

KİŞİSEL BİLGİLER



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EĞİTİM BİLGİLERİ

Derece	Üniversite/Okul	Bölüm	A.B.D	Mezuniyet Yılı
Doktora/Uzmanlık Eğitimi	Erciyes Üniversitesi / Fen Bilimleri Enstitüsü	Kimya Anabilim Dalı	Fizikokimya	2015
Yüksek Lisans	Erciyes Üniversitesi / Fen Bilimleri Enstitüsü	Kimya Anabilim Dalı	Fizikokimya	2008
Lisans	Selçuk Üniversitesi / Fen-Edebiyat Fakültesi	Kimya Bölümü		2005

YAYINLAR

MAKALE

> Uluslararası

> SCI, SSCI, AHCI Kapsamında Makale

- 2012 - Mustafa Saçmacı, Hatice Kanbur Çavuş, Hatice Arı, Recep Şahingöz, Talat Özpozan, Novel acid mono azo dye compound: Synthesis, characterization, vibrational, optical and theoretical investigations of 2-[(E)-(8-hydroxyquinolin-5-yl)-diazenyl]-4,5-dimethoxybenzoic acid, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 97 (2012) 88-99.
- 2013 - Hatice Arı, Zeki Büyükmumcu, Talat Özpozan, İlhan Özer İlhan, Özlem Bahadır, Vibrational and theoretical analysis of pentyl-4-benzoyl-1-[2,4-dinitrophenyl]-5-phenyl-1H-pyrazole-3-carboxylate, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 110 (2013) 193-204.
- 2013 - Hatice Arı, Cengiz Soykan, Talat Özpozan, Preparation of Organic/Inorganic Hybrid Materials Using Aggregates of Poly[2-methyl-N-[2-(phenylthio)phenyl]Acrylamide-co-2-(Trimethylsilyloxy)Ethyl Methacrylate} as Precursor and Vibrational Investigation of the Polymerization, Journal of Macromolecular Science, Part A: Pure and Applied Chemistry (2013) 50,1022-1041.
- 2014 - Unsalan, O., Sert, Y., Ari, H., Simão, A., Yılmaz, A., Boyukata M., Bolukbasi, O., Boelli, K., Yalcin I., Micro-Raman, Mid-IR, Far-IR and DFT studies on 2-[4-(4-Fluorobenzamido)phenyl]benzothiazole, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 125 (2014) 414-421.
- 2016 - Hatice ARI, Talat ÖZPOZAN, Nonionic and Zwitterionic Forms of Glycylglycylarginine as a part of Spider Silk Protein: Spectroscopic and Theoretical Study, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 152 (2016) 557-571.
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- 2017 - Hatice Arı, Zeki Büyükmumcu, Comparison of DFT functionals for prediction of band gap of conjugated polymers and effect of HF exchange term percentage and basis set on the performance, Computational Materials Science, 138 (2017) 70-76
- 2018 - Hatice Arı, Zeki Büyükmumcu, Talat Özpozan, Vibrational spectroscopic study of isotopic effect on TcX₃⁺ and TcX₃OH (X: O, S and Se) by DFT, Journal of Molecular Structure 1165 (2018) 259-266.
- 2018 - Hatice Arı, Özlem Mihçioğur, Zeki Büyükmumcu, Hamdi Mihçioğur, Talat Özpozan, Electrochemical oligomerization of selenophene and band structure of polyselenophene: A density functional theory study, Computational Materials Science 154 (2018) 65-74.
- 2020 - Ozan Unsalan, Hatice Arı, Cisem Altunayar-Unsalan, Kayhan Boelli, Mustafa Boyukata, Ismail Yalcin, FTIR, Raman and DFT studies on 2-[4-(4-ethylbenzamido)phenyl] benzothiazole and 2-[4-(4-nitrobenzamido)phenyl]benzothiazole supported by differential scanning calorimetry, 1218 (2020) 128454
- 2020 - Hatice Arı, Talat Özpozan, Yiğit Kabacalı, Mustafa Saçmacı, Monomeric or dimeric? A theoretical and vibrational spectroscopic approach to the structural stability of 5-(4-methoxy benzoyl)-6-(4-methoxyphenyl)-3-methyl-2-thioxo-2,3-dihydropyrimidine-4(1H)-on, Journal of Molecular Structure 1222 (2020) 1288482

