

ÖZGEÇMİŞ & YAYIN LİSTESİ

Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Optisyenlik Programı, Çamlık Sosyal Tesisleri, Güre Yerleşkesi, Merkez/GİRESUN
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Adı Soyadı : Halil GÖKCE
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Yabancı Dili : İngilizce
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Eğitim Durumu;

Doçentlik :Üniversitelerarası Kurul Başkanlığı, 05.04.2016, Fizik - Atom ve Molekül Fiziği
Doktora :Süleyman Demirel Üniversitesi, Fen Bilimleri Ens., Fizik A.B.D., 2009-2013, ISPARTA (**Tez Adı:** Antioksidanların ve Çeşitli Bileşiklerin Kuramsal ve Deneysel Kırmızıaltı ve Mikro-Raman Spektroskopik ve Kuantum Kimyasal İncelenmeleri, **Danışman:** Prof. Dr. Semiha BAHÇELİ)
Yüksek Lisans :Süleyman Demirel Üniversitesi, Fen Bilimleri Ens., Fizik A.B.D., 2007-2009, ISPARTA (**Tez Adı:** Bazı Amonyum Türevi Bileşiklerin Kuramsal ve Deneysel Kırmızıaltı ve Raman Spektroskopileri İle İncelenmesi, **Danışman:** Prof. Dr. Semiha BAHÇELİ)
Lisans :Süleyman Demirel Üniversitesi, Fen-Edebiyat Fak., Fizik Bölümü, 2002-2006, ISPARTA
Lise :Çivril Lisesi, 1998-2001, Çivril/DENİZLİ

İş Deneyimi;

> Temmuz 2006-Mayıs 2012 Süleyman Demirel Üniversitesi, Fen-Edebiyat Fak., Fizik Bölümü, Spektroskopi Laboratuvarı (Laborant)
> Haziran 2012-Ekim 2013 Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Optisyenlik Programı (Öğretim Görevlisi)
> Ekim 2013-Nisan 2016 Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Optisyenlik Programı (Yrd. Doç. Dr.)
> 5 Nisan 2016-... Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Optisyenlik Programı (Doç. Dr.)

İdari Görevler;

- > Ağustos 2012-Mayıs 2016 Giresun Üniversitesi, Fındık Araştırma ve Uygulama Merkezi (GİFAM) Müdür Yardımcılığı
- > Haziran 2013-... Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Optisyenlik Program Başkanlığı
- > Haziran 2014-... Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Terapi ve Rehabilitasyon Bölüm Başkanlığı
- > Mayıs 2016-Ocak 2017 Giresun Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, Müdür Yardımcılığı

Çalışma alanları ve ilgi alanları;

- > Kuantum kimyasal hesaplamalar
- > Moleküler yapı ve moleküler spektroskopi (NMR, IR, Raman ve UV)
- > Molekül modelleme
- > Kuantum fiziği
- > Atom ve molekül fiziği
- > Metal kompleks bileşikleri
- > Moleküler docking

A. SCI-Expanded Kapsamında Uluslararası Hakemli Dergilerde Yayımlanan Makaleler;

- A1. H. Gökce, S. Bahçeli, Vibrational Analysis of Trimethylphenyl Ammonium Chloride. *Zeitschrift für Naturforschung A-A Journal of Physical Sciences*, **64a** (2009) 127-131.**
- A2. H. Gökce, S. Bahçeli, Analysis of Molecular Structure and Vibrational Spectra of 1(2H)-Phthalazinone. *Journal of Molecular Structure*, **967 (1-3)** (2010) 42-46.**
- A3. H. Gökce, S. Bahçeli, Quantum Chemical Computations of 1,3-Phenylenediacetic Acid. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **78 (2)** (2011) 803-808.**
- A4. H. Gökce, S. Bahçeli, A Study on Quantum Chemical Calculations of 3-, 4-Nitrobenzaldehyde Oximes. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **79 (5)** (2011) 1783-1793.**
- A5. H. Gökce, S. Bahçeli, Analysis of Molecular Structure and Vibrational Spectra 2-(2'-Thienyl)pyridine. *Journal of Molecular Structure*, **1005 (1-3)** (2011) 100-106.**

