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Ünvanı : Prof. Dr.

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Doktora	Fen Bilimleri Kimya Anabilimdalı	Hacettepe Üniversitesi	Temmuz 1992

TEZLER

1. N. Özçiçek, “Elektrotermal AAS de W-Karbür, Zr-Karbür, Si-Karbür kaplı fırınlarda Se, Sn, V elementlerinin incelenmesi”, Bilim Uzmanlığı Tezi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Ankara, 1987, Danışman: Prof. Dr. Türkan Balkış

2. N. Pekmez, “İletken polianilin filminin susuz ortamda elektrokimyasal olarak eldesi, elektrokimyasal ve spektroskopik olarak incelenmesi”, Doktora Tezi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Ankara, 1992, Danışman: Prof. Dr. Attila Yıldız

Araştırma Alanları

Elektrokimya, iletken polimerler, redoks polimerler, elektroanaliz,, elektrokimyasal korozyon arařtırmaları, electrokimyasal süperkapasitörler, adsorptive sıyırma voltametrisi

Akademik Ünvanlar

	<u>Üniversite / Fakülte</u>	<u>Bölüm/Anabilim Dalı</u>	<u>Tarih</u>
Asistan	Hacettepe Ü / Fen Fak	Kimya/Analitik Kimya	Eylül 1983
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Doçent	Hacettepe Ü. / Fen Fak	Kimya/Analitik Kimya	Ekim 1996
Profesör	Hacettepe Ü. / Fen Fak	Kimya/Analitik Kimya	Aralık 2003

Verilen Lisans ve Lisansüstü Dersleri

Analitik Kimya

Analitik Kimya Labaratuvarı

Genel Kimya

Enstrümantal Analiz

Enstrümantal Analiz Laboratuvarı

İletken Polimerler ve Korozyon

İletken Polimerler (Lisans üstü)

Moleküler Spektroskopi (Lisans üstü)

Yönetilen Yüksek Lisans ve Doktora Tezleri

1. **Uğur Tamer**, Sıyırma voltametriyi ile alüminyum tayini ve bazı ilaçlardaki aktif madde tayini, *Yüksek Lisans tezi*, Hacettepe Üniversitesi, **1999**
2. **Aziz Yağın**, Poli(N-alkilaniilinlerin) demir içeren elektrotlar üzerine elektrosentezi, karakterizasyonu ve korozyon koruması, *Doktora tezi*, Hacettepe Üniversitesi **2006**
3. **Elif Abacı**, Sulu ortamda anilin-tiyofen kopolimeri, homopolimerleri ve kompozitlerinin paslanmaz çelik üzerine elektrosentezi, *Yüksek Lisans tezi*, Hacettepe Üniversitesi, **2006**
4. **Muammer Kavanoz**, Polivinilferrosen/polianilin kompozit elektrodun elektrokimyasal olarak hazırlanması, karakterizasyonu ve fenolik bileşiklerin tayininde kullanılması, *Doktora tezi*, Hacettepe Üniversitesi **2009**
5. **Kübra Cınkılı**, Paslanmaz çelik üzerine pirol-bitiyofen kopolimer ve polipirol, polibitiyofen homopolimerlerinin sulu ortamda elektrosentezi, korozyon performansı ve karakterizasyonu, *Yüksek Lisans tezi*, Hacettepe Üniversitesi, **2010**
6. **Mine Şen**, Poli(vinilferrosen)/ poli(3,4-etilendioksitiyofen) kompozit kaplı elektrodun elektrokimyasal olarak hazırlanması ve karakterizasyonu, *Yüksek Lisans tezi*, Hacettepe Üniversitesi, **2010**
7. **Erhan Karaca**, Enerji Depolanması İçin Tartarik Asit Katkılanmış Polipirol Bazlı Süper Kapasitör Malzemelerinin Sentezi, *Yüksek Lisans tezi*, Hacettepe Üniversitesi, **2013**
8. **Hakan Sarıaslan**, Yumuşak çelik üzerine 3-aminofenilboronik asit ve pirol'ün elektrokimyasal kopolimerizasyonu ve onun korozyon performansı, *Yüksek Lisans tezi*, Hacettepe Üniversitesi, **2016**
9. **Mine Şen Teker**, Doktora tezi, Aminofenilbenzimidazollerin sentezi, elektropolimerizasyonu ve modifiye elektrodunun enzimsiz H₂O₂ sensörü olarak kullanımı, *Doktora Tezi*, 2011-2018
10. **Erhan KARACA**, Enerji depolanması için metal oksit-iletken polimer kompozit bazlı süper kapasitör elektrot malzemelerinin elektrokimyasal sentezi, *Doktora Tezi*, Hacettepe Üniversitesi, 2013-2019
11. **Merve Uğur**, Çelik ve alüminyum alaşımları için korozyon testleri ve koruyucu kaplamalar, *Yüksek Lisans Tezi*, Hacettepe, 2018-2019