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12. - Poster 1) Hatice Arı, Talat Özpozan, Theoretical and Vibrational Analysis of Glycylglycylalanine as a part of Spider Silk Protein, 2nd International Conference on Computation for Science and Technology (ICCSST-2), Niğde University Art and Science Faculty, Niğde, 09-11 July 2012.
13. - Poster 2) Hatice Arı, Talat Özpozan, Mustafa Saçmacı, Conformational Stability, Theoretical and Vibrational Spectroscopic Investigation of 2-[(E)-(8-Hydroxyquinolin-5-Yl)-Diazenyl]-4,5-Dimethoxybenzoic acid, 2nd International Conference on Computation for Science and Technology (ICCSST-2), Niğde University Art and Science Faculty, Niğde, 09-11 July 2012.
14. - Poster 3) Hatice Arı, Talat Özpozan, Vibrational Frequencies and Normal Modes Analysis of Glycylglycylleucine as a part of Spider Silk Protein, 47th General Assembly & 44th World Chemistry Congress (IUPAC 2013), İstanbul, 11-16 Ağustos 2013.
15. - Poster 4) Hatice Arı, Talat Özpozan, Vibrational Analysis Of Glycylglycyltyrosine as a part of Spider Silk Protein, 47th General Assembly & 44th World Chemistry Congress (IUPAC 2013), İstanbul, 11-16 Ağustos 2013.
16. - Poster 5) Hatice Arı, Talat Özpozan, Nonionic and Zwitterionic Forms of Glycylglycylarginine Part of Spider Silk Protein: Structural and Vibrational Spectroscopic Search, International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013), İstanbul, 15-20 September 2013.
17. - Poster 6) Hatice Arı, Talat Özpozan, Structural and Vibrational Studies on Nonionic and Zwitterionic Forms of Glycylglycylglutamine Part of Spider Silk Protein, International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013), İstanbul, 15-20 September 2013.
18. - Poster 7) Hatice ARI, Selen BİLGE, Hatice KANBUR ÇAVUŞ, Erol EROĞLU, An Experimental and DFT Study on 1,3-Bis[2-(2-hydroxybenzylideneamino)phenoxy]propane: Vibrational Analysis and Solvent Effect on Prototropic Tautomerism, International Turkish Congress on Molecular Spectroscopy (TURCMOS 2013), İstanbul, 15-20 September 2013.
19. - Poster 8) H. Arı and T. Özpozan, Vibrational-Theoretical Investigation of the Glycylprolylglycylglycylalanine (GPGGA) part of the Spider Silk Chain, 32nd European Congress on Molecular Spectroscopy (EUCMOS 2014), Düsseldorf, Germany, 24-29 August 2014.
20. - Poster 9) H. Arı and T. Özpozan, Vibrational Spectroscopic Investigation of Glycylprolylglycylglutamylglutamine (GPGQQ) as a part of Spider Silk Protein, 32nd European Congress on Molecular Spectroscopy (EUCMOS 2014), Düsseldorf, Germany, 24-29 August 2014.
21. - Poster 10) H. Arı and T. Özpozan, Theoretical Approach to Keto-Enol Tautomerism In Methyl 2-(4-Methoxybenzoyl)-3-(4-Methoxyphenyl)-3-Oxopropanoylcarbamate, 32nd European Congress on Molecular Spectroscopy (EUCMOS 2014), Düsseldorf, Germany, 24-29 August 2014.
22. - Poster 11) H. Arı and T. Özpozan, Nonionic and Zwitterionic Forms of Glycylprolylglycylglycyltyrosine (GPGGY) as a part of Spider Silk Protein: Vibrational and Structural Study, Colloquium Spectroscopicum Internationale XXXIX (CSI 2015), Figueira da Foz, Coimbra, Portugal, 29 August -4 September 2015.
23. - Poster 12) H. Arı and T. Özpozan, Comparative Vibrational Spectroscopic Studies of Nonionic and Zwitterionic Forms of Glycylprolylglycylglycylserine (GPGGS) as a part of Spider Silk Protein, Colloquium Spectroscopicum Internationale XXXIX (CSI 2015), Figueira da Foz, Coimbra, Portugal, 29 August -4 September 2015.
24. - Poster 13) H. Arı, Ö. Mıhçioğur and Z. Büyükmumcu, Evolution of Vibrational Spectrum during Oligomerization of Pyrrolo[3,4b]pyrrole: A DFT Study, Colloquium Spectroscopicum Internationale XXXIX (CSI 2015), Figueira da Foz, Coimbra, Portugal, 29 August -4 September 2015.
25. - Poster 14) T. Özpozan, H. Arı and S. Sinan, Theoretical and IR - Raman Spectroscopic Study of a Pyrrol-2-ylidene-acetate Derivative in Monomeric and Dimeric Forms, Colloquium Spectroscopicum Internationale XXXIX (CSI 2015), Figueira da Foz, Coimbra, Portugal, 29 August -4 September 2015.
26. - Poster 15) Mustafa Büyükat, Dilek Pandır, Meryem Evecen, Hatice Arı, Investigation of Structural, Energetic and Vibrational Properties of 2-Deoxy-2-[(methyl(nitroso)amino)carbonylamino]-β-D-glucopyranose, II. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2015), Antalya, 13-18 September 2015.