- A6.** H. Gökce, S. Bahçeli, A Study of Molecular Structure and Vibrational Spectra of Copper (II) Halide Complex of 2-(2'-Thienyl)Pyridine. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **96** (2012) 139-147.
- A7.** H. Gökce, S. Bahçeli, O. Akyıldırım, H. Yüksek, Ö.G. Kol, The Syntheses, Molecular Structures, Spectroscopic Properties (IR, Micro-Raman, NMR and UV-vis) and DFT Calculations of Antioxidant 3-alkyl-4-[3-methoxy-4-(4-methylbenzoxy)benzylidenamino]-4,5-dihydro-1H-1,2,4-triazol-5-one Molecules. *Letters in Organic Chemistry*, **10** (6) (2013) 395-441.
- A8.** H. Gökce, S. Bahçeli, FT-IR, Micro-Raman and UV-vis. Spectroscopic and Quantum Chemical Investigations of Free 2,2'-Dithiodipridine and Its Metal (Co, Cu and Zn) Halide Complexes. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **114** (2013) 61-73.
- A9.** H. Gökce, S. Bahçeli, Analysis of Molecular Structure, Spectroscopic Properties (FT-IR, Micro-Raman and UV-vis.) and Quantum Chemical Calculations of Free and Ligand 2-Thiopheneglyoxylic Acid in Metal Halides (Cd, Co, Cu, Ni and Zn). *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **116** (2013) 242-250.
- A10.** A. Abbas, S. Bahçeli, H. Gökce, M. Bolte, S. Hussain, M.K. Rauf, Crystallographic Structure and Quantum Chemical Computations of 1-(3,4-Dimethylphenyl)-3-phenyl-5-(4-methoxyphenyl)-2-pyrazoline. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **116** (2013) 599-609.
- A11.** H. Gökce, S. Bahçeli, Molecular Structure, Spectroscopic Properties and DFT Calculations of 2-(Methylthio)nicotinic Acid. *Optics and Spectroscopy*, **115** (4) (2013) 469-483.
- A12.** H. Gökce, S. Bahçeli, The Molecular Structures, Vibrational Spectroscopies (FT-IR and Raman) and Quantum Chemical Calculations of n-Alkyltrimethylammonium Bromides. *Optics and Spectroscopy*, **115** (5) (2013) 10-22.
- A13.** H. Gökce, O. Akyıldırım, S. Bahçeli, H. Yüksek, Ö.G. Kol, The 1-acetyl-3-methyl-4-[3-methoxy-4-(4-methylbenzoxy) benzylidenamino]-4,5-dihydro-1H-1,2,4-triazol-5-one Molecule Investigated by a Joint Spectroscopic and Quantum Chemical Calculations. *Journal of Molecular Structure*, **1056-1057** (2014) 273-284
- A14.** S. Bahçeli, H. Gökce, A Study on Spectroscopic and Quantum Chemical Calculations of Levosimendan. *Indian Journal of Pure and Applied Physics*, **52** (04) (2014) 224-235.
- A15.** H. Gökce, S. Bahçeli, Molecular Structure, Spectroscopic Properties (FT-IR, Micro-Raman and UV-vis.) and DFT Calculations of Minaprine. *Optics and Spectroscopy*, **117** (1) (2014) 82-95.

- A16.** A. Güder, H. Korkmaz, **H. Gökce**, Y.B. Alpaslan, G. Alpaslan, Isolation, Characterization, Spectroscopic Properties and Quantum Chemical Computations of an Important Phytoalexin Resveratrol as Antioxidant Component from *Vitis labrusca* L. and Their Chemical Compositions. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **133** (2014) 378-395.
- A17.** **H. Gökce**, S. Bahçeli, Spectroscopic and Quantum Chemical Studies on Bromopyrazone. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **133** (2014) 741-751.
- A18.** A. Abbas, **H. Gökce**, S. Bahçeli, M.M. Naseer, Spectroscopic (FT-IR, Raman, NMR and UV-vis.) and Quantum Chemical Investigations of (E)-3-[4-(Pentyloxy)phenyl]-1-phenylprop-2-en-1-one. *Journal of Molecular Structure*, **1075** (2014) 352-364.
- A19.** S. Bahçeli, **H. Gökce**, An IR Study of 4(3H)-Pyrimidinone in Solution Adsorbed on NaX, NaY and ZSM-5 Zeolites. *Optics and Spectroscopy*, **118 (1)** (2015) 59-63.
- A20.** E. Temel, C. Alaşalvar, **H. Gökce**, A. Güder, Ç. Albayrak, Y.B. Alpaslan, G. Alpaslan, N. Dilek, DFT Calculations, Spectroscopy and antioxidant activity studies on (E)-2-nitro-4-[(phenylimino)methyl]phenol. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **136 Part B** (2015) 534-546.
- A21.** Y.B. Alpaslan, **H. Gökce**, M. Macit, G. Alpaslan, N. Özdemir, Molecular structure, spectroscopic characterization and DFT calculations of a novel (Z)-1-[(2-Ethylphenylamino)methylene]naphthalene-2(1H)-one. *Journal of Molecular Structure*, **1096** (2015) 43-54.
- A22.** Y.B. Alpaslan, **H. Gökce**, G. Alpaslan, M. Macit, Spectroscopic Characterization and Density Functional Studies of (Z)-1-[(2-Methoxy-5-(trifluoromethyl)phenylamino)methylene]naphthalene-2(1H)-one. *Journal of Molecular Structure*, **1097** (2015) 171-180.
- A23.** A. Abbas, **H. Gökce**, S. Bahçeli, Spectroscopic (Vibrational, NMR and UV-vis.) and Quantum Chemical Investigations on 4-Hexyloxy-3-methoxybenzaldehyde. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **152** (2016) 596-607.
- A24.** **H. Gökce**, N. Öztürk, M. Taşan, Y.B. Alpaslan, G. Alpaslan, Spectroscopic Characterization and Quantum Chemical Computations of 5-(4-Pyridyl)-1H-1,2,4-Triazole-3-Thiol Molecule. *Spectroscopy Letters: An International Journal for Rapid Communication*, **49 (3)** (2016) 167-179.
- A25.** Ü. Ceylan, G.Ö. Tari, **H. Gökce**, E. Açar, Spectroscopic (FT-IR and UV-Vis) and theoretical (HF and DFT) investigation of 2-Ethyl-N-[(5-nitrothiophene-2-yl)methylidene]aniline. *Journal of Molecular Structure*, **1110** (2016) 1-10.

