

ÖZGEÇMİŞ VE ESERLER LİSTESİ

ÖZGEÇMİŞ

Adı Soyadı: Ümit CEYLAN

Öğrenim Durumu:

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Fen-Edebiyat Fakültesi, Fizik	Ondokuz Mayıs Üniversitesi	2001
Y. Lisans	Fen Bilimleri Enstitüsü, Atom ve Molekül Fiziği	Ondokuz Mayıs Üniversitesi	2005
Doktora	Fen Bilimleri Enstitüsü, Atom ve Molekül Fiziği	Ondokuz Mayıs Üniversitesi	2013
Doçent	Atom ve Molekül Fiziği	ÜAK	2018

Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar):

Rayleigh Düzlem Dalga Açılımı Kullanılarak Örtme İntegrallerinin Hesaplanması

Yrd. Doç. Dr. Emin ÖZTEKİN

Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özeti ekte) ve Danışman(lar):

Yüksek Basınç Ortamında Paramanyetik Geçiş Metal İyonları Katkılı Sülfat, Fosfat, Okzalat, Nitrat, Tartrat Tuzları; Alanin ve Dimetil Sülfon Bileşiklerinin EPR Spektroskopisi ile İncelenmesi

Prof. Dr. Recep TAPRAMAZ

Görevler:

Görev Ünvanı	Görev Yeri	Yıl
Araştırma Görevlisi	Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü	2007-2013
Araştırma Görevlisi Dr.	Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü	2013-2013
Yrd. Doç. Dr.	Giresun Üniversitesi, Sağlık Hizmetleri M. Y. O.	2015-2018
Doç. Dr.	Giresun Üniversitesi, Sağlık Hizmetleri M. Y. O.	2018-2023
Prof. Dr.	Giresun Üniversitesi, Sağlık Hizmetleri M. Y. O.	2023-

Projelerde Yaptığı Görevler:

- 1.** “Bazı Organik Moleküllerin Kuantum Kimyasal Hesaplamaları” adlı FEN-BAP-A-140316-57 no’lu Projede **Yürüttüçü**, Giresun Üniversitesi, Giresun, (2016 - 2018).
- 2.** Piridin Türevi Organik Moleküllerin Metal Komplekslerinin Sentezi, Spektroskopik Karakterizasyonu, Kuantum Kimyasal Hesaplamaları ve Antioksidan Aktivitelerinin İncelenmesi’ adlı FEN-BAP-A-140316-45 no’lu Projede **Araştırmacı**, Giresun Üniversitesi, Giresun, (2016 - 2018).
- 3.** Yüksek Basınç Altında ve Farklı Sıcaklıklarda Safsızlık Sürülmüş Malzemelerin Üretimi, Davranışları ile Yapısal Özelliklerinin Belirlenmesi adlı FEN 1901-10.001 no’lu Projede **Araştırmacı**, Ondokuz Mayıs Üniversitesi, Samsun. (2010-2012)
- 4.** Renk Merkezlerinin EPR Spektroskopisi ile incelenmesi adlı PYO. FEN. 1904.09.017 no’lu Projede **Araştırmacı**, Ondokuz Mayıs Üniversitesi, Samsun. (2009-2011)

İdari Görevler

- 1.** Giresun Üniversitesi Sağlık Hizmetleri M.Y.O. Müdürü, 2020-
- 2.** Giresun Üniversitesi Sağlık Hizmetleri M.Y.O. Kurulu Üyesi, 2020-
- 3.** Giresun Üniversitesi Sağlık Hizmetleri M.Y.O. Yönetim Kurulu Başkanı, 2020-
- 4.** Giresun Üniversitesi Senato Üyeliği, 2020-
- 5.** Giresun Üniversitesi Sağlık Hizmetleri M.Y.O. Kalite ve Akreditasyon Komisyonu Birim Sorumlusu, 2020-
- 6.** Giresun Üniversitesi Sağlık Hizmetleri M.Y.O. Tıbbi Hizmetler ve Teknikleri Bölüm Başkan Yardımcılığı, 2016-2020
- 7.** Giresun Üniversitesi Sağlık Hizmetleri M.Y.O. Yönetim Kurulu Üyesi, 2016-2019
- 8.** Giresun Üniversitesi Kalite Komisyonu Üyesi, 2015-2018

