

**G.Ü.Fen Bilimleri Enstitüsü İleri Teknolojiler Anabilim Dalı 2014-2018 Performans Göstergeleri**

ÖĞRETİM ÜYESİ	ÖĞRENCİ ADI	TEZ BAŞLIĞI	TAMAML ANDIĞI YIL/ DEVAM EDİYOR	MAKALE / BİLDİRİ VB. (YAZAR İSİMLERİ)
<b>Doç.Dr.Dilek Varışlı</b>	1.Aytek Mammadli	Karbon İçerikli Karbon Nanomalzemeler ile Amonyaktan Hidrojen Üretimi Çalışmaları	Mayıs 2016	<i>Bildiriler:</i> 1.Varisli, D., Mammadli, A., “COx Free Hydrogen Production For Fuel Cell Applications Using Cobalt Incorporated Carbon Supported Material”, Fuel Cells Science and Technology 2016 (FUCE 2016), Glasgow UK, 13-14 April 2016. 2.Varisli D., Memmedli, A., “Cobalt Incorporated Carbon Based Catalysts for Ammonia Decomposition Reaction”, 8th International Porous Powder Materials Symposium and Exhibition PPM2015, Abstracts pp.155, İzmir Turkey, 15-18 September 2015.
	2.İbrahim Ethem Doğanay	Amonyaktan Hidrojen Üretimi için Seryum Oksit, Alumina ve Silikat ile Desteklenmiş Demir, Nikel ve Kobalt İçeren Katalizörlerin Sentez, Karakterizasyon ve Reaksiyon Çalışmalar	Temmuz 2015	<i>Bildiriler:</i> 1.Varisli, D., Doganay, I.E., “Ceria Based Cobalt Incorporated Nanocatalysts for Clean Hydrogen Production”, 8th International Porous Powder Materials Symposium and Exhibition PPM2015, Abstracts pp.97, İzmir Turkey, 15-18 September 2015. 2.Varışlı, D., Doganay, I.E., Ozdemir, B., Yılmaz, T., Okan, S., Erkal, B., Oruç, M., “Amonyaktan Hidrojen Üretiminde Kullanılmak Üzere Nanoyapıda Metal Oksit Katalizörlerin Geliştirilmesi”, 27. Ulusal Kimya Kongresi, Çanakkale, 23-28 Ağustos 2015.
	3.Ekrem Emre Elverişli	Rutenyum Bazlı Silika Katalizörlerin Sentezi, Karakterizasyonu ve Hidrojen Sentez Çalışmaları	Ekim 2012	<i>Makale:</i> 1.Varisli, D., Elverisli, E.E., “Synthesizing hydrogen from ammonia over Ru incorporated SiO2 type nanocomposite catalysts”, <i>International Journal of Hydrogen Energy</i> , 39, 10399-10408 (2014) (SCI) <i>Bildiriler:</i> 1.Varisli, D., Elverisli, E.E., “COx free Hydrogen from Ammonia over Ruthenium Incorporated Mesoporous Silicate Catalysts”, 12th Mediterranean Congress of Chemical Engineering, Abstracts pp.33/21_050_P, Barcelona, Spain, November 15-18, 2011. 2.Elverisli, E.E., Varisli, D., “Ruthenium Incorporated Mesoporous Silicate Catalysts for COx free Hydrogen Production”, 4th National Catalysis Conference, Book of Abstracts pp.58, Kocaeli, 21-24 March 2012.
	4.Nalan Gülçin Kaykaç	Kobalt ve Demir İçerikli Silikat Katalizörlerin Sentezi, Karakterizasyonu ve Amonyaktan Hidrojen Eldesi İçin Kullanımı	Haziran 2012	<i>Makale:</i> 1.Varisli, D., Kaykac, N.G., “Hydrogen from ammonia over cobalt incorporated silicate structured catalysts prepared using different cobalt salts”, <i>International Journal of Hydrogen Energy</i> , 41, 5955-5968 (2016) (SCI) 2.Varisli D., Kaykac, N.G., “COx free Hydrogen Production over Cobalt Incorporated Silicate structured Mesoporous Catalysts”, <i>Applied Catalysis B: Environmental</i> , 127, 389-398 (2012) (SCI). <i>Bildiriler:</i> 1.Varisli, D., Kaykac, N.G., “Effects of Precursors on the Performance of Cobalt Based Silicate Catalysts to Produce Hydrogen for Fuel Cell Applications”, 9th European Congress of Chemical Engineering ECCE9/ECAB2, Abstract No: 269, The Hague, The Netherlands, April 21-25, 2013. 2.Varisli, D., Kaykac, N.G., “The Effects of the Promoter in Cobalt Based Mesoporous Silicate Catalysts for Ammonia Decomposition”, 12th Mediterranean Congress of Chemical Engineering, Abstracts pp.24/13_036_P, Barcelona, Spain, November 15-18, 2011. 3.Varisli, D., Kaykac, N.G., “Co-silicate based nanocomposite materials for production of COx free hydrogen from ammonia”, 8th European Congress of Chemical Engineering together with ProcessNet-Annual Meeting,

Doç.Dr.Dilek Varışlı				<p>Programme pp.72/P01.04, Berlin, Germany, September 25-29, 2011.</p> <p>4.Varisli, D., Kaykac, N.G., "Iron Activated Silicate Structured Nanocomposite Catalysts for CO<sub>x</sub> Free Hydrogen Production from Ammonia", NCC-5, 5th National Catalysis Conference, Book of Abstracts, pp 102-103, Adana, April 23-26, 2014.</p> <p>5.Kaykaç, N.G., Varışlı, D., "Amonyaktan Hidrojen Üretimi için Kobalt Esaslı Silikat Malzemeler", UKMK 10, 10.Ulusal Kimya Mühendisliği Kongresi, Program P-19, İstanbul, 3-6 Eylül 2012.</p> <p>6.Kaykac, N.G., Varisli, D., "Ammonia Decomposition over Cobalt Based Mesoporous Silicate Catalysts", 4th National Catalysis Conference, Book of Abstracts pp.57, Kocaeli, 21-24 March 2012.</p>