Uluslararası Hakemli Dergilerde Yayımlanan Makaleler

1. Pekmez N., Pekmez K., Yıldız A., The electrooxidation of p-aminodiphenylamine in acetonitrile, *J. of Electroanalytical Chemistry*, 348 (1-2): 389-398, **1993**
2. Pekmez N., Pekmez K., Arca M., Yıldız A., The effect of monomer and acid concentrations on electrochemical polyaniline formation in acetonitrile, *J. of Electroanalytical Chemistry*, 353 (1-2): 237-246, **1993**

3. Pekmez N., Pekmez K., Yildiz A., Electrochemical behavior of polyaniline films in acetonitrile, **J. of Electroanalytical Chemistry**, 370 (1-2): 223-229, **1994**
4. Pekmez N. , Yildiz A., “Electroreparation of polyaniline in the presence of anhydrous cuprous ions in acetonitrile” **J. of Electroanalytical Chemistry**, 386 (1-2): 121-126, 1995
5. Pekmez N., Yildiz A., Electroreduction of 1,4-Benzoquinone and Cobaltocenium Perchlorate on the Oxidized Electroinactive polyaniline films in acetonitrile, **Berichte der Bunsenges. Phys. Chemie**, 102 (6): 843-847, **1998**
6. Can M., Pekmez K., Pekmez N., Yildiz A., Electropolymerization of thiophene with and without aniline in acetonitrile, **Turkish J. of Chemistry**, 22 (1): 47-53, **1998**
7. Can M., Pekmez K., Pekmez N. and Yildiz A., Electropolymerization of acetonitrile solutions containing aniline and thiophene, **Synthetic Metals**, 104 (1): 9-17, **1999**
8. Can M., Pekmez K., Pekmez N. and Yildiz A., Electroreparation and electrochemical stability of Polythiophenes in Acetonitrile containing anhydrous HBF₄, **J. of Applied Polymer Science**, 77 (2): 312-322, **2000**
9. Tamer U., Pekmez NO, Atay O. and Yildiz A., Voltammetric determination of cilazapril in pharmaceutical formulations, **J. of Pharmaceutical and Biomedical Analysis**, 29 (1-2): 43-50, **2002**
10. Tamer U., Pekmez NO, and Yildiz A., Adsorptive stripping voltammetric determination of aluminium in haemodialysis samples, **Fresenius Environmental Bulletin**, 11: 1087-1090, **2002**
11. Abacı S., Pekmez K., Pekmez N., Yıldız A., Electrocatalysis of polyaniline formation on PbO₂ electrodes, **J. of Applied Polymer Science**, 87, (4): 599-605, **2003**
12. Pekmez NO, Pekmez K. , Holze R. , Yildiz A., Increased stability of polythiophene in the presence of aniline in acetonitrile, **J. of Applied Polymer Science**, 89 (3): 862-866, **2003**
13. Pekmez NO, Pekmez K. , Holze R. , Yildiz A., Spectroelectrochemical investigation of aniline-thiophene copolymer in acetonitrile, **J. of Applied Polymer Science**, 90 (12): 3417-3423, **2003**
14. Can M., Özasan H., Pekmez NO, Yıldız A., Chemical Synthesis of Thiophene-Pyrrole Copolymer, **Acta Chimica Slovenica**, 50: 741-750, **2003**
15. Can M., Pekmez NO, Yıldız A., Theoretical investigation of the proton effect on electropolymerization of aniline, **Polymer**, 44 (8): 2585-2588, **2003**
16. Veyisoğlu F., Şahin M., Pekmez NO, Can M., Yıldız A., The Effect of Hydrogen Bonding on The Electroreduction Behaviour of Aminobenzimidazoles, **Acta Chimica Slovenica**, 51 (3): 483-494, **2004**