Bilimsel Kuruluşlara Üyelikler:

European Crystallographic Association (ECA)

Sertifikalar ve Belgeler:

B Sınıfı İş Sağlığı ve Güvenliği Uzmanı

Toplumsal Cinsiyet Eşitliği Eğiticilerin Eğitimi Sertifikası

İşbir Optik tarafından düzenlenen Fabrika Teknik Gezisi ve Gözlük Camları Eğitimi Sertifikası

Son iki yılda verdiği Önlisans düzeydeki dersler (Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir):

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati	
			Teorik	Uygulama
2021-2022	Güz	Fizik I	3	0
		İş Sağlığı ve Güvenliği	2	0
		Toplumsal Cinsiyet Eşitliği	2	0
		Mesleki Uygulama	6	6
	Bahar	Fizik II	3	0
		Bilgi ve İletişim Teknolojisi I	2	0
		Bilgi ve İletişim Teknolojisi II	2	0
		Görme Optiği 1	3	0
2022-2023	Güz	Optik Aletler ve Malzeme Bilgisi	3	0
		Araştırma Yöntem Teknikleri	2	0
		Mesleki Uygulama	2	6
		Fizik I	3	0
	Bahar	İş Sağlığı ve Güvenliği	2	0
		Toplumsal Cinsiyet Eşitliği	2	0
		Mesleki Uygulama	6	6
		Fizik II	3	0
		Bilgi ve İletişim Teknolojisi I	2	0
		Bilgi ve İletişim Teknolojisi II	2	0
		Görme Optiği 1	3	0
		Optik Aletler ve Malzeme Bilgisi	3	0
		Araştırma Yöntem Teknikleri	2	0
		Genel İletişim	2	0

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

- A.1.** M.Findik, E.Türkkan, S.Pehlivanoglu, Ü.Sayin, Ü.Ceylan, E.G.Akgemci, New copper(II) complex based-thiosemicarbazone and phenanthroline: DNA/BSA binding, antiproliferative activity, DFT and docking studies, Inorganic Chemistry Communications, 156 (2023) 111300.
- A.2.** K.Sanusi, O.C.Atewolara-Odile, N.O.Sanyaolu, A.A.Ibikunle, P.B.Khoza, N.O.Fatomi, S.A.Fasanya, H.E.Abuka, E.O.Jesugbile, Y.Yılmaz, Ü.Ceylan, Effects of solvents and substituents on the adsorptive and photovoltaic properties of porphyrins for dye-sensitized solar cell application: a theoretical consideration, Structural Chemistry, 34 (2023) 891-904.
- A.3.** E.Başaran, Z.Demircioğlu, G.Ö.Tarı, Ü.Ceylan, A.Karaküçük-İyidoğan, E.E.Oruç-Emre, M.Aygün, Experimental, Spectroscopic and Theoretical Investigation of (+)-(R)-5-[1-(benzenesulfonamido)-2-phenylethyl]-4-phenethyl-2,4-dihydro-3H-1,2,4-triazole-3-thione, J. Mol. Struct. 1251(2022), 131996.
- A.4.** K.Sanusi, O.S.Ajayi, A.O.Borisade, R.B.Elusian, Y.Yılmaz, Ü.Ceylan, I-V curves of an apigenin dye and their analysis by a new parabolic function, Front. Chem. 9 (2021) 643578.
- A.5.** Ü.Ceylan, Ş.P.Yalçın, A.Kılıç, E.Aytar, M.Aygün, Design, Spectroscopy, Quantum Chemical Study and Hirshfeld analysis of Single Crystal Ferrocene-based Boronate Ester, J. Mol. Struct. 1243 (2021) 130767.
- A.6.** C.A.Obafemi, O.B.Adegbite, O.A.Fadare, E.O.Iwalewa, N.O.Omisore, K.Sanusi, Y. Yılmaz, Ü.Ceylan, Tryptanthrin from microwave-assisted reduction of isatin using solid-state-supported sodium borohydride: DFT calculations, molecular docking and evaluation of its analgesic and anti-inflammatory activity, Heliyon 7(2021) e05756.
- A.7.** K.Sanusi, Ü.Ceylan, Y.Yılmaz, R.C.George, A DFT/TD-DFT study on the possible replacement of Ru (II) with Fe (II) in phthalocyanine-based dye-sensitized solar cells, Structural Chemistry, 31 (2020) 2301-2311.
- A.8.** A.O.Sarioğlu, Ş.P.Yalçın, Ü.Ceylan, M.Aygün, H. Kırpık, M.Sönmez, Photoluminescence properties of samarium(III)-based complexes: Synthesis, characterization and single crystal X-ray, Journal of Luminescence. 227 (2020) 117537.
- A.9.** L.M.Durosini, O.A.Fadare, K.Sanusi, Y.Yılmaz, Ü.Ceylan, C.A.Obafemi, Supramolecular architecture in 1:1 cocrystal of N-carbamothioylacetamide and N,N'-