- A.26.** A. Abbas, **H. Gökce**, S. Bahçeli, M. Bolte, M.M. Naseer, Solid state structural and theoretical investigations of a biologically active chalcone. *Journal of Molecular Structure*, **1112** (2016) 124-135.
- A.27.** **H. Gökce**, N. Öztürk, Ü. Ceylan, Y.B. Alpaslan, G. Alpaslan, Thiol-Thione Tautomeric Analysis, Spectroscopic (FT-IR, Laser-Raman, NMR and UV-vis.) Properties and DFT Computations of 5-(3-Pyridyl)-4H-1,2,4-Triazole-3-Thiol Molecule. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, **163** (2016) 170-180.
- A.28.** M. Kazıcı, S. Bozar, S. Yüksel, F. Ongül, **H. Gökce**, S. Güneş, Ç.Y. Göreci, Theoretical and Experimental Investigations of 2-(4-chlorophenyl)-3-{[5-(2-cyano-2-phenylethenyl)]furan-2-yl}acrylonitrile Molecule as a Potential Acceptor in Organic Solar Cells. *Nanotechnology*, **27** (23) (2016) 234003.
- A.29.** M. Koç, C. Albay, D. Altın, R. Bayrak, **H. Gökce**, İ. Değirmencioğlu, M. Sökmen, Use of Azomethine-bridged Phenolic Metallo-phthalocyanines for Sensitization of TiO₂. *Desalination and Water Treatment*, **59** (2017) 191-201.
- A.30.** O. Akyıldırım, **H. Gökce**, S. Bahçeli, H. Yüksek, Theoretical and Spectroscopic (FT-IR, NMR and UV-Vis.) Characterizations of 3-*p*-Chlorobenzyl-4-(4-carboxybenzylidenamino)-4,5-dihydro-1*H*-1,2,4-triazol-5-one Molecule. *Journal of Molecular Structure*, **1127** (2017) 114-123.
- A.31.** C. Alaşalvar, A. Güder, **H. Gökçe**, Ç.A. Kaştaş, R.C. Celik, Theoretical, spectroscopic and antioxidant activity studies on (E)-2-[(2-fluorophenylimino)methyl]-4-hydroxyphenol and (E)-2-[(3-fluorophenylimino)methyl]-4-hydroxyphenol compounds, *Journal of Molecular Structure*, **1133** (2017) 37-48.
- A.32.** Y. Sert, N. Öztürk, F.A.M. Al-Omary, C. Alaşalvar, M.M. Al-Shehri, A.A. El-Emam, **H. Gökce**, Experimental (FT-IR, Laser-Raman and NMR) and Theoretical Spectroscopic Analysis of 3-[(N-methylanilino)methyl]-5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3*H*)-thione. *Journal of Theoretical and Computational Chemistry (JTCC)*, **16** (3) (2017) 1750024 (20 pages).
- A.33.** **H. Gökce**, N. Öztürk, M. Kazıcı, Ç.Y. Göreci, S. Güneş, Structural, Spectroscopic, Electronic, Nonlinear Optical and Thermodynamic Properties of a Synthesized Schiff Base Compound: A Combined Experimental and Theoretical Approach. *Journal of Molecular Structure*, **1136** (2017) 288-302.
- A.34.** Y. Sert, M. Gümüş, V. Kamac, **H. Gökce**, İ. Kani, İ. Koca, Spectroscopic Investigation of 2-(4-Benzoyl-1,5-Diphenyl-1*H*-Pyrazol-3-yl)-4*H*-Naphtho[2,3-*d*][1,3]oxazin-4-one Molecule. *Journal of Theoretical and Computational Chemistry (JTCC)*, **16** (5) (2017) 1750039 (22 pages).