	5.Tugba Rona	Doğrudan Etanol Yakıt Hücrelerinin Performansını Arttırmak için Metal ile Aktifleştirilmiş Mezogözenekli Malzemelerin Sentez ve Karakterizasyonu	Haziran 2011	<p><b>Makaleler:</b></p> <p>1.Varisli, D., Rona, T., "CO<sub>x</sub> Free Hydrogen Production From Ammonia Decomposition Over Platinum Based Siliceous Materials", <i>International Journal of Chemical Reactor Engineering</i>, <b>Vol 10</b>, A56 (2012) (SCI-Expanded).</p> <p>2.Varisli, D., Rona, T., Tapan, N.A., "Synthesis and Characterization of Pt-Sn Incorporated MCM-41 and Pt Incorporated Sn-SiO<sub>2</sub> Type Mesoporous Catalysts for Direct Ethanol Fuel Cell", <i>International Journal of Chemical Reactor Engineering</i>, <b>Vol 8</b>, A152 (2010) (SCI-Expanded).</p> <p><b>Bildiriler:</b></p> <p>1.Varisli, D., Rona, T., "Platinum Incorporated Mono/Bi Metallic Silicate Catalysts to Produce CO<sub>x</sub> free Hydrogen from Ammonia", 9th European Congress of Chemical Engineering ECCE9/ECAB2, Abstract No: 261, The Hague, The Netherlands, April 21-25, 2013.</p> <p>2.Varisli, D., Rona, T., "Synthesis and Characterization of Platinum-Based Mesoporous Silicate Materials", 6th EFCATS Summer School, Program &amp; Abstracts p.78, Izmir, Turkey, September 13-19, 2010.</p> <p>3.Varisli, D., Rona, T., "Synthesis and Characterization of Mesoporous Pt-Based Silicate Catalysts", 6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries EMCC 6, Book of Abstracts p.138, Antalya Turkey, March 7-12, 2010.</p> <p>4.Rona, T., Varışlı, D., Tapan, N.A., "Synthesis and Characterization of Pt@MCMC-41 and Pt-Sn@MCM-41 Mesoporous Catalysts for Direct Ethanol Fuel Cell", NCC-3 3rd National Catalysis Congress, Book of Abstract p.138, Zonguldak, 28 Nisan-1 Mayıs 2010.</p>
Doç.Dr.Ebru Kondolot Solak	1.Akın ER	Ketorolak Trometaminin Karboksimetil Selüloz / Poli(vinil alkol) Mikrokürelerden Kontrollü Salımı	2014	<p><b>Makale:</b> Kondolot Solak E., Er A. (2016). pH-sensitive interpenetrating polymer network microspheres of poly(vinyl alcohol) and carboxymethyl cellulose for controlled release of the nonsteroidal anti-inflammatory drug ketorolac tromethamine. <i>Artificial Cells, Nanomedicine, and Biotechnology</i>, 2016, 44, 817–824.</p> <p><b>Bildiri:</b> Kondolot Solak E., Er A. (2014). Preparation of Interpenetrating Polymer Network Microspheres of Poly(Vinyl Alcohol) and Carboxymethyl Cellulose for Controlled Release of Ketorolac Tromethamine. <i>International Symposium on Molecular Chemistry, MOLCHEM 2014</i>, 19 Aralık 2014, İstanbul/Turkey.</p>
	2.çil Akgül	Kompozit madde içeren biyopolimerlerin kontrollü ilaç salım sistemlerinde kullanılması	Devam ediyor	<p><b>Bildiri:</b></p> <p>1.Kondolot Solak E., Asman G., Akgül S. (2017). Investigation of Release Characteristics of Ketorolac Tromethamine from Ethyl Cellulose Coated Poly(vinyl pyrrolidone)/Sodium Carboxymethyl Cellulose Microspheres. VIII. <i>International Symposium on Ecology and Environmental Problems</i> 04-07 Ekim 2017 Çanakkale/Turkey</p> <p>2.Akgül S., Kondolot Solak E. (2016). Controlled Release of Ketorolac Tromethamine from Biodegradable Microspheres. <i>2nd International Congress of Forensic Toxicology</i>, 26-30 Mayıs 2016, Ankara/Turkey.</p>

<b>Doç.Dr.Ebru Kondolot Solak</b>	3.Nurcan Çiçek Kırkayak	Polimerik membranların hazırlanması, karakterizasyonu ve ayırma işlemlerinde kullanılması	Devam ediyor	<b>Bildiri:</b> 1.Kondolot Solak E., Asman G., Çiçek Kırkayak N. (2017). Theophylline Release from Ethyl Cellulose Coated PVP/NaCMC Microspheres. <i>International Congress of the New Approaches and Technologies for Sustainable Development</i> , 21-24 Eylül 2017, İsparta/Turkey (Poster). 2.Çiçek Kırkayak N., Kondolot Solak E. (2016). Controlled Release of Theophylline from Biodegradable Microspheres. <i>2nd International Congress of Forensic Toxicology</i> , 26-30 Mayıs 2016, Ankara/Turkey.