thiocarbonyldiacetamide from the attempted synthesis of 1,3-diacetyl-2-thioxoimidazolidine-4,5-dione (a thioparabanic acid derivative), *Heliyon*, 6(2020) e05022.

- A.10.** S.O.Famuyiwa, K.Sanusi, K.O.Faloye, Y.Yılmaz, Ü.Ceylan, Antidiabetic and antioxidant activities: Is there any link between them?, *New Journal of Chemistry*, 34 (2019) 13326-13329.
- A.11.** H.G.Soğukömerogulları, Ş.P.Yalçın, Ü.Ceylan, E.Aytar, M.Aygün, D.S.Richeson, M.Sönmez, Synthesis of Fe and Cu metal complexes derived from ‘SNS’ Pincer type ligands and their efficient catalyst precursors for the chemical fixation of CO₂, *J. Chem. Sci.* (2019) 131:32.
- A.12.** A.O.Sarioğlu, M.Sönmez, Ş.P.Yalçın, Ü.Ceylan, M.Aygün, Eu(III) and Tb(III) complexes of 1,3-bis(4-chlorophenyl)-1,3-propanedione combined with phenanthroline ligand: Synthesis, structural characterization and thermogravimetric studies, *J. Coord. Chem.* 72 (2019) 1108-1118.
- A.13.** K.Sanusi, N.O.Fatomí, A.O.Borisade, Y.Yılmaz, Ü.Ceylan, A.Fashina, An approximate procedure for profiling dye molecules with potentials as sensitizers in solar cell application: A DFT/TD-DFT approach, *Chem. Phys. Lett.* 723 (2019), 111-117.
- A.14.** G.Ö.Tari, Ü.Ceylan, S.Uzun, E.Ağar, O.Büyükgüngör, Synthesis, Spectroscopic (FTIR, UV-Vis), Experimental (X-Ray) and Theoretical (HF/DFT) Study of: (E)-2-chloroN-((4-nitrocyclopenta-1,3-dienyl)methylene)benzenamine, *J. Mol. Struct.* 1174 (2018) 18-24.
- A.15.** C.A.Obafemi, O.A.Fadare, J.P.Jasinski, S.P.Millikan, E.M.Obuotor, E.O.Iwalewa, S.O.Famuyiwa, K.Sanusi, Y.Yılmaz, Ü.Ceylan, Microwave-assisted synthesis, structural characterization, DFT studies, antibacterial and antioxidant activity of 2-methyl-4-oxo-1,2,3,4-tetrahydroquinazoline-2-carboxylic acid, *J. Mol. Struct.* 1155 (2018) 610-622.
- A.16.** Ş.P.Yalçın, Ü.Ceylan, M.Sönmez, M.E.Hacıyusufoğlu, H.Karavelioğlu, Synthesize, Electron Paramagnetic Resonance studies and molecular calculations of N-aminopyrimidine salicylaldiminato copper (II) complex, *J. Mol. Struct.* 1147 (2017) 12-21.
- A.17.** R.Y.Agunbiade, J.P.Jasinski, S.P.Millikan, K.Sanusi, Y.Yılmaz, Ü.Ceylan, O.A.Fadare, C.A. Obafemi, Isolation, characterization, crystal structure, free radical scavenging- and computational studies of 9-[4-(propan-2-yl)phenyl]-3,4,5,6,7,9-hexahydro-1H-xanthene-1,8(2H)-dione from Garcinia kola seeds, *J. Mol. Struct.* 1144 (2017) 396-405.
- A.18.** Ü.Ceylan, A.Çapan, Ş.P.Yalçın, M.Sönmez, M.Aygün, Vibrational spectroscopic and thermo dynamical property studies, HOMO-LUMO, NLO, NBO, Fukui functions and crystal structure analysis of a new Schiff base bearing phenoxy-imine group, *J. Mol. Struct.* 1136 (2017) 222-230.