- A.35.** M. Gümüş, Y. Sert, Ş. Özdemir, **H. Gökce**, İ. Kani, İ. Koca, Spectroscopic (FT-IR, Laser-Raman and NMR) and Conformational Analysis on Novel 2 Pyrazole β -keto ester Compound. *Journal of Molecular Structure*, **1167** (2018) 280-293.
- A.36.** T. Özdemir, **H. Gökce**, FT-IR, Raman and NMR Spectroscopy and DFT Theory of Glimepiride Molecule as a Sulfonylurea Compound. *Journal of Applied Spectroscopy*, **85** (3) (2018) 560-572.
- A.37.** H. Büyükuslu, F.B. Özdemir, T.Ö. Öge, **H. Gökce**, Indoor and Tap Water Radon (^{222}Rn) Concentration Measurements at Giresun University Campus Areas. *Applied Radiation and Isotopes*, **139** (2018) 285-291.
- A. 38.** **H. Gökce**, B. Dede, S. Bahçeli, Structural, Spectroscopic and Quantum Chemical Studies on Copper(II) Complex of 4-Ethoxy-2-Methyl-5-(4-Morpholinyl)-3(2H)-Pyridazinone. *Journal of Molecular Structure*, **1171** (2018) 471-480.
- A. 39.** C. Alaşalvar, N. Öztürk, A.A.-M. Abdel-Aziz, **H. Gökce**, A.S. El-Azab, M.A. El-Gendy, Y. Sert, Molecular Structure, Hirshfeld Surface Analysis, Spectroscopic (FT-IR, Laser-Raman, UV-Vis. and NMR), HOMO-LUMO and NBO Investigations on N-(12-Amino-9,10-Dihydro-9,10-Ethanoanthracen-11-yl)-4-Methylbenzenesulfonamide. *Journal of Molecular Structure*, **1171** (2018) 696-705.
- A. 40.** Y. Sert, M. Gümüş, **H. Gökce**, İ. Kani, İ. Koca, Molecular Docking, Hirshfeld Surface, Structural, Spectroscopic, Electronic, NLO and Thermodynamic Analyses on Novel Hybrid Compounds Containing Pyrazole and Coumarin Cores. *Journal of Molecular Structure*, **1171** (2018) 850-866.
- A. 41.** **H. Gökce**, Y. Sert, N. Öztürk, A.A.-M. Abdel-Aziz, A.S. ElAzab, A.M. Al-Obaid, Experimental and Theoretical Investigations on Structural, Spectroscopic, Electronic and Thermodynamic Properties of (Adamantan-1-yl)(phenylsulfanyl)methanone. *Journal of Molecular Structure*, **1173** (2018) 596-607.
- A. 42.** L.H. Al-Wahaibi, N. Öztürk, H.M. Hassan, Y. Sert, A.A. El-Emam, A.-M.S. Al-Tamimi, **H. Gökce**, Experimental (FT-IR, Laser-Raman and NMR) and Theoretical Comparative Study on 2-benzylsulfanyl-4-pentyl-6-(phenylsulfanyl)pyrimidine-5-carbonitrile, a Potential Bioactive Agent. *Journal of Theoretical and Computational Chemistry (JTCC)*, **17** (05) (2018) 1850035 (22 pages).
- A. 43.** Y. Ünver, **H. Gökce**, E. Bektaş, F. Çelik, İ. Değirmencioğlu, New Bis 1,3,4-Oxadiazole Derivatives: Syntheses, Characterizations, Computational Studies and Antioxidant Activities, *Canadian Journal of Chemistry*, **Accepted**.