<b>Prof.Dr.Yasemin Udum</b>	1.Melek Aktaş	İLETKEN POLİMER TEMELLİ AMPEROMETRİK BİYOSENSÖR GELİŞTİRLMESİ	Devam ediyor	<b>Bildiri:</b> 1.Aktaş M., Keleş D., Çırpan A., Toppare L., <b>Udum Y.</b> , “Flor İçeren Donör-Akseptör Tipi Yeni Bir İletken Polimerin Sentezi ve Elektrokromik Özellikleri”, 29. Ulusal Kimya Kongresi, Ankara, Türkiye, 10-14 Eylül 2017.
	2.Elvin Rustamlı,	DONÖR-AKSEPTÖR TİPİ TİYOFEN VE TİYENOTİYOFEN İÇEREN İLETKEN POLİMERLERİN SENTEZİ, ELEKTROKROMİK VE OPTİK ÖZELLİKLERİNİN İNCELENMESİ	2014	<b>Makale:</b> 1. Rustamlı E. , Goker S., Tarkuc S., <b>Udum Y.A.</b> , Toppare L., “Synthesis and Characterization of Thiophene and Thieno[3,2-b]thiophene Containing Conjugated Polymers”, <i>Journal of Electrochemical Society</i> , 162 (9) (2015) G75-G81. <b>Bildiri:</b> <b>1.</b> Rustamlı E., Göker S., <b>Udum Y.A.</b> , Toppare L., “Synthesis, Electrochromic And Optical Properties Of Thiophene And Thienothiophene Containing Conductive Polymers”, 1 <sup>st</sup> International Scientific Conference of Young Scientists and Specialists, Baku, Azerbaijan, October 15-16, 2014. <b>2.</b> Rustamlı E., Göker S., <b>Udum Y.A.</b> , Toppare L., “Tiyofen ve Tiyeno[3,2-b]tiyofen İçeren İletken Polimerlerin Sentezi, Elektrokromik ve Optik Özelliklerinin incelenmesi”, IV. Fiziksel Kimya Kongresi, Pamukkale, Türkiye, 5-8 Haziran 2014. <b>3.</b> Rustamlı E., Göker S., <b>Udum Y.A.</b> , Toppare L., “Synthesis And Characterization Of Thiophene And Thienothiophene Containing Conjugated Polymers”, Baku World Forum Of Young Scientists, Baku, Azerbaijan, May 26-31, 2014.