- A.19.**A.O.Sarioğlu, Ü.Ceylan, Ş.P.Yalçın, M.Sönmez, G.Ceyhan, M.Aygün, Synthesis of a new ONNO donor Tetridentate Schiff base Ligand and binuclear Cu(II) Complex: Quantum chemical, spectroscopic and photoluminescence investigations, *Journal of Luminescence*. 176 (2016) 193-201.
- A.20.**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, *Spectrochim. Acta Part A*. 163 (2016) 170-180.
- A.21.**G.Ö.Tarı, Ü.Ceylan, E.Ağar, H.Eserci, Crystal Structure, Spectroscopic Investigations and Quantum Chemical Computational Study of 2-[(3-nitrophenylimino)methyl]-5-diethylaminophenol, *J. Mol. Struct.* 1126 (2016) 83-93.
- A.22.**M.Durgun, Ü.Ceylan, Ş.P.Yalçın, H.Türkmen, N.Özdemir, İ.Koyuncu, Synthesis, molecular structure, spectroscopic characterization, NBO, NLO and NPA analysis and in vitro cytotoxicity study of 3-chloro-N-(4-sulfamoylphenethyl)propanamide with experimental and computational study, *J. Mol. Struct.* 1114 (2016) 95-107.
- A.23.**Ü.Ceylan, G.Ö.Tarı, H.Gökce, E.Ağar, Spectroscopic (FT-IR and UV-Vis) and theoretical (HF and DFT) investigation of 2-Ethyl-N-[(5-nitrothiophene-2-yl)methylidene]aniline, *J. Mol. Struct.* 1110 (2016) 1-10.
- A.24.**Ü.Ceylan, M.E.Hacıyusufoglu, Ş.P.Yalçın, M.Sönmez, M.Aygün, Synthesis, molecular structure and spectroscopic characterization of (E)-1-((2-hydroxynaphthalen-1-yl)methyleneamino)-5-(4-methoxybenzoyl)-4-(4-methoxyphenyl)pyrimidine-2(1H)-one with experimental techniques and theoretical calculations, *J. Mol. Struct.* 1109 (2016) 209-219.
- A.25.**Ü.Ceylan and R.Tapramaz, The EPR study of Mn²⁺ ion doped DADT single crystal produced under high pressure and temperature, *Spectrochim. Acta Part A* 152 (2016) 680-684.
- A.26.**Ü.Ceylan and R.Tapramaz, The EPR study of Mn²⁺ ion doped into KBr under high pressure and VO²⁺ ion doped into KH₂PO₄ under high pressure, *Spectrochim. Acta Part A* 152 (2016) 654-657.
- A.27.**Ü.Ceylan, M.Durgun, H.Türkmen, Ş.P.Yalçın, A.Kılıç, N.Özdemir, Theoretical and experimental investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide: Structural and spectroscopic properties, NBO, NLO and NPA analysis, *J. Mol. Struct.* 1089 (2015), 222-232.
- A.28.**Ş.P.Yalçın, Ü.Ceylan, A.O.Sarioğlu, M.Sönmez, M.Aygün, Synthesis, structural, spectral (FT-IR, ¹H and ¹³C-NMR and UV-Vis), NBO and first order hyperpolarizability analysis

of N-(4-nitrophenyl)-2, 2-dibenzoylacetamide by density functional theory, J. Mol. Struct. 1098 (2015), 400-407.