- A.44.** G. Alpaslan, M. Macit, N. Özdemir, **H. Gökce**, Synthesis, Spectroscopic Properties and DFT studies of Copper(II) Complex of (E)-1-((2,4-dichlorophenylimino)methyl)naphthalen-2-ol, *Inorganica Chimica Acta*, **Accepted**.
- A.45.** **H. Gökce**, N. Öztürk, Y. Sert, A.S. El-Azab, N.A. AlSaif, A.A.-M. Abdel-Aziz, 4-[(1,3-Dioxoisindolin-2-yl)methyl]benzenesulfonamide: Full Structural and Spectroscopic Characterization and Molecular Docking with Carbonic Anhydrase II. *ChemistrySelect*, **Accepted**.
- A.46.** Y.B. Alpaslan, N. Süleymanoğlu, R. Ustabaş, A.G. Ertürk, **H. Gökce**, Spectroscopic Characterization and Density Functional Studies of New Thiadiazole 1,1-dioxide Compounds. *Journal of Molecular Structure*, **Accepted**.
- A. 47.** N. Öztürk, **H. Gökce**, Structural, Spectroscopic (FT-IR, Raman and NMR) and Theoretical (DFT and TD-DFT/B3LYP) Investigations of 1-(Benzyloxy)Urea. *Journal of Applied Spectroscopy*, **86 (1)** (2019) XXX-XXX. (**Accepted**)
- B. Uluslararası hakemli dergilerde yayımlanan makaleler (SCI, SCI Expanded, SSCI ve AHCI kapsamı dışındaki uluslararası dergilerde yayımlanan);**
- B1.** S. Bahçeli, **H. Gökce**, Analysis of Molecular Structures, Spectroscopic Properties (FT-IR, Micro-Raman and UV-vis.) and Quantum Chemical Calculations of Free and Ligand Dimethyl Phenylphosphonite in Cd(II) Halide Complex. *Canadian Chemistry Transactions*, **2 (2)** (2014) 175-189.
- B2.** S. Bahçeli, **H. Gökce**, Spectroscopic and quantum chemical characterization of 2-Phenoxyacetohydrazide. *Asian Journal of Physics*, **24 (5)** (2015) 713-720.
- C. Ulusal hakemli dergilerde yayımlanan makaleler;**
- C1.** N. Öztürk, **H. Gökce**, Structural and Spectroscopic (FT-IR and NMR) Analyses on (E)-pent-2-enoic Acid. *Bilge International Journal of Science and Technology Research*, **1 (1)** (2017) 9-15.
- C2.** T. Özdemir, **H. Gökce**, Experimental and Theoretical Investigations of Molecular Structure and Vibrational Frequencies of Hypericin Molecule. *Cumhuriyet Science Journal (CSJ)*, **38 (4)** (2017) 759-769.
- C3.** N. Öztürk, T. Özdemir, Y.B. Alpaslan, **H. Gökce**, G. Alpaslan, Experimental (FT-IR, Raman and NMR) and Theoretical (B3LYP, B3PW91, M06-2X and CAN-B3LYP) Analyses of P-Tert-Butylphenyl Salicylate. *Bilge International Journal of Science and Technology Research*, **2 (1)** (2018) 56-73.

C4. N. Öztürk, Y. B. Alpaslan, G. Alpaslan, C. Alaşalvar, **H. Gökce**, Structural, Spectroscopic (FT-IR, Raman and NMR), Non-linear Optical (NLO), HOMO-LUMO and Theoretical (DFT/CAM-B3LYP) Analyses of N-Benzyloxycarbonyloxy-5-Norbornene-2,3-Dicarboximide Molecule, *Süleyman Demirel University Journal of Natural and Applied Sciences*, **22 (1)** (2018) 107-120.

D. Uluslararası Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında (Proceedings) Yayımlanan Bildiriler;

D1. **H. Gökce**, S. Bahçeli, Molecular Structure and Vibrational Spectra of Tetradecyltrimethyl Ammonium Bromide (TTAB). *24. International Physics Congress*, 28-31 August 2007, İnönü University, Malatya, page: 252.

D2. **H. Gökce**, S. Bahçeli, 2008. Vibrational Analysis of Phthalazone. *Chemical Physics Conference VIII*, 24-25 April, İstanbul Technical University, İstanbul, P36.

D3. **H. Gökce**, S. Bahçeli, Molecular Structure and Vibrational Spectral Analysis of Dodecyltrimethylammonium Bromide (DTAB). *25. International Physics Congress*, 25-29 August 2008, Bodrum/Muğla, page: 334.

D4. **H. Gökce**, G. Toprak, S. Bahçeli, Molecular Geometry and Vibrational Spectra of 2'-Chloroacetanilide. *25. International Physics Congress*, 25-29 August 2008, Bodrum/Muğla, page: 335.

D5. E. Özen, B. Kocaman, **H. Gökce**, Molecular Structure and Vibrational Frequencies of Phenol-4X (X: F, Cl, I) Complexes by Hartree-Fock and Density Functional Theory Calculation. *25. International Physics Congress*, 25-29 August 2008, Bodrum/Muğla, page: 69.

D6. **H. Gökce**, S. Bahçeli, Analysis of Molecular Structure and Vibrational Spectral of Hexadecyl(cetyl)trimethylammonium Bromide (CTAB). *26. International Physics Congress*, 24-27 September 2009, Bodrum/Muğla, page: 303.

D7. **H. Gökce**, S. Bahçeli, Quantum Chemical Calculations of 2-, 3-, 4-Nitrobenzaldehyde Oxime. *27. International Physics Congress*, 14-17 September 2010, İstanbul University, İstanbul, page: 445.

D8. **H. Gökce**, S. Bahçeli, A Study on Molecular Structure, Conformational Stability, Vibrational Spectroscopy and DFT Calculations of 2-(Methylthio)nicotinic Acid. *28. International Physics Congress (Turkish Physics Society)*, 6-9 September 2011, Bodrum/Muğla, page: 465.