<b>Prof.Dr.Yasemin Udum</b>	3.Elif Nazlı Esmer	SENTEZLENEN DONÖR-AKSEPTÖR-DONÖR TİPİ İLETKEN POLİMERLERİN ELEKTROKİMYASAL VE OPTİK ÖZELLİKLERİ”,	2012	<b>Makale:</b> 1.Esmer E.N., Tarkuc S., <b>Udum Y.A.</b> ,Toppare L., “Near Infrared Electrochromic Polymers Based On PhenazineMoities”, <i>Materials Chemistry and Physics</i> ,131 (2011) 519–524. <b>Bildiri:</b> 2.Esmer E.N., Tarkuc S., <b>Udum Y.A.</b> ,Toppare L., “Synthesis Of New Donor-Acceptor Polymers Based On PhenazineMoities”, 9 <sup>th</sup> International Electrochemistry Meeting, İzmir, Turkey, 2011
<b>Doç.Dr.Nurgül Seferoğlu</b>	1.Tunay Canpolat	Kumarin-Pirazolon Temelli Bir Seri Yeni Floresans Moleküllerin Tautomerik Yapılarının Ve Fotofiziksel Özelliklerinin İncelenmesi	Devam ediyor	Tunay Canpolat, Banu Babür, Nurgül Seferoğlu, Zeynel Seferoğlu, “Kumarin-Pirazolon Temelli Bir Seri Yeni Floresans Moleküllerin Tautomerik Yapılarının ve Fotofiziksel Özelliklerinin İncelenmesi”, 29. Ulusal Kimya Kongresi, ODTÜ, 10-14 Eylül 2017
	2.Gamze Toprakçioğlu	Donör Ve Akseptör Grupları İçeren Yeni Bir Seri Azo Boyarmaddelerin Fotofiziksel Ve Doğrusal Olmayan Optik (NLO) Özelliklerinin İncelenmesi	Devam ediyor	Gamze Toprakçioğlu, Ömer Arslan, Nurgül Seferoğlu, Zeynel Seferoğlu, “Donör Ve Akseptör Grupları İçeren Yeni Bir Seri Azo Boyarmaddelerin Fotofiziksel Ve Doğrusal Olmayan Optik (Nlo) Özelliklerinin İncelenmesi”, 29. Ulusal Kimya Kongresi, ODTÜ, 10-14 Eylül 2017
	3.Alper Uzun	Bir seri yeni fonksiyonel boyarmaddenin özelliklerinin teorik olarak incelenmesi	Devam ediyor	
	4.Ahmet Burak Eroğlu	Bazı numunelerdeki CN <sup>-</sup> anyonunun belirlenmesi için yeni bir floresans probun geliştirilmesi	Öğrenci ders aşamasında	
	5.Ekin Teslime Balk	Tez önerisi verilemedi. Öğrenci gelmedi.		
<b>Prof.Dr.Hakan Keskin</b>	1.İbrahim AÇIKEL	Ağaç Malzemede Emprenye İşleminin Vida Tutma Direncine Etkisi	2007	M Atar, I Açikel, H Keskin (2016) “Impacts of boron compounds, imersol-aqua and timbercare-aqua on the screw withdrawal strength of some woods” <i>Materials Science</i> 14 (12), 484-493
<b>Prof.Dr.İbrahim Uslu</b>	1.Yosef BADALI	Grafen, Bor ve Nadir Toprak Elementleriyle Katkılanmış Poliviniliden Florür Nanokompozit Piezo Malzemelerin Üretimi ve Karakterizasyonu	2015	<b>Bildiri</b> 1-) Badali, Y., Aytimur, A., Uslu, I., Altındal, Ş. (2014). Graphene and boron doped polyvinylidene fluoride piezoelectrice materials. <i>NANOTR</i> 10, Yeditepe University, Istanbul, Turkey  <b>Makale</b> 1) Nikravan, A., Badali, Y., Altındal, Ş., Uslu, I., Orak, İ. (2017). On the Frequency and Voltage-Dependent

**Prof.Dr.İbrahim Uslu**

				<p>Profiles of the Surface States and Series Resistance of Au/ZnO/n-Si Structures in a Wide Range of Frequency and Voltage. <i>Journal of Electronic Materials</i>, 46, 5728-5736.</p> <p>2) Badali, Y., Nikravan, A., Altındal, Ş., Uslu, I. (2018). Effects of a Thin Ru-Doped PVP Interface Layer on Electrical Behavior of Ag/n-Si Structures. <i>Journal of Electronic Materials</i>, <a href="https://doi.org/10.1007/s11664-018-6195-8">https://doi.org/10.1007/s11664-018-6195-8</a>.</p>
	2.Arda AYTİMUR	Zirkonyum Oksit ve Gadolinyum Oksit Tabanlı Çeşitli Metal Oksit Katkılı İnorganik Pigmentlerin Çöz-Pel Tekniğiyle Sentezi ve Karakterizasyonu	2015	<p><b>Bildiri</b> Aytimur, A., Koçyiğit, S., Uslu, I. (2015). Preparation and Characterization of Zirconia-gadolinia-neodymia nanocrystalline ceramic pigments. 9th International Physics Conference of the Balkan Physical Union, İstanbul University, İstanbul, Turkey</p> <p><b>Makale</b> 1) Aytimur, A., Koçyiğit, S., Uslu, İ., Gökmeşe, F. (2015). Preparation and Characterization of Polyvinyl Alcohol Based Copolymers as Wound Dressing Fibers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i>, 64, 111-116. 