

Prof. SEMRAN SAĞLAM

Personal Information

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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 liganali 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

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Fizik Bölümü, 2016 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Fizik Bölümü, 2009 - Continues

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

Research Assistant, Gazi University, Fen Fakültesi, Fizik Bölümü, 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), 2020

SAĞLAM S., Lazer ablasyon tekniği ile üretilen au nanoparçacıklarının sentezi ve karakterizasyonu, 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.İÇDE(Student), 2008

SAĞLAM S., Metilfenidat molekülünün moleküler yapısının ve titreşimsel spektrumunun teorik olarak incelenmesi, Postgraduate, B.SYEMEN(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}Sr₂Ca₂-xSmxCu₃O_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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Titanium Dioxide Thin Films as Methane Gas Sensors**
Comert B., AKIN SÖNMEZ N., Donmez M., SAĞLAM S., ÖZÇELİK S.
IEEE SENSORS JOURNAL, vol.16, no.24, pp.8890-8896, 2016 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **Synthesis and characterization of silver nanoparticles integrated in polyvinyl alcohol nanofibers for bionanotechnological applications**
Tan G., SAĞLAM S., SAĞLAM N., SAĞLAM N., SAĞLAM N.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.3, pp.643-651, 2016 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)

- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **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 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **QUANTUM CHEMICAL STUDIES OF SOME DIAMINE DERIVATIONS: THEORETICAL INVESTIGATION**
Sağlam S., Başköse C., Özbay A., Taşçıoğlu İ.
THERMAM 2019, İzmir, Turkey, 22 - 24 September 2019
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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

- VIII. **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
- IX. **Vibrational and Electronic Properties of Coumarin 102 (C16H17N02)**
Başköse Ü. C. , ERDOĞDU Y., SAĞLAM S., ÖZÇELİK S.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 28 April 2018
- X. **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
- XI. **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
- XII. **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
- XIII. **Germanyum Tek Kristal Optik Pencere Üzerine Yansıma Önleyici Film Geliştirilmesi**
Karaca A., Sağlam S., Özçelik S.
19. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı (FOTONİK 2017), Ankara, Turkey, 29 September 2017
- XIV. **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 Tatrzenska 2017, 3 - 07 September 2017, pp.355
- XV. **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 Tatrzenska 2017, 3 - 07 September 2017, pp.356
- XVI. **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**
ERDOĞDU Y., GÜLLÜOĞLU M. T. , DERELİ Ö., SAĞLAM S., SERTBAKAN T. R.
XIV. International Conference on Molecular Spectroscopy Bialka Tatrzenska 2017, Poland, 3 - 07 September 2017, pp.354
- XVII. **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 Tatrzenska 2017, 3 - 07 September 2017, pp.357
- XVIII. **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
- XIX. **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., BASKÖSE U. C. , GÜLLÜOĞLU M. T.
Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Bodrum, Turkey, 26 - 29 August 2017
- XX. **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

- XXI. **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.
Turkish Congress on Molecular Spectroscopy(TURCMOS2017), BODRUM, Turkey, 26 - 29 August 2017
- XXII. **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
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **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
- XXVIII. **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
- XXIX. **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.
Türk Fizik Derneği 32. Uluslararası Fizik Kongresi, 6 - 09 September 2016
- XXX. **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
- XXXI. **Theoretical investigation on vibrational spectra conformational analysis molecular structure and NBO analysis of 5 3 Trifluoromethyl phenyl furfural**
ERDOĞDU Y., GÜLLÜOĞLU M. T., SAĞLAM S.
THERMAM 2016, 3rd International Conference on Thermophysical and Mechanical Properties of Advanced Materials, 1 - 03 September 2016
- XXXII. **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.