- A.29. Ü.Ceylan, M.E.Hacıyusufoglu, M.Sönmez, Ş.P.Yalçın, N.Özdemir, Experimental and Theoretical Studies of (E)-2-(2-hydroxystyryl)-6-(4-methoxybenzoyl)-5-(4-methoxyphenyl)-1,2,4-triazin-3(2H)-one, Spectrochim. Acta Part A141 (2015) 307-315.
- A.30. Ü.Ceylan, H.Tanak, S.Gümüş, E.Ağar, 2-Ethyl-N-[(5-nitrothiophen-2-yl)methylidene] aniline, Acta Cryst. E67, o2004, 2011.
- A.31. Ü.Ceylan, H.Tanak, E.Türkkan, Ö.Dereli, O.Büyükgüngör, (2-Hydroxyethyl) triphenylphosphonium Chloride, Acta Cryst. E67, o641, 2011.
- A.32. G.Ö.Tarı, Ü.Ceylan, M.Macit, Ş.Işık, (E)-2-[(4-Iodophenyl)iminomethyl]-6-Methylphenol, Acta Cryst. E66, o1568, 2010.
- A.33. Ü.Ceylan, S.Gümüş, E.Ağar, M.S.Soylu, (E)-4-Methyl-N-[(5-nitrothiophen-2-yl)methylidene]aniline, Acta Cryst. E68, o2116, 2012.
- A.34. Ü.Ceylan, On The Evaluation of The Overlap Integrals Using Auxilary Functions, Balkan Physics Letters, BPL, 15 (1), 151052, 2009.

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler:

- B.1. N. Şirin, E. Yıldırım, S.G. Sağıdınç, G. Demirtaş, Ü. Ceylan, N. Dege, M. Tuna, Z. Yıldız, The synthesis, characterization and theoretical calculation of a poly hydroxyl functional schiff base Cu(II) complex, and the investigation of its polymerizability to metal containing epoxy polymer, 5th euchems inorganic chemistry conference, (EICC-5), 24 - 28 June 2019, Moscow, *Russian Federation*.
- B.2. Y.B.Alpaslan, S.Demir, A.Güder, G.Alpaslan, Ü.Ceylan, H.Gökce, Syntheses, Molecular Structures, Spectral Properties and DFT Computations of Cu(II), Zn(II) and Pd(II) complexes of 5-Methyl-3-(2pyridyl)-1,2,4-oxadiazole1. international technological sciences and design symposium 27-29 June 2018 – Giresun, *Turkey*.
- B.3. S.Uzun, Ü.Ceylan, Determination of the molecular properties of a triazole-containing compound: A Density Functional Theory Study, 1. international technological sciences and design symposium 27-29 June 2018 – Giresun, *Turkey*.