17. Can M., Özaslan H., Işıldak Ömer, Pekmez NO, Yıldız A., Inversigation of catalytic effects of the proton and Lewis acids on oligomerization and chemical polymerization of pyrrole, **Polymer**, 45 (20): 7011-7016, **2004**
18. Yağan A., Pekmez NO, Yildiz A., Electrodeposition of poly(N-methyl aniline) on mild steel: synthesis, Characterization and corrosion protection, **J. of Electroanalytical Chemistry**, 578 (2): 231-238, **2005**
19. Yağan A., Pekmez NO, Yıldız A., Electropolymerization of poly(N-ethylaniline) on mild steel: synthesis, characterization and corrosion protection, **Electrochimica Acta**, 51 (14): 2949-2955, **2006**
20. Yağan A., Pekmez NO, Yıldız A., Effect of monomer and electrolyte concentration on anticorrosive properties of Poly(N-methylaniline) and Poly(N-ethylaniline) coated mil steel, **Synthetic Metals**. 156 (9-10): 664-670, **2006**
21. Yagan A, Pekmez NO, Yildiz A., Corrosion inhibition by poly (N-ethylaniline) coatings of mild steel in aqueous acidic solutions, **Progress in Organic Coatings**, 57 (4): 314-318, **2006**
22. Yagan A, Pekmez NO, Yildiz A., Investigation of protective effect of poly(N-ethylaniline) coatings on iron in various corrosive solutions, **Surface & Coatings Technology**, 201 (16-17): 7339-7345, **2007**
23. Pekmez NO, Can M., Yıldız A., Spectroscopic and electrochemical observation on hydrogen bonded 2-aminoimidazole clusters, **Acta Chimica Slovenica**, 54 (1): 131-139, **2007**
24. Yagan A, Pekmez NO, Yildiz A., Poly(N-methylaniline) coatings on stainless steel by electropolymerization, **Corrosion Science**, 49: 2905–2919, **2007**
25. Yagan A, Pekmez NO, Yildiz A., Inhibition of corrosion of mild steel by homopolymer and bilayer coatings of polyaniline and polypyrrole, **Progress in Organic Coatings**, 59: 297–303, **2007**
26. Yagan A, Pekmez NO, Yildiz A., Poly(N-ethylaniline) coatings on 304 stainless steel for corrosion protection in aqueous HCl and NaCl solutions, **Electrochimica Acta**, 53 (5): 2474-2482, **2008**
27. Yagan A, Pekmez NO, Yildiz A., Electrochemical synthesis of Poly(N-methylaniline) on an iron electrode and its corrosion performance, **Electrochimica Acta**, 53 (16): 5242-5251 **2008**
28. Tuna S. H. , Pekmez NO, Keyf F, Canlı F., The influence of the pure metal components of four different casting alloys on the electrochemical properties of the alloys, **Dental Materials**, 25: 1096–1103, **2009**
29. Can M, Uzun S, Pekmez NO., Chemical polymerization of aniline using periodic acid in acetonitrile, **Synthetic Metals** 159: 1486–1490, **2009**