2) Aytimur, A., Koçyiğit, S., Temel, S., Uslu, İ. (2014). Boron Undoped and Doped Europium-Bismuth Oxide Nanocomposites via the Polymeric Precursor Technique. <i>Journal of the Minerals, Metals &amp; Materials Society</i>, 66, 1479-1484. 3) Çınar, E., Koçyiğit, S., Aytimur, A., Uslu, İ., Akdemir, A. (2014). Synthesis, Characterization, and Thermoelectric Properties of Electrospun Boron-Doped Barium-Stabilized Bismuth-Cobalt Oxide Nanoceramics. <i>Metallurgical and Materials Transactions A</i>, 45, 3929-3937. 4) Aytimur, A., Koçyiğit, S., Uslu, İ. (2014). Calcia Stabilized Ceria Doped Zirconia Nanocrystalline Ceramic. <i>Journal of Inorganic and Organometallic Polymers and Materials</i>, 24, 927-932. 5) Aytimur, A., Koçyiğit, S., Uslu, İ., Durmuşoğlu, Ş., Akdemir, A. (2014). Synthesis and Characterization of Boron-Doped Bismuth Oxide-Erbium Oxide Fiber Derived Nanocomposite Precursor. <i>Journal of Composite Materials</i>, 48, 2317-2324. 6) Koçyiğit, S., Aytimur, A., Çınar, E., Uslu, İ., Akdemir, A. (2014). Boron-Doped Strontium-Stabilized Bismuth Cobalt Oxide Thermoelectric Nanocrystalline Ceramic Powders Synthesized via Electrospinning. <i>Journal of the Minerals, Metals &amp; Materials Society</i>, 66, 30-36. 7) Aytimur, A., Uslu, I., Durmusoglu, S. and Akdemir, A. (2014). Polymer-derived yttria stabilized bismuth oxide nanocrystalline ceramics. <i>Ceramics International</i>, 40(8), 12899-12903. 8) Aytimur, A. and Uslu, I (2014). Promising materials for wound dressing: PVA/PAA/PVP electrospun nanofibers. <i>Polymer-Plastics Technology and Engineering</i>, 53(7), 655-660. 9) Orujalipoor, I., Aytimur, A., Tukul, C., Ide, S. and Uslu, I. (2014). SAXS and WAXS analysis of MgO doped ZnO nanostructured ceramics grown on Si and glass substrate. <i>Journal of Sol-Gel Science and Technology</i>, 70(1), 125-132.</p>
	3.Serhat KOÇYİĞİT	Grafen Katkılı P-Tipi ve N-Tipi Termoelektrik Nanokompozit Malzeme Üretimi ve	2017	<p><b>Bildiri</b> Koçyiğit, S., Aytimur, A., Uslu, İ. (2015). Synthesis and Characterization of Graphene Undoped and Doped Ca<sub>3</sub>-xEu<sub>x</sub>Co<sub>4</sub>O<sub>z</sub> Nanoceramics with Thermoelectric Effect. 9th International Physics Conference of the Balkan Physical Union, İstanbul University, İstanbul, Turkey</p>

<p><b>Prof.Dr.İbrahim Uslu</b></p>		<p>Karakterizasyonu</p>		<p><b>Makale</b>  1) Aytimur, A., Koçyiğit, S., Uslu, İ., Gökmeşe, F. (2015). Preparation and Characterization of Polyvinyl Alcohol Based Copolymers as Wound Dressing Fibers. International Journal of Polymeric Materials and Polymeric Biomaterials, 64, 111-116.  2) Marıl, E., Altındal, Ş., Kaya, A., Koçyiğit, S., Uslu, İ. (2015). On Double Exponential Forward Bias Current-Voltage (I-V) Characteristics of Au/ Ca3Co4Ga0.001Ox /n-Si/Au (MIS) Type Structures in Temperature Range of 80–340 K. Philosophical Magazine, 95, 1049-1068.  3) Aytimur, A., Koçyiğit, S., Temel, S., Uslu, İ. (2014). Boron Undoped and Doped Europium-Bismuth Oxide Nanocomposites via the Polymeric Precursor Technique. Journal of the Minerals, Metals &amp; Materials Society, 66, 1479-1484.  4) Çınar, E., Koçyiğit, S., Aytimur, A., Uslu, İ., Akdemir, A. (2014). Synthesis, Characterization, and Thermoelectric Properties of Electrospun Boron-Doped Barium-Stabilized Bismuth-Cobalt Oxide Nanoceramics. Metallurgical and Materials Transactions A, 45, 3929-3937.  5) Aytimur, A., Koçyiğit, S., Uslu, İ. (2014). Calcia Stabilized Ceria Doped Zirconia Nanocrystalline Ceramic. Journal of Inorganic and Organometallic Polymers and Materials, 24, 927-932.  6) Aytimur, A., Koçyiğit, S., Uslu, İ., Durmuşoğlu, Ş., Akdemir, A. (2014). Synthesis and Characterization of Boron-Doped Bismuth Oxide-Erbium Oxide Fiber Derived Nanocomposite Precursor. Journal of Composite Materials, 48, 2317-2324.  7) Koçyiğit, S., Aytimur, A., Çınar, E., Uslu, İ., Akdemir, A. (2014). Boron-Doped Strontium-Stabilized Bismuth Cobalt Oxide Thermoelectric Nanocrystalline Ceramic Powders Synthesized via Electrospinning. Journal of the Minerals, Metals &amp; Materials Society, 66, 30-36.  8) Erdal, M. O., Koyuncu, M., Aksu, M. L., Uslu, I., Koçyiğit, S. (2018) Thermoelectric Properties of Nickel and Boron Co-Substituted NaCo2O4 Prepared by Electrospinning Technique. Nano Hybrids and Composites, 19, 34-45.</p>