- B.4.** G.Ö.Tari, Ü.Ceylan, Quantum Chemical Calculation Studies of (E)-2-Benzoyl-4-[(4methylphenyl)diazenyl]-phenol, 1. international technological sciences and design symposium 27-29 June 2018 – Giresun, *Turkey*.
- B.5.** Ş.P.Yalçın, Ü.Ceylan, H.G.Soğukömeroğulları, M.Sönmez, M. Aygün, Quantum Chemical Calculation, Spectroscopic Analysis and X-Ray Difraction Studies of Pincer Ligand and Cu(I) Complex, UMTEB III. Uluslararası Mesleki ve Teknik Bilimler Kongresi 21-22 Haziran 2018, Gaziantep, *Turkey*.
- B.6.** Ş.P.Yalçın, Ü.Ceylan, H.G.Soğukömeroğulları, M.Sönmez, A Theoretical Study on Pincer Ligand and It's Cu(I) Complex, UMTEB III. Uluslararası Mesleki ve Teknik Bilimler Kongresi 21-22 Haziran 2018, Gaziantep, *Turkey*.
- B.7.** K. Sanusi, N. Fatomi, Y.Yılmaz, Ü.Ceylan, A Theoretical Protocol For Reference Molecules For Dye Sensitized Solar Cells, First Pan African International Research Congress on Knowledge Generation and Dissemination (1st PAIRC-2018), 18-21 June 2018- Kisumu, *Kenya*.
- B.8.** G.Ö.Tari, Ü.Ceylan, E.Ağar, O.Büyükgüngör, Synthesis, Spectroscopic (FT-IR, UV-Vis), Experimental (X-Ray) and Theoretical (HF/DFT) Study of: (E)-2-chloro-N-((4-nitrocyclopenta-1,3-dienyl)methylene)benzenamine, III. International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), 26-29 August 2017, *Bodrum/Muğla, Turkey*.
- B.9.** Ü.Ceylan, The EPR study of transition metals ions doped ($H_6N_2O_4S$) powder cyrstals produced under high pressure and temperature, Turkish Physical Society 32nd International Physics Congress – TPS32, 06-09 September 2016, *Bodrum/Muğla, Turkey*.
- B.10.** Ü.Ceylan, A.O. Sarıoğlu, Ş.P. Yalçın, M. Sönmez, M. Aygün, Structural and quantum chemical investigations of Terbium(III) mixed complex with β -diketone and 1,10-phenanthroline, Turkish Physical Society 32nd International Physics Congress – TPS32, 06-09 September 2016, *Bodrum/Muğla, Turkey*.
- B.11.** D.Kurt, Ü.Ceylan, R.Tapramaz, Investigation of some dosimetry candidate substances with EPR Spectroscopy, 10th International Conference on Luminescence and ESR Dosimetry (LumiDoz-10), 05-07 September, 2016, *Adana, Turkey*.
- B.12.** 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, II. International Turkish Congress on Molecular Spectroscopy (TURCMOS2015), 13-18 September 2015, *Antalya, Turkey*.
- B.13.** D.Kurt, Ü.Ceylan, R.Tapramaz, The EPR study of Cu^{2+} , Mn^{2+} and VO^{2+} ions doped *l*-alanine powder crystals produced under high temperature, II. International Turkish

Congress on Molecular Spectroscopy (TURCMOS2015), 13-18 September 2015, *Antalya, Turkey*.

- B.14.** D.Kurt, Ü.Ceylan, R.Tapramaz, The EPR study of Cu²⁺ and VO²⁺ ion doped Ca(H₂O₈PO₄)₂•H₂O powder crystals produced under high temperature, II. International Turkish Congress on Molecular Spectroscopy (TURCMOS2015), 13-18 September 2015, *Antalya, Turkey*.
- B.15.** G.Ö.Tarı, Ü.Ceylan, S.Gümüş, E.Ağar, Crystal Structure, Spectroscopic Investigations and Quantum Chemical Computational Studies of 2-[(3-nitrophenylimino)methyl]-5-diethylaminophenol, XIIIth International Conference on Molecular Spectroscopy From Molecules to Molecular Materials, Molecular Biological Systems and Nanostructures (ICMS 2015), 09.09.-13.09.2015 *Wrocław, Poland*.
- B.16.** Ü.Ceylan, M.Durgun, H.Türkmen, Ş.P.Yalçın, A.Kılıç, N.Özdemir, Experimental and theoretical investigation of 4-[(2-hydroxy-3-methylbenzylidene)amino]benzenesulfonamide, XIIIth International Conference on Molecular Spectroscopy From Molecules to Molecular Materials, Molecular Biological Systems and Nanostructures (ICMS 2015), 09.09.-13.09.2015 *Wrocław, Poland*.
- B.17.** 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 From Molecules to Molecular Materials, Molecular Biological Systems and Nanostructures (ICMS 2015), 09.09.-13.09.2015 *Wrocław, Poland*.
- B.18.** H.Mutuk, Ü.Ceylan, G.Ö.Tarı, E.Ağar, Experimental and theoretical (HF and DFT) investigation of 2-Ethyl-N-[(5-nitrothiophen-2-yl)methylidene]aniline, 9th International Physics Conference of The Balkan Physical Union-BPU9, 24-27 August 2015 , Istanbul University , *Istanbul, Turkey*
- B.19.** Ş.P.Yalçın, Ü.Ceylan, A.O.Sarıoğlu, M.Sönmez, M.Aygün, Synthesis molecular structure and spectroscopic characterization of N-(4-nitrophenyl)-2, 2-dibenzoylacetamide (NPDBA): with experimental (X-Ray, FT-IR, ¹H and ¹³C-NMR and UV-Vis) techniques and theoretical calculations, The 29th European crystallographic meeting-ECM 29, August 23-28, 2015, *Rovinj, Croatia*.
- B.20.** M.Durgun, Ş.P.Yalçın, Ü.Ceylan, H.Türkmen, A.Kılıç, N.Özdemir, 4-{2-[(4-methoxybenzyl)amino]ethyl}benzenesulfonamide: Synthesis, characterization, spectroscopic properties, molecular structure, and theoretical calculation, 1st International