30. Pekmez NO, Abacı E, Cınkılı K, Yağan A., Polybithiophene and its bilayers with polyaniline coatings on stainless steel by electropolymerization in aqueous medium, **Progress in Organic Coatings**, 65: 462–468, **2009**
31. Tuna S.H., Ozcicek Pekmez N., Keyf F., Canli F., The electrochemical properties of four dental casting suprastructure alloys coupled with titanium implants, **Journal of Applied Oral Science**, 17 (5): 467-475, **2009**
32. Zeybek, B., Ozcicek Pekmez, N., Kiliç, E., Electrochemical synthesis of bilayer coatings of poly(N-methylaniline) and polypyrrole on mild steel and their corrosion protection performances, **Electrochimica Acta** 56 (25): 9277-9286, **2011**
33. Kavanoz M., Şen M., Özçiçek Pekmez N., Electrochemical preparation of poly(vinylferrocenium)-perchlorate- polyaniline composite-modified platinum electrode in methylene chloride, **Collection of Czechoslovak Chemical Communications**, 76 (12): 1855-1877, **2011**
34. Şen M., Tamer U., Pekmez N.O., Carbon nanotubes/alizarin red S-poly(vinylferrocene) modified glassy carbon electrode for selective determination of dopamine in the presence of ascorbic acid, **Journal of Solid State Electrochemistry**, 16 (2): 457-463, **2012**
35. Kavanoz M., Pekmez N.Ö., Poly(vinylferrocenium) perchlorate-polyaniline composite film-coated electrode for amperometric determination of hydroquinone, **Journal of Solid State Electrochemistry**, 16 (3): 1175-1186, **2012**
36. Teker M.Ş., Tamer U., Pekmez N.Ö., Fabrication and characterization of poly(vinylferrocenium) perchlorate / poly(3,4-ethylenedioxythiophene) composite-coated electrode in methylene chloride, **Synthetic Metals**, 162 (11-12): 924-930, **2012**
37. Zeybek DK, Zeybek B, Pekmez NO, Kılıç E, Pekyardımcı Ş., Development of an Amperometric Enzyme Electrode based on Poly(o-Phenylenediamine) for the Determination of Total Cholesterol in Serum, **Journal of the Brazilian Chemical Society**, 23 (12): 2222-2231, **2012**
38. Ciftci H., Tamer U., Teker M.Ş., Pekmez N.Ö., An enzyme free potentiometric detection of glucose based on a conducting polymer poly(3-aminophenylboronic acid-co-3-octylthiophene), **Electrochimica Acta** , 90, 358-365, **2013**
39. Zeybek B., Pekmez NO, Kılıç E, Electropreparation of (+-)-10-Camphorsulfonate-Doped Poly(o-phenylenediamine) in Acetonitrile and its Use in Determination of Glucose, **Journal of Applied Polymer Science**, 131(3): 39864, **2014**
40. Pekmez NO, Cınkılı K, Zeybek B, “The electrochemical copolymerization of pyrrole and bithiophene on stainless steel in the presence of SDS in aqueous medium and its anticorrosive performance” **Progress in Organic Coatings** 77: 1277–1287, **2014**.
41. Karaca E., Pekmez N.Ö., Pekmez K., Galvanostatic deposition of polypyrrole in the presence of tartaric acid for electrochemical supercapacitor, **Electrochimica Acta**, 147: 545-556, **2014**

42. Tuna, S.H., Özçiçek Pekmez, N., Kürkçüoğlu, I., Corrosion resistance assessment of Co-Cr alloy frameworks fabricated by CAD/CAM milling, laser sintering, and casting methods, **Journal of Prosthetic Dentistry**, 114 (5): 725-734, **2015**
43. Karaca, E., Kaplan Can, H., Bozkaya, U., Özçiçek Pekmez, N., Charge-Transfer Complex of p-Aminodiphenylamine with Maleic Anhydride: Spectroscopic, Electrochemical, and Physical Properties, **ChemPhysChem**, 4;17(13):2056-65, **2016**
44. Kavanoz, M., Pekmez, N.Ö., Can, M., Investigation of the behavior of hydrogen-bonded phenolic compounds and their determination by using poly(vinylferrocenium)-polyaniline composite film, **Journal of Applied Polymer Science**, 133 (27): 43596, **2016**
45. Karaca E., Pekmez N.Ö., Pekmez K., Electrosynthesis of polypyrrole-vanadium oxide composites on graphite electrode in acetonitrile in the presence of carboxymethyl cellulose for electrochemical supercapacitors, **Electrochimica Acta**, 273: 379-391, **2018**
46. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., One-step electrosynthesis of polypyrrole/PbOx composite in acetonitrile as supercapacitor electrode material, **Synthetic Metals**, 247: 255-267, **2019**
47. Gokcen, D., Sentürk O., Karaca E., Pekmez N.Ö., Pekmez K., Memristive behavior of TiO_x obtained via Pb (II)-assisted anodic oxidation process, **Journal of Materials Science: Materials in Electronics**, 1-11, **2019**
48. Teker M.Ş., Karaca E., Pekmez N.Ö., Tamer U., Pekmez K., An Enzyme-free H₂O₂ Sensor Based on Poly(2-Aminophenylbenzimidazole)/Gold Nanoparticles Coated Pencil Graphite Electrode, **Electroanalysis**, 31 (1): 75-82, **2019**
49. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Electrochemical synthesis of PPy composites with nanostructured MnO_x, CoO_x, NiO_x, and FeO_x in acetonitrile for supercapacitor applications, **Electrochimica Acta**, 305, 502-513, **2019**
50. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Galvanostatic synthesis of Nanostructured Ag-Ag₂O dispersed PPy Composite on Graphite Electrode for Supercapacitor Applications, **International Journal of Energy Research**, 44, 158-170, 2020.
51. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Uğur M., Aksu N.D., 4.2 V Stack of metal oxide-polypyrrole-based composite electrodes and their power management, **International Journal of Energy Research**, 2020.
52. Tuna S.H., Karaca E., Aslan İ., Pekkan G., Pekmez N.Ö., Evaluation of corrosion resistance of Co-Cr alloys fabricated with different metal laser sintering systems, **The Journal of Advanced Prosthodontics**, 2020.
53. Ertekin Z., Pekmez N.Ö., Pekmez K., One-step electrochemical deposition of thin film titanium suboxide in basic titanil sulfate solution at room temperature, *Journal of Solid State Electrochemistry* 24:975–986, (2020).