27. - Poster 16) Hatice Arı and Talat Özpozan, Vibrational spectroscopic investigation of polyalanine [A]_n and polyglycylalanine [GA]_n as a part of spider silk protein, 33rd European Congress on Molecular Spectroscopy (EUCMOS 2016), Szeged, Hungary, 30 July-4 August 2016.
28. - Poster 17) Talat Özpozan, Hatice Arı, Yiğit Kabacalı, Spectroscopic analysis of a pyrimidine derivative with IR&RAMAN techniques and DFT calculations, monomeric and dimeric forms, 33rd European Congress on Molecular Spectroscopy (EUCMOS 2016), Szeged, Hungary, 30 July-4 August 2016.
29. - Poster 18) Mine Dede, Hatice Arı, Talat Özpozan, Synthesis of Poly(triacetoxyvinylsilanecotrimethylvinylsilanecodivinylbenzene) And Determination of Spectroscopic and Thermal Behaviors, III. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), Bodrum, 25-29 August 2017.
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31. - Poster 20) K. Bolelli, H.Arı, M. Büyükat, I. Yalçın, O. Ünsalan, Molecular Structure and Vibrational Spectroscopic Study of 2-[4-(4-Nitrobenzamido)phenyl]benzothiazole Using DFT Method, III. International Turkish Congress on Molecular Spectroscopy (TURCMOS 2017), Bodrum, 25-29 August 2017.
32. 2018 - Poster 21) Talat Özpozan, Hatice Arı, Zeki Büyükmumcu, Nazenin Akin, İlhan Özer İlhan, N,3,5-triphenyl-4,5-dihydro-1H-pyrazole-1-carbox amide: Vibrational Spectroscopic Investigation and Quantum Chemical Calculations, International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26-27 April 2018, Ankara.
33. 2018 - Poster 22) Zeki Büyükmumcu, Hatice Arı, Talat Özpozan, Funda Özdemir, İlhan Özer İlhan, DFT Calculations on Structural and Spectroscopic Properties of 1-(5-(4-methoxyphenyl)-3-phenyl-4,5-dihydro-1H-pyrazol-1-yl)ethan-1-one, International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26-27 April 2018, Ankara.
34. 2018 - Poster 23) Hatice Arı, Talat Özpozan, Zeki Büyükmumcu, Nazenin Akin, İlhan Özer İlhan, Vibrational Spectroscopic Investigation and DFT Studies on 4,6-diphenyl-6-hydroxy-1-[(1Z)-1-phenyl ethylidene] amino}tetrahydropyrimidin-2(1H)-one, International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26-27 April 2018, Ankara.
35. 2018 - Poster 24) Hatice Arı, Talat Özpozan and Zeki Büyükmumcu, Conformational and Vibrational Spectroscopic Analysis of Elafibranor by DFT, The 2nd International Congress on Advances in Bioscience and Biotechnology (ICABB), 26-30 Haziran 2018, Podgorica, Montenegro.
36. 2016 - Sözlü Sunum 1) Hatice Arı, Zeki Büyükmumcu, Performance of DFT methods for band structure properties of conductive polymers, 33rd European Congress on Molecular Spectroscopy (EUCMOS 2016), Szeged, Hungary, 30 July-4 August 2016.
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40. 2018 - Sözlü Sunum 5) Talat Özpozan, Hatice Arı, Cevahir Altınkaynak, Nalan Özdemir, Vibrational Spectroscopic Monitoring of Pure Copper Phosphate Nanoflower Formation, International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26-27April 2018, Ankara.
41. 2018 - Sözlü Sunum 6) Hatice Arı, Talat Özpozan, Zeki Büyükmumcu, Assessment of DFT Functionals for Calculating Vibrational Frequencies of L-Amino Acids, International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26-27April 2018, Ankara.
42. 2018 - Sözlü Sunum 7) Talat Özpozan, Hatice Arı, Cevahir Altınkaynak, Nalan Özdemir, Vibrational Spectroscopic Monitoring of Cobalt Phosphate Nanoflower Formation for Biomolecule Immobilization, The 2nd International Congress on Advances in Bioscience and Biotechnology (ICABB), 26-30 Haziran 2018, Podgorica, Montenegro.
43. 2018 - Sözlü Sunum 8) Hatice Arı, Talat Özpozan and Zeki Büyükmumcu, DFT Study of the Molecular Structure and Vibrational Analysis of Acadesine, The 2nd International Congress on Advances in Bioscience and Biotechnology (ICABB), 26-30 Haziran 2018, Podgorica, Montenegro.
44. 2020 - Sözlü sunum 9) Talat Özpozan and Hatice Arı, Vibrational Spectroscopic Determination of Sulfide Components of Garlic (*Allium sativum* L.) Used as Antiviral and Antimicrobial Agent by Functional Group Differentiation: A Theoretical Approach, 2nd World Conference on Sustainable Life Sciences, WOCOLS 2020 E-CONFERENCE, 08-09 December 2020.