- D9.** H. Gökce, S. Bahçeli, Infrared and Raman Spectroscopic and Quantum Chemical Studies of Copper (II) Halide Complex of 2-(2'-Thienyl)pyridine. 28. *International Physics Congress (Turkish Physics Society)*, 6-9 September 2011, Bodrum/Muğla, page: 466.
- D10.** H. Gökce, S. Bahçeli, O. Akyıldırım, H. Yüksek, The Molecular Structure, Spectroscopic Properties and Quantum Chemical Calculations of 3-Methyl-4-[3-Methoxy-4-(4-Methylbenzoxy)Benzylidenamino]-4,5-Dihydro-1H-1,2,4-Triazol-5-Ones Molecule. 2nd *International Conference on Computation for Science and Technology (ICCST-2)*, 09-11 July 2012, Niğde, PP-17, page: 160.
- D11.** O. Akyıldırım, H. Yüksek, H. Gökce, S. Bahçeli, The Molecular Structure, Spectroscopic Properties and Quantum Chemical Calculations of 1-Acetyl-3-Methyl-4-[3-Methoxy-4-(4-Methylbenzoxy)Benzylidenamino]-4,5-Dihydro-1H-1,2,4-Triazol-5-Ones Molecule. 2nd *International Conference on Computation for Science and Technology (ICCST-2)*, 09-11 July 2012, Niğde, PP-17, page: 159.
- D12.** N. Çolak, N. Marım, G. Alpaslan, H. Gökce, M. Yıldız, H. Ünver, Synthesis, Crystal structure and Quantum Chemical Studies of a Novel Schiff Base Derived 2-Amino Thiophene and Salicylaldehyde. *Molecular Modelling in Chemistry and Biochemistry*, 13-15 November 2014, Cluj-Napoca, Romania, P-4, page: 36.
- D13.** Ü. Ceylan, H. Gökce, N. Öztürk, Y.B. Alpaslan, G. Alpaslan, Thiol-Thione Tautomeric Analysis, Spectroscopic (FT-IR, Laser-Raman, NMR and UV-vis). Properties and DFT Computations of 5-(3-Pyridyl)-4H-1,2,4-Triazole-3-Thiol Molecule. *XIIIth International Conference on Molecular Spectroscopy*, P10, page: 79, 09-13 September 2015, Wrocław, Poland.
- D14.** Ü. Ceylan, Y.B. Alpaslan, N. Öztürk, G. Alpaslan, H. Gökce, M. Macit, Quantum Chemical Investigations of (E)-2-[(4-chlorophenyl)iminomethyl]-4-(trifluoromethoxy)-phenol. *TURCMOS-II. International Turkish Congress on Molecular Spectroscopy*, 0122/P-076, page: 145, 13-18 September 2015, Antalya, Turkey.
- D15.** H. Gökce, M.A. Gürdal, N. Öztürk, A.Ö. Yıldırım, FT-IR, Raman and UV-Vis. Spectroscopic Analyses and DFT Computations of Metal Complexes with MCl₂ (M= Fe, Co, Cu and Zn) of Di-2-pyridyl Ketone Oxime. 32. *International Physics Congress (Turkish Physics Society)*, 6-9 September 2016, Bodrum/Muğla, page: 288.
- D16.** H. Gökce, N. Çolak, Y.B. Alpaslan, N. Marım, M. Yıldız, H. Ünver, Syntheses, Spectroscopic Characterizations and Quantum Chemical Investigations of Some Schiff Base Compounds. 32. *International Physics Congress (Turkish Physics Society)*, 6-9 September 2016, Bodrum/Muğla, page: 288.