Ulusal Hakemli Dergilerde Yayımlanan Makaleler

1. Zeybek DK, Zeybek B, Pekmez NO, Kılıç E, Pekyardımcı Ş, Preparation of Amperometric Enzyme Electrode Based on Polyphenol Oxidase for Determination of Phenolic Compounds, **GÜ, Gazi Eğitim Fakültesi Dergisi**, 30 (3) 955-978, **2010**

04 07 2021 itibariyle makalelerde 931, kitaplarda 2 olmak üzere **toplam atıf sayısı: 933**

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Uluslararası Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında Basılan Bildiriler

1. Balkış T., Pekmez N., Die bestimmbarkeit von selen und zinn durch atomization der impraignierten graphitrohrbirflaeche, **30th Conference on Spectral Analysis, Hungary**, August, **1987**

2. Pekmez N., Pekmez K., Holze R., Spectroelectrochemical investigations of aniline-thiophene Copolymers, **The Electrochemical Society, 199th Meeting, Washington, DC 2001**

3. Tamer U., Pekmez N., Atay O., Yıldız A., Determination of cilazapril in pharmaceutical formulations by adsorptive stripping voltammetry, **7th International Symposium on Pharmaceutical Sciences (ISOPS)**, Ankara University, **Turkey**, June, **2003**

4. Can M., Özasan H., Işıldak Ö., Pekmez Ö. N., Yıldız A., Spectroscopic investigation of catalytic effects of the proton and Lewis acids on oligomerization and chemical polymerization of pyrrole, **4th Aegean Analytical Chemistry Days**, Kuşadası, Aydın, **Turkey**, October, **2004**

5. Yağan A., Özçiçek Pekmez N., Yıldız A., Yumuşak çelik üzerine elektrosentezlenmiş N-alkil türevli polianilinlerin korozyon performansı, **International Corrosion Symposium**, Ankara, **Turkey**, September, **2004**

6. Yıldız A., Pekmez Ö. N., Pekmez K., Udum A. Y., Can M., Abacı S., Şahin Y., .Aniline-thiophene copolymers, **2nd International Aegean Physical Chemistry Days**, Ayvalık, Balıkesir, **Turkey**, October, **2004**

7. Abacı S., Pekmez Ö. N., Canlı F., Alanyalıoğlu M., Yıldız A., Preparation of ultrathin films of polyaniline by electrogenerated intermediate at gold surface, **5th Mediterranean Basin Conference on Analytical Chemistry**, Silvi-Marina, **Italy**, May 24-28, **2005**

8. Pekmez Ö. N., Veyisoğlu F., Can M., Yıldız A., ¹H-NMR, electrochemical observation and theoretical calculation of hydrogen bonded 2-aminoimidazole clusters, **3rd Black Sea Basin Conference on Analytical Chemistry**, Constanta, **Romania**, September 12-14, **2005**