<p><b>Prof.Dr.Sema Bilge Ocak</b></p>	<p>1.İlhan Cıbrır</p>	<p><b>Kurşunoksit Katkılı Metal-Oksit-Yarı İletken Yapıların Elektriksel Özelliklerinin İncelenmesi</b></p>	<p>2017</p>	<p><b>Frequency Dependent Dielectric Properties Of Al/ Pbo/P-Si Schottky Device</b>  <i>S.Bilge Ocak , Elif Orhan And İlhan Cıbrır</i>  <b>Turkish Physical Society 32nd International Physics Congress September 6-9, 2016 / Bodrum - Turkey</b>  Frequency dependent dielectric properties of Al/ maleic anhydride (MA) /p-Si structures”Journal of optoelectronics and Advanced MaterialsVol. 17, No. 11-12, November – December 2015, p. 1747 - 1755) (2015) (<b>S. Bilge Ocak</b>, A.B. Selçuk, S.B. Bayram, A. Ozbay)</p>
	<p>2.Ali Özbay</p>	<p>Al/ maleic anhydride (MA) /p-Si s yapıların Elektriksel Karakteristiklerinin İncelenmesi</p>	<p>Devam ediyor.</p>	
	<p>3.Rıdvan okur</p>	<p><b>MIS Yapılarda Ara Yüzey Karakterizasyonu</b></p>	<p>2016</p>	<p><b>Electrical Analysis of Al/Zno/P-Si And Al/Pmma/Zno/P-Si Structures</b>  <i>R.Okur, A.B. Selçuk , S. Bilge Ocak</i>  Türk Fizik Derneği 31.Uluslararası Fizik Kongresi, 21-24 Temmuz 2014, Bodrum / Türkiye Turkish Physical Society 31st International Physics Congress, 21-24 July 2014, Bodrum / Turkey</p>

<b>Prof.Dr.Sema Bilge Ocak</b>	4.Mehmet Köprü	İleri Teknolojiler programında Danışmanlığı Prof.Dr.Elif Orhan tarafından yürütülen çalışmada birlikte çalışılmıştır.	Devam ediyor	“Experimental Study of Effects of Ultrasonic Waves on Heat Distribution in Gaseous Medium” M. Köprü, E. Orhan, S. Bilge Ocak Procedia - Social and Behavioral Sciences 195 ( 2015 ) 2849 – 2858
	5.Nuriye Kaymak	İleri teknolojiler programında Danışmanlığı Prof.Dr.Elif Orhan tarafından yürütülen çalışmada birlikte çalışılmıştır.	Doktora devam ediyor	“Investigation of low-frequency dependent characteristics of Al/Maleic Anhydride (MA)/p-Si Schottky barrier diode” Nuriye KAYMAK, Elif OZ ORHAN, S. Bilge OCAK, Birkan SELÇUK AIP Conference Proceedings <b>1935</b> , 160003 (2018); <a href="https://doi.org/10.1063/1.5026014">https://doi.org/10.1063/1.5026014</a>  “An investigation of the electrical properties of PbO based MOS-type different Schottky barrier diodes on a structure” Nuriye KAYMAK, Elif OZ ORHAN, S. Bilge OCAK, Birkan SELÇUK AIP Conference Proceedings <b>1935</b> , 160002 (2018); <a href="https://doi.org/10.1063/1.5026013">https://doi.org/10.1063/1.5026013</a>
	6.Gonca Aras	İleri teknolojiler programında Danışmanlığı Prof.Dr.Elif Orhan tarafından yürütülen çalışmada birlikte çalışılmıştır.	Yüksek Lisans Tezi Bitti.	1. A.B.Selçuk, S.BilgeOcak, G.Aras, E.Orhan“Frequency dependent dielectric properties of PMMA deposited on p-type silicon” Material Science and semiconductor processing, 38 (2015) 119-125. 2. S.BilgeOcak, A.B.Selçuk, G.Aras and E.Orhan“Electrical analysis ofAl/ZnO/p-Si, Al/PMMA/p-Si and Al/PMMA/ZnO/p-Si structures:Comparison study” Material Science and semiconductor processing, 38 (2015) 249-256. 3.G.Aras, E.Orhan,A.B.Selçuk and S.Bilge Ocak“Dielectric Properties of Al/Poly (methyl methacrylate) (PMMA)/ p-Si Structures at Temperatures Below 300 K” Procedia - Social and Behavioral Sciences 195 ( 2015 ) 1740 – 1745 4 .S.BilgeOcak, A.B.Selçuk, G.Aras, E.Orhan “Electrical Characteristics of Al/Poly(methyl methacrylate)/p-Si Schottky Device” Journal of electronic materials 43, 9 (2014) 3263-3269.