- D17.** Y.B. Alpaslan, **H. Gökce**, A Study on Spectroscopic (FT-IR, Raman and NMR) Properties and Quantum Chemical Computations of p-Tert-butylphenyl Salicylate Molecule. *2nd International Congress on the World of Technology and Advanced Materials (WITAM-2016)*, 28 September-02 October 2016, Kırşehir/TURKEY, page: PP14.
- D.18.** **H. Gökce**, Y.B. Alpaslan, Conformational Stability, Spectroscopic Characterization and DFT Computations of N-benzyloxycarbonyloxy-5-norbornene-2,3-dicarboximide Molecule. *2nd International Congress on the World of Technology and Advanced Materials (WITAM-2016)*, 28 September-02 October 2016, Kırşehir/TURKEY, page: PP28.
- D.19.** G. Alpaslan, E. Açar, Y.B. Alpaslan, N. Özdemir, **H. Gökce**, X-ray and quantum chemical investigations of (E)-4-nitro-2-[(5,6,7,8-tetrahydronaphthalen-1-ylimino)methyl]phenol. *3. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017)*, 26-29 August 2017, Bodrum/Muğla, O-09, page:42.
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- D.21.** T. Özdemir, **H. Gökce**, The Spectroscopic Study of Hypericin Molecule. *2nd The International Conference on Material Science and Technology (IMSTEC 2017)*, 11-13 October 2017, Kapadokya/Nevşehir.
- D.22.** B.F. Özdemir, H. Büyüksulu, T. Özdemir, **H. Gökce**, Measurements on ²²²Rn Concentration in Tap Water in Giresun University Departments. *1st. International Conference on Energy Systems Engineering (ICESE17)*, 2-4 November 2017, Karabük University.
- D.23.** E. Temel, S. Demir, M.S. Engin, **H. Gökçe**, Synthesis and Characterization of Copper(II) Perchlorate Complex of 2-Picolylamine. *1. International Technological Sciences and Design Symposium*, 27-29 June 2018, page: 222, Giresun.
- D.24.** C. Alaşalvar, N. Öztürk, A.A.-M. Abdelaziz, Y. Sert, **H. Gökce**, Theoretical and Computational Investigations of Structural, Spectroscopic (FT-IR, Laser-Raman, UV-Vis. and NMR) and Electronic Properties of N-(12-amino-9,10-dihydro-9,10-ethanoanthracen-11-yl)-4-methylbenzenesulfonamide. *1. International Technological Sciences and Design Symposium (ITESDES-2018)*, 27-29 June 2018, page: 217, Giresun.
- D.25.** Y.B. Alpaslan, S. Demir, A. Güder, G. Alpaslan, Ü. Ceylan, **H. Gökçe**, Syntheses, Molecular Structures, Spectral Properties and DFT Computations of Cu(II), Zn(II) And Pd(II) Complexes of 5-Methyl-3-(2-Pyridyl)-1,2,4-Oxadiazole. *1. International Technological Sciences and Design Symposium (ITESDES-2018)*, 27-29 June 2018, page: 239, Giresun.

- D.26.** G. Alpaslan, M. Macit, Y.B. Alpaslan, N. Özdemir, **H. Gökce**, X-Ray and Molecular Modelling Studies on New Schiff Base Cu(II) Complex. *1. International Technological Sciences and Design Symposium (ITESDES-2018)*, 27-29 June 2018, page: 235, Giresun.
- D.27.** Y.B. Alpaslan, G. Alpaslan, **H. Gökce**, Experimental and Theoretical Investigations on Structural, Spectroscopic and Electronic Properties of Mono-, Di- And Tri- Species of Allylamine. *1. International Technological Sciences and Design Symposium (ITESDES-2018)*, 27-29 June 2018, page: 266, Giresun.
- D.28.** N. Öztürk, **H. Gökce**, G. Alpaslan, Y.B. Alpaslan, C. Alaşalvar, Structural, Spectroscopic (FT-IR, Raman and NMR) and Computational Studies on N-Phenylpropanamide. *1. International Technological Sciences and Design Symposium (ITESDES-2018)*, 27-29 June 2018, page: 69, Giresun.
- D.29.** G. Alpaslan, E. Açar, **H. Gökce**, A. Güder, N. Özdemir, Y.B. Alpaslan, X-Ray, Radical Scavenging Activities and Theoretical Studies on New Schiff Base Compound. *1. International Technological Sciences and Design Symposium (ITESDES-2018)*, 27-29 June 2018, page: 263, Giresun.
- E. Ulusal Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında (Proceedings) Yayımlanan Bildiriler;**
- E1.** **H. Gökce**, S. Bahçeli, 2-Fenoksiasetilhidrazin Molekülünün Yapısı ile Kırmızıaltı, Raman, NMR ve UV-vis Spektroskopilerinin Ab Initio Hesaplamaları. *Adım Fizik Günleri I Sempozyumu*, 21-22 Mayıs 2010, Afyonkarahisar, Sayfa: 81.
- E2.** **H. Gökce**, S. Bahçeli, 2-(2'-Tienil)pridin Molekülünün Deneysel ve Kuramsal Molekül Yapısı ve Kırmızıaltı Titreşim İncelemesi. *Adım Fizik Günleri I Sempozyumu*, 21-22 Mayıs 2010, Afyonkarahisar, Sayfa: 82.
- E3.** **H. Gökce**, S. Bahçeli, O. Akyıldırım, H. Yüksek, 3-Benzil-4-[3-Metoksi-4-(4-Metilbenzoksi)Benzilidenamino]-4,5-Dihidro-1H-1,2,4-Triazol-5-On Bileşiğinin Molekül Yapısı, Spektroskopik Özellikleri ve Kuantum Kimyasal Hesaplamaları. *Adım Fizik Günleri II Sempozyumu*, 26-28 Nisan 2012, Denizli, Sayfa: 103.
- E4.** **H. Gökce**, S. Bahçeli, Biyolojik Olarak Aktif Bromür Pirazon'un Spektroskopik ve Kuantum Kimyasal İncelenmesi. *XIII. Ulusal Spektroskopi Kongresi*, 15-18 Mayıs 2013, Burdur, Sayfa: 93.
- E5.** O. Akyıldırım, **H. Gökce**, S. Bahçeli, H. Yüksek, 3-p-Klorobenzil-4-(4-Karboksibenzilidenamino)-4,5-Dihidro-1H-1,2,4-Triazol-5-One Molekülünün Deneysel ve Kuramsal Spektroskopik Özelliklerinin İncelenmesi. *2. Ulusal Hesaplamalı Kimya Kongresi*, 02-05 Haziran 2015, Kars, Sayfa: 68

