

Prof. SEMRAN SAĞLAM

Personal Information

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International Researcher IDs

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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 (YI) (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., Germanyum tek kristal optik pencere üzerine yansıma önleyici 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-SEMİCONDUKTOR (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 molekülünün moleküler yapısının ve titreşimsel spektrumunun teorik olarak incelenmesi, Postgraduate, B.SEYEMEN(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.FEHMİ(Student), 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrical Properties of Laser Patterned Schottky Diode with ALD-Grown TiO₂ Interlayer**
Dikicioğlu E., BALI M., SAĞLAM S., Berberoğlu H., PAVLOV I., Goodarzi A., ORHAN E.
ACS Omega, vol.9, no.19, pp.21346-21352, 2024 (SCI-Expanded)
- II. **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., Akın Sönmez N., Sağlam S., Özçelik S.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.34, no.16, 2023 (SCI-Expanded)
- III. **Structural, thermal, spectroscopic, electronic and biological activity properties of coumarin-153 dyes for DSSCs: A DFT benchmark study**

ERDOĞDU Y., Baskose U., SAĞLAM S., Erdogdu M., Ogutcu H., ÖZÇELİK S.

Journal of Molecular Structure, vol.1221, 2020 (SCI-Expanded)

- IV. **Conformational, structural, electronic, and vibrational investigations on 5-methyl-4-(2-thiazolylazo)resorcinol by FT-IR, FT-Raman, NMR, and DFT**
Erdoğdu Y., Baskose U. C., Sağlam S.
CHEMICAL PAPERS, vol.73, no.8, pp.1879-1891, 2019 (SCI-Expanded)
- V. **Titanium Dioxide Thin Films as Methane Gas Sensors**
Comert B., Akın Sönmez N., Donmez M., Sağlam S., Özçelik S.
IEEE Sensors Journal, vol.16, no.24, pp.8890-8896, 2016 (SCI-Expanded)
- VI. **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)
- VII. **Characterization of Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications**
Sağlam N., Sağlam S., Ateş H., Sağlam N., Sağlam N.
JOURNAL OF ELECTRONIC MATERIALS, vol.45, no.8, pp.3835-3841, 2016 (SCI-Expanded)
- VIII. **Synthesis and characterization of silver nanoparticles integrated in polyvinyl alcohol nanofibers for bionanotechnological applications**
Tan G., Sağlam S., Ezgi Emul N., Demet Erdönmez N., Sağlam N.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.3, pp.643-651, 2016 (SCI-Expanded)
- IX. **Immobilization of laccase onto a porous nanocomposite: application for textile dye degradation**
Sağlam N., Demircan D., Sağlam S., Sağlam N., Sağlam N.
TURKISH JOURNAL OF CHEMISTRY, vol.40, no.2, pp.262-276, 2016 (SCI-Expanded)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **Molecular structure, vibrational spectral investigation and the confirmation analysis of 4-Methylesculetin molecule**

- ERDOĞDU Y., Guzel M., Gulluoglu M. T., Amalanathan M., Saglam S., Joe I. H.
OPTICS AND SPECTROSCOPY, vol.116, no.3, pp.348-359, 2014 (SCI-Expanded)
- XVII. **Theoretical investigation of the Anti-Parkinson drug rasagiline and its salts: conformations and infrared spectra**
Baskose U. C., BAYARI S., SAĞLAM S., ÖZİŞİK H.
CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, vol.10, no.2, pp.395-406, 2012 (SCI-Expanded)
- XVIII. **Comparing of the host-guest interaction in the Hofmann-1,10-diaminododecane and Hofmann-1,12-diaminododecane-type clathrates**
Saglam 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)
- XIX. **Theoretical study on gas-phase conformations and vibrational assignment of methylphenidate**
BAYARI S., Seymen B., ÖZİŞİK H., SAĞLAM S.
JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM, vol.893, pp.17-25, 2009 (SCI-Expanded)
- XX. **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)
- XXI. **Structural and optical properties of an $\text{In}_x\text{Ga}_{1-x}\text{N}/\text{GaN}$ 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)
- XXII. **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)
- XXIII. **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)
- XXIV. **Investigation of host-guest interactions in the Hofmann-daddn-type clathrates: $\text{M}(1,12\text{-diaminododecane})\text{Ni}(\text{CN})_4$ 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)
- XXV. **Vibrational spectroscopic studies on the 1,4-diaminobutane-T-d-type clathrates: $\text{Cd}(\text{dabn})\text{M}(\text{CN})_4$ center dot $1,5\text{C}(6)\text{H}(6)$ (M = Cd or Hg)**
Kantarci Z., Saglam S., Kasap E.
SPECTROSCOPY LETTERS, vol.35, no.6, pp.811-819, 2002 (SCI-Expanded)
- XXVI. **Infrared spectroscopic study of the Hofmann-dadn-type clathrates: $\text{M}(1,10\text{-diaminododecane})\text{Ni}(\text{CN})_4$ center dot $1,5\text{G}$ (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)
- XXVII. **Investigation of host-guest interactions in the Hofmann-dabn-type clathrates: $\text{M}(1,4\text{-diaminobutane})\text{Ni}(\text{CN})_4 \cdot 1,5\text{G}$ (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)
- XXVIII. **Infrared spectroscopic studies of the Hofmann-daon-type clathrates: $\text{M}(1,8\text{-diaminooctane})\text{Ni}(\text{CN})_4$ 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)
- XXIX. **Vibrational Spectroscopic Studies on the Td Type Clathrates**
SAĞLAM S., KANTARCI Z., KASAP E.

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**
Akn Sönmez N., Başköse Ü. C., Efkere H. İ., Sağlam S., Aydın 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., ÖZİŞİK 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 Sağlam, 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 DERIVATIONS: THEORETICAL INVESTIGATION**
Sağlam S., Başköse C., Özbay A., Taşcıoğlu 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.
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- 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.RoctockerInternational 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.RoctockerInternational 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-methylpyridine-4-carboxylate by FT-IR, FT-Raman and DFT methods**

SAĞLAM S., ERDOĞDU Y., BASKÖSE C.

7.RoctockerInternational 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., TOPALLI K., OKYAY A., ATEŞ H.
ICENS- 2018, KİEV, Ukraine, 02 May 2018
- XIX. **Synthesis and characterization of Au nano particlesby 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 (C16H17N02)**
Başköse Ü. C., ERDOĞDU Y., SAĞLAM S., ÖZÇELİK S.
International Eurasian Conference onBiological 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 onBiological 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 Germanyum 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 Germanyum Optik Pencere Üzerine Yansıma Önleyici İnce Film Geliştirilmesi**
KARACA A., Dönmez M., Kurtuluş G., Yaman A. D., SAĞLAM S., ÖZÇELİK S.
23. Yogun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 22 December 2017
- XXV. **The Improvement of the Optical Transmissionon the Sb-doped Ge Optical Window with ZnS ARC**
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