<b>Prof.Dr.Ayşe Aydoğdu</b>	1.Uğur KÖROĞLU	AlGaIn/GaN HEMT ler için T Profiline Kapıların Fabrikasyon Yöntemleri	DEVAM EDİYOR	AlGaIn/GaN HEMT'ler (Yüksek Elektron Mobiliteli Transistör) için T Profiline Kapıların Fabrikasyon Yöntemleri, Uğur Köroğlu , Doğan Yılmaz,Ayşe Aydoğdu, Yıldırım Aydoğdu , Ekmel Özbay 19. Ulusal Optik, Elektro-optik ve Fotonik Çalıştayı, Koç Üniversitesi 29 Eylül 2017 (Fotonik-2017)
<b>Prof.Dr.Elif Orhan</b>	1.Nuriye Kaymak			Makale: 1.Nuriye Kaymak, Elif Oz Orhan, S. Bilge Ocak, and Birkan Selçuk, An investigation of the electrical properties of PbO based MOS-type different Schottky barrier diodes on a structure (2018). AIP Conference Proceedings 1935, 160002 (2018); doi: 10.1063/1.5026013 2.Nuriye Kaymak, Elif Oz Orhan, S. Bilge Ocak, and A. Birkan Selçuk , Investigation of low-frequency dependent characteristics of Al/Maleic Anhydride (MA)/p-Si Schottky barrier diode (2018). AIP Conference Proceedings 1935, 160003 (2018); doi: 10.1063/1.5026014. Bildiri: 1.SELÇUK AKİL BİRKAN, ORHAN ELİF,KAYMAK NURİYE,BİLGE OCAK SEMA (2017). Electrical Analysis of Al/PbO/P-Si Structures. Turkish Physical Society 33.

Prof.Dr.Elif Orhan				<p>International Congress.</p> <p>2.KAYMAK NURİYE,SELÇUK AKİL BİRKAN,ORHAN ELİF,BİLGE OCAK SEMA (2017). Low Frequency Dependent Dielectric Properties of Al/MA/P-Si Structures. Turkish Physical Society 33. International Congress.</p> <p>3.SELÇUK AKİL BİRKAN, ORHAN ELİF,KAYMAK NURİYE,BİLGE OCAK SEMA (2017). Electrical Analysis of Al/PbO/P-Si Structures. Turkish Physical Society 33. International Congress.</p>
	2.Esra Efil			<p>Makale:</p> <p>1.E. Efil, A. B. Selçuk, E. Oz Orhan, S.B. Ocak* (2017). A Study of The Low Frequency-Dependent Characteristics of PbO Based Schottky Barrier Diode. Canadian Journal of Physics, 12(15). Bildiri:</p> <p>1.SELÇUK AKİL BİRKAN, EFİL ESRA,ORHAN ELİF,BİLGE OCAK SEMA (2017). Investigation of Low Frequency Dependent Characteristics of PBOThin Films. Turkish Physical Society 33. International Congress.</p> <p>2.EFİL ESRA,ORHAN ELİF,SELÇUK AKİL BİRKAN,BİLGE OCAK SEMA (2017). High-Frequency Characteristics of MOS structures. Turkish Physical Society 33. International Congress</p> <p>3.EFİL ESRA,ORHAN ELİF,SELÇUK AKİL BİRKAN,BİLGE OCAK SEMA (2017). High-Frequency Characteristics of MOS structures. Turkish Physical Society 33. International Congress.</p>
	3.G. Aras			<p>Makale:</p> <p>1.G. Aras, E. Orhan, A. B. Selçuk, S. Bilge Ocak, M. Ertuğrul (2015). Dielectric Properties of Al/Poly (methyl methacrylate) (PMMA)/ p-Si Structures at Temperatures Below 300 K. Procedia - Social and Behavioral Sciences, , 195(1740-1745).</p> <p>2.A.B.Selçuk, S.Bilge Ocak, G.Aras, E.Orhan (2015). Frequency dependent dielectric properties of PMMA deposited on p-type silicon. Material Science and Semiconductor Processing, 38(119-125).</p> <p>3.S.Bilge Ocak, A.B.Selçuk, G.Aras, E.Orhan (2015). Frequency dependent dielectric properties of Al/ ZnO/p-Si/, Al/ PMMA/p-Si and Al/PMMA/ZnO/p-Si structures. Journal of Optoelectronics and Advanced Materials ,</p> <p>4.A.B. Selçuk, S. Bilge Ocak, F.G. Aras &amp;E. Oz Orhan (2014). Electrical Characteristics of Al/Poly(methyl methacrylate)/p-Si Schottky Device. Journal of Electronic Material 43 (9), 3263-3269 (2014)., 43(3263).</p> <p>5.ARAS GONCA ,ORHAN ELİF,SELÇUK AKİL BİRKAN,BİLGE OCAK SEMA,ERTUĞRUL MEHMET (2015). Dielectric Properties of Al Poly methyl methacrylate PMMA p Si Structures at Temperatures Below 300 K. World Conference on Technology, Innovation and Entrepreneurship, 195, 1740-1745.,</p>



**Prof.Dr.Elif Orhan**

				Doi: 10.1016/j.sbspro.2015.06.295
4.Mehmet Köprülü				Makale: 1.M. Köprü, E. Orhan, S. Bilge Ocak, (2015). Experimental Study of Effects of Ultrasonic Waves on Heat Distribution in Gaseous Medium. Procedia - Social and Behavioral Sciences, 195(2849-2858). 2.KÖPRÜ MEHMET, ORHAN ELİF, BİLGE OCAK SEMA (2015). Experimental Study of Effects of Ultrasonic Waves on Heat Distribution in Gaseous Medium. World Conference on Technology, Innovation and Entrepreneurship, 195, 2849-2858., Doi: 10.1016/j.sbspro.2015.06.406.