> Ulusal

1. - Poster 1) Z. Büyükmumcu, H. Arı, Ç. Aslaner, T. Engür, Ö. Erol, H. Mihçioğur, T. Özpozan, Bazı Polimerlerin Elektrokimyasal Polimerizasyonunun DFT ve PM3 İle Karşılaştırılmalı İncelenmesi, Erciyes Üniversitesi XX. Ulusal Kimya Kongresi, Erciyes Üniversitesi, Kayseri, 4 -8 Eylül 2006.
2. - Poster 2) Hatice Arı, Özlem Erol, Talat Özpozan, Zeki Büyükmumcu, Poliselofenin Elektrokimyasal Polimerizasyonunun Yoğunluk Fonksiyonel Teori İle İncelenmesi ve NBO Analizi, İnönü Üniversitesi XXI. Ulusal Kimya Kongresi, İnönü Üniversitesi, Malatya, 23-27 Ağustos 2007.
3. - Poster 3) Talat Özpozan, Hatice Arı, Zeki Büyükmumcu, Cengiz Soykan, Bazı Silikon Türevi Kopolimerlerin Kuramsal ve Titreşim Spektroskopik İncelenmesi, İnönü Üniversitesi XXI. Ulusal Kimya Kongresi, İnönü Üniversitesi, Malatya, 23-27 Ağustos 2007.
4. - Poster 4) Talat Özpozan, Cengiz Soykan, Hatice Arı, 2-Metil-N-[2-(Feniltiyo)Fenil]Akrilamid ile 2-(Trimetilsiloksi)Etilmetakrilat'ın Kopolimerinin Sentezi ve Karakterizasyonu, XXII. Ulusal Kimya Kongresi, Doğu Akdeniz Üniversitesi, Mağusa-Kıbrıs, 6-10 Ekim 2008.
5. - Poster 5) Hatice ARI, Talat ÖZPOZAN, Zeki BÜYÜKMUMCU, Cengiz SOYKAN, 2-Metil-N-[2-(feniltiyo)fenil]akrilamid Monomerinin Titreşim Spektrumlarının Kuramsal Hesabı, XXIII. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, Sivas, 16-20 Haziran 2009.
6. - Poster 6) Hatice Arı, Z. Büyükmumcu, T. Özpozan, İlhan Ö. İlhan, Pentil-4-benzoil-1-[2,4-dinitrofenil]-5-fenil-1H-pirazol-3-karboksilat Bileşiğinin Titreşim Spektroskopisi ve Yoğunluk Fonksiyonel Teori (DFT) Yöntemleriyle Analizi, XXIV. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Zonguldak, 29 Haziran-2 Temmuz 2010.
7. - Poster 7) Hatice Arı, T. Özpozan, Z. Büyükmumcu, İlhan Ö. İlhan, Density Functional Theory Analysis of Isopentyl-4- benzoil-1-[2,4-dinitrophenyl]-5-phenyl-1H- pyrazole -3- carboxylate, Chemical Physics Congress IX, Izmir Institute of Technology, Çeşme/ İzmir, 14-16 October 2010.
8. - Poster 8) Talat Özpozan, Hatice Arı, Zeki Büyükmumcu, İlhan Ö. İlhan, Density Functional Theory Analysis of Isopropyl-4- benzoil-1-[2,4-dinitrophenyl]-5-phenyl-1H- pyrazole -3- carboxylate, Chemical Physics Congress IX, Izmir Institute of Technology, Çeşme/ İzmir, 14-16 October 2010.