Conference on Organic Electronic Material Technologies (OEMT2015) March 25-28, 2015 *Elazığ, Turkey*.

- B.21.** Ü.Ceylan, M.Durgun, Ş.P.Yalçın, H.Türkmen, N.Özdemir, Synthesis, characterization, spectroscopic properties, molecular structure, and theoretical calculation of 3-chloro-N-(4-sulfamoylphenethyl)propanamide, Molecular Chemistry 2014 (MolChem2014), International Symposium, 18-19 December 2014, *Istanbul, Turkey*.
- B.22.** Ş.P.Yalçın, M.Sönmez, Ü.Ceylan, M.E.Hacıyusufoglu, H.Karavelioğlu, Synthesize, EPR Studies and Molecular Calculations of N-Aminopyrimidine Salicylaldiminato copper (II) Complex, Molecular Electronic Structure Workshop-MES2014, 01-05 September, 2014, Amasya University, *Amasya, Turkey*.
- B.23.** D.Kurt, Ü.Ceylan, R.Tapramaz, The EPR study of Mn²⁺ ion doped Ca(H₂O₈PO₄)₂·H₂O under high temperature, Molecular Electronic Structure Workshop-MES2014, 01-05 September, 2014, Amasya University, *Amasya, Turkey*.
- B.24.** Ü.Ceylan and R.Tapramaz, The EPR study of Cu²⁺, Mn²⁺ and VO²⁺ ions doped (CH₃)₂·SO₂ powder crystals produced under high pressure and temperature, Molecular Electronic Structure Workshop-MES2014, 01-05 September, 2014, Amasya University, *Amasya, Turkey*.
- B.25.** Ü.Ceylan and R.Tapramaz, The EPR Study of Mn²⁺ ion Alloyed KBr and VO²⁺ ion Alloyed KH₂PO₄ Single Crystals Under High Pressure, International Turkish Congress on Molecular Spectroscopy (TURCMOS2013), 15-20 September 2013, *Istanbul, Turkey*.
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D. Çalıştaylar:

D.1. ESR (Elektron Spin Rezonans) Spektroskopi Tekniğinin Çeşitli Uygulama Alanları, Selçuk Üniversitesi İleri Teknoloji Araştırma ve Uygulama Merkezi (İLTEK), 20-22 Kasım 2013, Konya, *Türkiye*.

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E. Makale Hakemliği:

E.1. Journal of Optoelectronics and Advanced Materials (SCI-Expanded)

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E.4. BAOJ Chemistry

- E.5.** Material Science (SCI-Expanded)
- E.6.** Journal of Nanoelectronics and Optoelectronics (SCI-Expanded)
- E.7.** Indian Journal of Pure & Applied Physics (IJPAP)
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- E.14.** Research on Chemical Intermediates
- E.15.** El-Cezeri (TR Dizin)
- E.16.** European Journal of Science and Technology