5.Burçin Develi				Bildiri: 1.M. Burçin Develi, Elif Orhan, A COMPACT GREEN LASER by SECOND HARMONIC GENERATION World Conference on Technology, Innovation and Entrepreneurship May 28-30, 2015'te sunuldu. Özeti yayımlandı. 2.DEVELİ BURÇİN, TİKEN MEHMET, BERBEROĞLU HALİL,BİLGE OCAK SEMA,ORHAN ELİF (2017). Desing and Fabrication of Green Laser Designater Prototype. Turkish Physical Society 33. International Congress. 3.DEVELİ BURÇİN,TİKEN MEHMET,ORHAN ELİF (2015). A compact green laser by second harmonic generation. World Conference on Technology, Innovation and Entrepreneurship.
6.İlhan Cıbrır				Bildiri: 1.BİLGE OCAK SEMA, ORHAN ELİF, CIBİR İLHAN (2016). Frequency Dependent Dielectric Properties of Al PBO p Si Schottky Device. Turkish Phsical Society 32 nd International Physics Congress .
7.İlkay Yavuz				Bildiri: 1. BÜYÜKYILDIZ MEHMET, YAVUZ İLKAY, BİLGE OCAK SEMA,ORHAN ELİF (2016). Determination of Average Fluorescence Yields of N Shell for Elements 38 101. Turkish Phsical Society 32 nd International Physics Congress.
8.Osman Kalmaz				Bildiri: 1.KALMAZ OSMAN, BİLGE OCAK SEMA,ORHAN ELİF (2016). Electrical and Dielectric Characteristics of Maleic Anhydride Deposited on P Type Silicon. International Physics Conference at The Anatolian Peak /IPCAP2016 (Tam Metin Bildiri/Poster)(Yayın No:3211834)
9.Emrah Odabaşı				Bildiri: 1.ODABAŞI EMRAH,ARAS GONCA,ORHAN ELİF,BOYDAŞ ELİF (2015). Fabrication and Characterization of Silicon Nitride ThinFilms by Plasma Enhancement Chemical VapourDeposition PECVD. World Conference on Technology, Innovation and Entrepreneurship.

				2.M. Tiken, C. Candan, E. Kul, E. Orhan, H. Berberoğlu, Optik Geri Besleme Girişim Tekniği İle Mikron Ölçekte Titreşimlerin Mutlak Yerdeğiştirme Hareketinin Belirlenmesi Fotonik 2017, 19. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı.
<b>Doç. Dr.Saime Şebnem Çetin</b>	<i>Yıldırım Durmuş</i>	GaN HEMT Aygıtlarda Çıkış Gücü ve Verimliliği Arttırmaya Yönelik Fabrikasyon Yöntemlerinin Geliştirilmesi	Devam Ediyor	<i>Yıldırım Durmuş, Doğan Yılmaz, M. Deniz Çalışkan, Saime Şebnem Çetin, Ekmel Özbay, “Çift Si3N4 Dielektrik Tabakası İle Yüksek Güçlü AlGaIn/GaN HEMT Aygıtların Üretilmesi”, 19. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı (FOTONİK 2017), 29 Eylül 2017, İstanbul, Türkiye.</i>
<b>Prof.Dr.Adnan Akkurt</b> <b>Doç.Dr.Feyzan Arıkan</b> <b>Prof. Dr.İnan Güler</b> <b>Doç. Dr.Yasemi Şafak</b> <b>Prof.Dr.Sefer Bora</b> <b>Lisesivdin</b> <b>Prof.Dr.Ramazan Çıtak</b> <b>Prof.Dr.Yıldırım</b> <b>Aydoğdu</b>	<b>TEZ ÇALIŞMALARI DEVAM EDİYOR...</b>			