİ Ö., SERTBAKAN T. R., SAĞLAM S.
XIV. International Conference on Molecular Spectroscopy Bialka Tatrzanska 2017, 3 - 07 September 2017, pp.357

- XXXII. **Electronic and Spectroscopic investigation of 3-phenyl-1H-pyrazole-5-carboxylic acid by combining FT-IR, FT-Raman, NMR and DFT calculations**
GÜLLÜOĞLU M. T., ERDOĞDU Y., DERELİ Ö., SERTBAKAN T. R., SAĞLAM S.
XIV. International Conference on Molecular Spectroscopy Bialka Tatrzanska 2017, 3 - 07 September 2017, pp.356
- XXXIII. **Conformational, Structural, Electronic and Vibrational Investigations on 5-Methyl-4-(2-thiazolylazo)resorcinol by FT-IR, FT-Raman, NMR and DFT**
SAĞLAM S., ERDOĞDU Y., BASKOSE U. C., GÜLLÜOĞLU M. T.
Turkish Congress on Molecular Spectroscopy(TURCMOS2017), Bodrum, Turkey, 26 - 29 August 2017
- XXXIV. **Combined experimental (FT-IR, FT-Raman, NMR) and theoretical studies on the molecular structure, vibrational spectra, reactivity descriptor and molecular docking 4,4/-dimethyl-2-2/dipyridyl**
BASKOSE U. C., ERDOĞDU Y., SAĞLAM S., GÜLLÜOĞLU M. T.
Turkish Congress on Molecular Spectroscopy(TURCMOS2017), 26 - 29 August 2017
- XXXV. **Investigations on the FT-IR, FT-Raman, Conformational analysis, Molecular docking, Fukui function, DFT of 2-Isopropyl-6-methyl-4-pyrimidinol**
ERDOĞDU Y., SAĞLAM S., BASKOSE U. C., GÜLLÜOĞLU M. T.
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- XXXVI. **Investigation on spectroscopic and quantum chemical calculation studies of Aloe Emodin molecule**
DERELİ Ö., BASKÖSE U. C., ERDOĞDU Y., SAĞLAM S.
Turkish Congress on Molecular Spectroscopy(TURCMOS2017), 26 - 29 August 2017
- XXXVII. **Anti-quorum sensingactivity of kaempferol loaded lecithin/chitosan nanoparticles**
İLK S., SAĞLAM N., EMÜL E., SAĞLAM S., KORKUSUZ F.
h Rostocker International Conference on ThermophysicalProperties for Technical Thermodynamics -THERMAM 2017, 17 - 18 July 2017, pp.33
- XXXVIII. **Vibrational and structural investigationson 7-hydroxy-4-(trifluoromethyl)-2h-chromen-2-one**
SAĞLAM S., ERDOĞDU Y., GÜLLÜOĞLU M. T.
h Rostocker International Conference on ThermophysicalProperties for Technical Thermodynamics -THERMAM 2017, 17 - 18 July 2017, pp.77
- XXXIX. **Vibrational (FT-IR, FT-Raman andNMR spectra) and DFT analysis on 5-[2-(trifluoromethyl)phenyl]furfural**
SAĞLAM S., ERDOĞDU Y., GÜLLÜOĞLU M. T.
h Rostocker International Conference on ThermophysicalProperties for Technical Thermodynamics -THERMAM 2017, 17 - 18 July 2017, pp.77
- XL. **Guanidine ve Terephthalic Asit Moleküler İyon Komplekslerinin Kristal Yapı ve Titreşim Spektrumlarının İncelenmesi**
ERDOĞDU Y., SAĞLAM S., MARCHEWKA M., GÜLLÜOĞLU M. T.
Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 16 December 2016
- XLI. **7 Hydroxy 4 Trifloromethylcoumarin Molekülünün Spektroskopik FT IR FT Raman ve NMR ve Teorik DFT B3LYP olarak İncelenmesi**
SAĞLAM S., YUMUŞ M., ERDOĞDU Y., GÜLLÜOĞLU M. T.
22. Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 16 December 2016, vol.1
- XLII. **Au Cr İnce Filmlerin Elektro optik Yapısal ve Morfolojik Özelliklerinin Termal Etkiler Açısından İncelenmesi**
BAŞKÖSE C., ÇAT Y., BARAN V., SAĞLAM S., ÖZCELİK S.
22. Yoğun Madde Fiziği Ankara Toplantısı, Ankara Üniversitesi, Turkey, 16 December 2016, vol.1, pp.96
- XLIII. **Guanidine ve Terephthalic Asit Molekül iyon Komplekslerinin Kristal Yapı ve Titreşim Spektrumlarının İncelenmesi**
ERDOĞDU Y., SAĞLAM S., MARCHEWKA M., GÜLLÜOĞLU M. T.
22. Yoğun Madde Fiziği Ankara Toplantısı, Ankara Üniversitesi, Turkey, 16 December 2016
- XLIV. **7 Hydroxy 4 Trifluoromethylcoumarin Molekülünün Spektroskopik FT IR FT Raman ve NMR ve Teorik DFT B3LYP olarak İncelenmesi**
SAĞLAM S., Yumuş M., ERDOĞDU Y., GÜLLÜOĞLU M. T.

- Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 16 December 2016
- XLV. **Au/Cr İnce Filmlerin Elektro-Optik, Yapısal ve Morfolojik Özelliklerinin Termal Etkiler Açısından İncelenmesi**
Başköse Ü. C., Çat Y., Baran V., Sağlam S., Özçelik S.
22. Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 16 December 2016
- XLVI. **Development and Characterization of Quercetin Encapsulated Lecithin Chitosan Nanoparticles**
İLK S., EMUL E., SAĞLAM S., KORKUSUZ F., SAĞLAM N.
Uluslararası Katılımlı VIII: Ulusal Biyomekanik Kongresi, Turkey, 19 - 23 October 2016, vol.1
- XLVII. **Vibrational and structural study of 6 isopropylindole based on the FT IR spectrum and DFT calculations**
ERDOĞDU Y., GÜLLÜOĞLU M. T., SAĞLAM S.
WITAM-2016, 2ND İnternational Congress on the World of Technology and Advanced Materials, 28 September - 02 October 2016
- XLVIII. **Molecular structure vibrational spectral investigation and the conformation analysis of methyl 4 4 formylphenyl benzoate**
ERDOĞDU Y., BAHÇECİ Z. T., GÜLLÜOĞLU M. T., SAĞLAM S.
Türk Fizik Derneği 32. Uluslararası Fizik Kongresi, 6 - 09 September 2016
- XLIX. **vibrational spectral investigation and the conformation analysis of methyl 5 4 cyanophenyl furan 2 carboxylate**
ERDOĞDU Y., BAHÇECİ Z. T., SAĞLAM S., GÜLLÜOĞLU M. T.
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- LI. **Molecular structure vibrational spectral investigation and the conformation analysis of methyl 4 4 formylphenyl benzoate**
ERDOĞDU Y., BAHÇECİ Z. T., SAĞLAM S., GÜLLÜOĞLU M. T.
Turkish Physical Society 32. International Physics congress, 6 - 09 September 2016, vol.1
- LII. **Characterization of Sputtered TiO₂ Thin Films as a Gas Sensor**
CÖMERT B., AKIN N., DÖNMEZ M., SAĞLAM S., ÖZÇELİK S.
Turkish Physical Society 32nd International Physics Congress (TFD32), Muğla, Turkey, 6 - 09 September 2016
- LIII. **Chacracterization of sputtered TiO₂thin films as a gas sensor**
CÖMERT B., AKIN N., MELTEM D., SAĞLAM S., ÖZÇELİK S.
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- LIV. **In vitro Bioactivity Assesment Polymer and Nanohydroxyapatite nHAp Nanofibers for Tissue Engineering Technique**
ATEŞ H., SAĞLAM N., Emul E., TÜRK M., SAĞLAM S., ERDOĞDU M.
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- LV. **Theoretical investigation on vibrational spectra conformational analysis molecular structure and NBO analysis of 5 3 Trifluoromethyl phenyl furfural**
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SAĞLAM S., ERDOĞDU Y., GÜLLÜOĞLU M. T.

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- LVIII. **In vitro Bioactivity Assessment Polymer and Nanohydroxyapatite nHAp Nanofibers for Tissue Engineering by Electrospinning Technique**
ATEŞ H., SAĞLAM N., EMUL E., TÜRK M., SAĞLAM S., ERDOĞDU M.
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- LIX. **Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications**
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- LXI. **Molecular Structure Vibrational Spectral Investigation and the Confirmation Analysis of 1 Diphenylmethyl Piperazine**
SAĞLAM S., Güvenir A., GÜLLÜOĞLU M. T., ERDOĞDU Y.
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- LXII. **Molecular Structure Vibrational Spectral Investigation and the Confirmation Analysis of 1 Diphenylmethyl piperazine**
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- LXIII. **Characterization and Adhesion Studies of Sputtered Thin Gold Films on Sapphire: Effects Of Substrate Surface Pretreatments**
BAŞKÖSE Ü. C., AKIN SÖNMEZ N., BOYALI E., SAĞLAM S., ÖZÇELİK S.
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- LXIV. **TiO₂ ince filmlerin detaylı yapısal ve morfolojik analizleri**
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- LXV. **Vibrational Spectroscopic Studies on 1 P Tolylsulfonyl Pyrrole**
SAĞLAM S.
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Saglam S., ERDOĞDU Y., Gulluoglu M. T.
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- LXVII. **Yansıma Engelleyici Silisyum Nitrür (Si₃N₄) İnce Film Tabakanın Galium Arsenik (GaAs) Alttaş Üzerine Kaplanması ve Karakterizasyonu**
BAŞKÖSE Ü. C., SAĞLAM S., ÖZÇELİK S.
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- LXVIII. **Structural and Optical Properties of Si₃N₄ Thin Films Deposited by RF Magnetron Sputtering**
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- LXXI. **Molecular Structure and Vibrational Spectra of Nipecotic Acid by Density Functional Theory DFT**
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SERTBAKAN T. R., SAĞLAM S., ÖZBAY A., ÖZÇELİK S.

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