Thermam 2016, 1 - 03 September 2016

- XXXIII. **Molecular structure vibrational spectral investigation and the confirmation analysis of Methyl 6 quinoxalinecarboxylate**
SAĞLAM S., ERDOĞDU Y., GÜLLÜOĞLU M. T.
THERMAM 2016, 3rd International Conference on Thermophysical and Mechanical Properties of Advanced Materials, 1 - 03 September 2016
- XXXIV. **Electrospun Nanofibrous Scaffolds for Nanobiomedical Applications**
ezgi e., SAĞLAM S., ATEŞ H., KORKUSUZ F., SAĞLAM N.
ECRES2015, Antalya, Turkey, 7 - 09 October 2015
- XXXV. **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.
Balkan Physical Union-BPU9, İstanbul, Turkey, 24 - 27 August 2015
- XXXVI. **TiO₂ ince filmlerin detaylı yapısal ve morfolojik analizleri**
CÖMERT B., KURTULUŞ G., EFKERE H. İ. , AKIN SÖNMEZ N., SAĞLAM S., ÖZÇELİK S.
20. Yoğun Madde Fiziği Ankara Toplantısı, Ankara, Turkey, 26 December 2014
- XXXVII. **Yansıma Engelleyici Silisyum Nitrür (Si₃N₄) İnce Film Tabakanın Galyum Arsenik (GaAs) Alttaş Üzerine Kaplanması ve Karakterizasyonu**
BAŞKÖSE Ü. C. , SAĞLAM S., ÖZÇELİK S.
19. Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 20 December 2013
- XXXVIII. **Structural and Optical Properties of Si₃N₄ Thin Films Deposited by RF Magnetron Sputtering**
BAŞKÖSE Ü. C. , KURTULUŞ G., ÇETİN S. Ş. , SAĞLAM S., ÖZÇELİK S.
International Turkish Congress on Molecular Spectroscopy (TURCMOS2013), İstanbul, Turkey, 15 - 20 September 2013
- XXXIX. **Structural and optical properties of RF sputtered AZO thin films on different substrates**
ÇETİN S. Ş. , ASAR T., AKIN SÖNMEZ N., EFKERE H. İ. , PİŞKİN E., BAŞKÖSE Ü. C. , KURTULUŞ G., SAĞLAM S., MEMMEDLİ T., ÖZÇELİK S.
Turkish Physical Society 30th International Physics Congress, İstanbul, Turkey, 2 - 05 September 2013
- XL. **Molecular Structure and Vibrational Spectra of Nipecotic Acid by Density Functional Theory DFT**
GÜLLÜOĞLU M. T. , Güzel M., SERTBAKAN T. R. , SAĞLAM S., ERDOĞDU Y.
XIII. Ulusal Spektroskopî Kongresi, Turkey, 15 - 18 May 2013
- XLI. **Structrural and optical properties of the Si_nx thin film on p type Si substrates**
Başköse Ü. C. , Çetin S. Ş. , Efkere H. İ. , Özen Y., Sağlam S., Memmedli T., Özçelik S.
Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012
- XLII. **Structrural and optical properties of the Si_nx thin film on glass substrates**
Efkere H. İ. , Özen Y., Başköse Ü. C. , Çetin S. Ş. , Sağlam S., Memmedli T., Özçelik S.
Turkish Physical Society 29th International Physics Congress, Muğla, Turkey, 5 - 08 September 2012
- XLIII. **InGaAs Temelli Güneş Pili Yapılarının Kusur Analizi**
ÖZAT G., SARIKAVAK B., ÖZTÜRK M., SAĞLAM S., ÖZÇELİK S.
Turkish Physical Society 27th International Physics Congress, İstanbul, Turkey, 14 - 17 September 2010
- XLIV. **On the profile of frequency dependent interface states and series resistance in Al/SiO₂/P-Si (MisStructure)**
SAĞLAM S., TAŞÇIOĞLU İ., ÖZBAY A.
5. Uluslararası Bilim Teknik Konferansı: Fiziğin Güncel Problemleri, 25 June 2008 - 27 June 2018
- XLV. **MBE Growth and Characztion of In_{0,17}Ga_{0,83}As/GaAs Qwip Structure**
SAĞLAM S., ALTUNTAŞ H., MAMMADOV T., ÖZÇELİK S.
Sixth International Conference Microelectronic Tranformers and Devices on their Basis, Baku, Azerbaijan, 14 - 16 November 2007
- XLVI. **Analysis of GaAs/Al_xGaAs_{1-x} Multiple Quantum well by Elipsomerty, Photoluminescence and X-Ray Diffraction**
AKAOĞLU B., ÖZTÜRK M., SAĞLAM S., MAMMADOV T., ÖZÇELİK S.

- Turkish Physical Society 25th International Physics Congress, BODRUM, MUĞLA, Turkey, 13 - 16 September 2005
- XLVII. **Vibrational spectroscopic study on Hofmann Td type Clathrates: Cd(1,8-Diaminooctane)Hg(CN₄).G (G=Benzene, 1,2-,1,3-Dichlorobenzene, O-M-P-Xylene)**
ÖZBAY A., Polat T., SAĞLAM S., SERTBAKAN T. R. , KASAP E.
5th. general conference of the Balkan Physics Union, 25 - 29 August 2003
- XLVIII. **Investigation of Host-Guest interaction in the Hofmann -daddn-type clathrates: M(1,12-Diaminododecane)Ni(CN)₄. G (M=Co, Ni or Cd G=Toluene, o-Xylene, m-Xylene, p-Xylene)**
SERTBAKAN T. R. , SAĞLAM S., ÖZBAY A., ÖZÇELİK S.
XXVI European Congress on Molecular Spectroscopy, 1 - 06 October 2002
- XLIX. **Transition metal halide complexes of 2,5-dimethylaniline: A study of Infrared Spectroscopy**
ÖZÇELİK S., Döner A. R. , SAĞLAM S., ÖZBAY A.
XXVI European Congress on Molecular Spectroscopy, 1 - 06 October 2002
- L. **Vibrational spectroscopic studies on the Td-Type Clathrates : Cd(1,6-Diaminohexane) M(CN)₄C₆H₆ (M=Cd or Hg)**
SAĞLAM S., ÖZBAY A., KASAP E., ÖZÇELİK S.
XXVI European Congress on Molecular Spectroscopy, 1 - 06 October 2002
- LI. **Infrared spectroscopic study on the Hofmann-dadn-type clathrates: M(1,10-Diaminododecane)Ni(CN)₄.1,5G (M=Co, Ni or Cd G=o-Xylene, m-xylene, p-xylene)**
ÖZBAY A., SERTBAKAN T. R. , SAĞLAM S., KASAP E.
XXVI European Congress on Molecular Spectroscopy, 1 - 06 October 2002
- LII. **Comparing of Host-Guest interaction in the Hofmann-1,10 Diaminododecane-type and Hofmann -1,12 Diaminododecane-type clathrates**
SAĞLAM S., SERTBAKAN T. R. , ÖZBAY A., ÖZÇELİK S., KASAP E.
XXVI European Congress on Molecular Spectroscopy, 1 - 06 October 2002

Supported Projects

SAĞLAM S., Project Supported by Higher Education Institutions, Metilfenidat(Methylphenidate) Molekülünün Titreşimsel spektroskopi ve Kuantum Mekaniksel Hesaplama Yöntemleri İle Moleküler ve Titreşim Özelliklerinin Belirlenmesi, 2007 - Continues

Citations

Total Citations (WOS):67

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