9. - Poster 9) Hatice Arı, Dilek Gözeltaş, Talat Özpozan, İlhan Özer İlhan, N,N'-Bis(4-benzoil-1-[4-nitrofenil]-5-fenil-1H-pirazol-3-karbonil)-1,2-fenilendiamin Bileşiğinin Fizikokimyasal ve Spektroskopik Özelliklerinin Kuramsal ve Deneysel İncelenmesi, XXV. Ulusal Kimya Kongresi, Atatürk Üniversitesi, Erzurum, 27 Haziran-02 Temmuz 2011.
10. - Poster 10) Talat Özpozan, Tuğba Özen, Hatice Arı, Mustafa Saçmacı, N-benziliden-N-fenil-p,p,-dimetoksibenzoilaset asit hidrazit Bileşiğinin Titreşim Spektroskopik ve Kuramsal İncelenmesi, XXV. Ulusal Kimya Kongresi, Atatürk Üniversitesi, Erzurum, 27 Haziran-02 Temmuz 2011.
11. - Poster 11) Hatice ARI, Semih BAŞTAR, Talat ÖZPOZAN, Poli(N-izopropilakrilamid-ko-trimetilvinilsilan-ko-divinilbenzen)'in Sentezi ve Karakterizasyonu, III. Fiziksel Kimya Günleri Kongresi, Balıkesir Üniversitesi, Burhaniye/Balıkesir, 12-15 Temmuz 2012.
12. - Poster 12) Talat ÖZPOZAN, Hatice ARI, Utkucan PINARBAŞI, Poli(benzilmetakrilat-ko-trimetoksivinilsilan-ko-divinilbenzen)'in Sentezi ve Karakterizasyonu, III. Fiziksel Kimya Günleri Kongresi, Balıkesir Üniversitesi, Burhaniye/Balıkesir, 12-15 Temmuz 2012.
13. - Poster 13) Zeki BÜYÜKMUMCU, Hatice ARI, Talat ÖZPOZAN, İlhan Ö. İLHAN, Pentil-4-benzoil-1-[2,4-dinitrofenil]-5-fenil-1H-pirazol-3-karboksilat'ın Torsiyonel Bariyerleri ve Konformasyonel Analizi, III. Fiziksel Kimya Günleri Kongresi, Balıkesir Üniversitesi, Burhaniye/Balıkesir, 12-15 Temmuz 2012.
14. - Poster 14) Hatice Arı, Talat Özpozan, Yiğit Kabacalı, N-metiltiyoüre Bileşiğinin Monomer ve Dimer Yapılarının Kuramsal ve Titreşim Spektroskopik (IR & Raman) İncelenmesi, XIV. Ulusal Spektroskopi Kongresi, Elazığ, 29-31 Mayıs 2015.
15. - Sözlü Sunum 1) Hatice KANBUR ÇAVUŞ, Hatice ARI, Investigation of Structural and Optical Properties of Semiconductor Polymer Poly (5-(2-Ethylhexyloxy)-2-Methoxy-Cyanoterephthalidene), Fifth Bozok Science Workshop Nano Carbon Materials and Their Applications (BSW2016), Yozgat, 28-29 April 2016. Electronic Letters on Science & Engineering 12 (2) 2016.