F. Görev Aldığı Projeler;

- F.1.** Halka İçi ve Halka Dışı Azot, Sülfür ve Fosfor İçeren Aromatik Bileşiklerin Metal (Cd, Co, Cu, Mn ve Zn vs.) Halidlerinin Kırmızıaltı (IR), mikro-Raman ve Mor Ötesi Görünür Bölge (UV-vis.) Spektroskopileri ile İncelenmesi, 111T683 nolu TÜBİTAK projesi, Başlama Tarihi: Kasım 2011, Bitiş Tarihi: Kasım 2012, Yardımcı Personel ve Bursiyer
- F.2.** Antioksidanları ve Çeşitli Bileşiklerin Kuramsal ve Deneysel Kırmızıaltı ve Mikro-Raman Spektroskopik ve Kuantum Kimyasal İncelenmeleri, 3083-D-12 nolu BAP projesi, Başlama tarihi: 20.02.2012, Bitiş Tarihi: 20.02.2014, Yardımcı Personel (Süleyman Demirel Üniversitesi)
- F.3.** Piridin ve Triazol İçeren Organik ve İnorganik Bileşiklerin Moleküler Simülasyonu, FEN-BAP-A-250414-51 nolu BAP projesi, Başlama tarihi: 01.04.2014, Bitiş tarihi: 01.11.2015, Yürütücü (Giresun Üniversitesi)
- F.4.** Piridin Türevi Organik Moleküllerin Metal Komplekslerinin Sentezi, Spektroskopik Karakterizasyonu, Kuantum Kimyasal Hesaplamaları ve Antioksidan Aktivitelerinin İncelenmesi, FEN-BAP-A-140316-45 nolu BAP projesi, Başlama tarihi: 22.03.2016, Bitiş tarihi: 22.03.2018, Yürütücü (Giresun Üniversitesi).
- F.5.** Ordu Merkez İl Sınırlarında Radon (Rn-222) Aktivite Konsantrasyonu Ölçüm Tayini, FEN-BAP-A-140316-50 nolu BAP projesi, Başlama tarihi: 22.03.2016, Bitiş tarihi: 22.11.2016, Yardımcı Personel (Giresun Üniversitesi).

G. Bilimsel ve Mesleki Kuruluşlara Üyelikler

- G.1.** Türk Fizik Derneği (TFD)

H. Uluslararası Hakemli Dergilerdeki Hakemlikler;

- H.1.** Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
- H.2.** Journal of Molecular Structure
- H.3.** Spectroscopy Letters
- H.4.** Letters in Organic Chemistry
- H.5.** Arabian Journal of Chemistry
- H.6.** Cogent Chemistry
- H.7.** RSC Advances
- H.8.** Spectroscopy and Spectral Analysis
- H.9.** Journal of Theoretical and Computational Chemistry (JTCC)
- H.10.** New Journal of Chemistry

H.11. Indian Journal of Pure and Applied Physics

H.12. Canadian Journal of Chemistry

I. Ulusal Hakemli Dergilerdeki Hakemlikler;

I.1. Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi

I.2. Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi

I.3. Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi

I.4. Bilge International Journal of Science and Technology

I.5. Sigma Journal of Engineering and Natural Sciences

I.6. Avrupa Bilim ve Teknoloji Dergisi

J. Verilen Dersler;

J.1. Fizik I (Mekanik)

J.2. Fizik II (Elektrik ve Magnetizma)

J.3. Geometrik Optik

J.4. Optisyenliğe Giriş

J.5. Optisyenlik I

J.6. Optisyenik II

J.7. Optisyenik III

J.8. Optik Aletler ve Malzeme Bilgisi

J.9. Kontakt Lensler

J.10. Görüntüleme Cihaz Teknikleri

J.11. Araştırma Yöntem ve Teknikleri

J.12. Optisyenlikte Paket Programlar

J.13. Meslek Etiği

K. Ödüller;

K.1. TÜBİTAK Yayın Teşvik Ödülü

K.2. Adım Fizik Günleri I Sempozyumu Poster Birinciliği

K.3. Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü 2013-2014 En İyi Tez Ödülü