9. Kavanoz M., Pekmez Özçiçek N., Pekmez K., Yıldız A., Determination of catechol using modified electrode with a Composite of Poly(vinylferrocene) and Polyaniline, ***International Symposium on drug Research and Development***, Hacettepe University, Lara-Antalya/Turkey, May 17-20, 2007
10. Kavanoz M., Pekmez Özçiçek N., Determination of dopamine using modified electrode with a composite of poly(vinylferrocene) and polyaniline, ***5th International Symposium on Pharmaceutical Chemistry***, Istanbul-Turkey, September 5-7, 2007
11. Cınkıllı K., Karadaş N., Yağan A., Pekmez Özçiçek N., Inhibition of corrosion by poly(bithiophene) bilayers with poly(aniline) coatings of stainless steel in HCl solution, ***XI. International Corrosion Symposium***, İzmir, Turkey, October, 2008
12. Karadaş N., Cınkıllı K., Yağan A., Pekmez Özçiçek N., Corrosion performance of poly(bithiophene) coatings synthesized in aqueous solution on stainless steel in NaCl solution, ***XI. International Corrosion Symposium***, İzmir, Turkey, October, 2008
13. Yağan A., Pekmez Özçiçek N., The effect of electrolyte concentration on corrosion behavior of polyaniline coated iron and mild steel electrodes, ***XI. International Corrosion Symposium***, İzmir, Turkey, October, 2008
14. Kavanoz M., Pekmez Özçiçek N., A new modified electrode based on poly(vinylferrocenium)-polyaniline composite film for amperometric determination of hydroquinone, Pamukkale University, ***6th Aegean Analytical Chemistry Days***, Denizli-Turkey, October 9-12, 2008
15. Koyuncu D., Zeybek B., Pekmez Özçiçek N., Pekyardımcı S., Kilic E., Amperometric catechol biosensor based on polyphenol oxidase immobilized on electropolymerized poly(o-phenylenediamine) films, ***10th World Congress on Biosensors***, [P2.103], Shanghai, China, May 14–16, 2008
16. Tuna S. H. , Pekmez NO, Keyf F, Canlı F., Spectroscopic investigation of four different types of dental alloys, ***Colloquium Spectroscopicum Internationale XXXVI***, Budapest, Hungarian, August 30-September 3, 2009
17. Cınkıllı K., Karadaş N., Pekmez NO., Electrosynthesis, characterization and corrosion behaviours of poly(bithiophene) bilayers with poly(aniline) coatings on stainless steel electrodes in NaCl solution, ***8th International Electrochemistry Meeting***, Antalya, Turkey, October 8-11, 2009
18. Karadaş N., Pekmez NO., Synthesis of (aniline-bithiophene) copolymer on stainless steel in acetonitrile-water mixture and its corrosion behaviour in HCl solution, ***8th International Electrochemistry Meeting***, Antalya, Turkey, October 8-11, 2009
19. Karadaş N., Cınkıllı K., Pekmez NO., Electrochemical copolymerization of aniline and bithiophene in aqueous solution on stainless steel and its corrosion performance in HCl medium, ***8th International Electrochemistry Meeting***, Antalya, Turkey, October 8-11, 2009
21. Kavanoz M., Pekmez Özçiçek N., Determination of a catecholamine (dopamine) using synthesized polyaniline in methylene chloride, ***4th International Meeting on Medicinal and***

Pharmaceutical Chemistry- 6th International Symposium on Pharmaceutical Chemistry (IMMPC-ISPC Joint Meeting), Hacettepe University Ankara, **Turkey**, september 30 - oktober 2, 2010

22. Kavanoz M., Pekmez Özçiçek N., Determination of catechol using synthesised poly(3-methylthiophene) in nonaqueous methylene chloride, **4th International Meeting on Medicinal and Pharmaceutical Chemistry- 6th International Symposium on Pharmaceutical Chemistry (IMMPC-ISPC Joint Meeting)**, Hacettepe University Ankara, **Turkey**, September 30- Oktober 2, **2010**

23. Sen M., Tamer U., Pekmez Özçiçek N., Determination of dopamine and ascorbic acid using multi-walled carbon nanotubes-alizarin red S poly(vinylferrocene) modified glassy carbon electrode, **7th Egean Analytical Chemistry Days, AACD**, Lesvos, **Greece**, **2010**

24. **Zeybek B.**, Pekmez Özçiçek N., Kılıç E., Electrochemical synthesis of bilayer coatings of poly(*N*-methylaniline) and polypyrrole on mild steel and their corrosion protection performance, **9th International Electrochemistry Meeting in Turkey**, Çeşme, **Turkey**, September, 25-29, **2011**

25. Önay A., Sen M., Pekmez Özçiçek N., Amperometric determination of dopamine using poly(vinylferrocenium) perchlorate /poly(3,4-ethylenedioxythiophene) composite-coated electrode, **10th International Symposium on Pharmaceutical Sciences (ISOPS-10)**, Ankara, **Turkey**, June 26-29, **2012**

26. Sen Teker M., Tamer U., Pekmez Özçiçek N., Fabrication and characterization of poly(vinylferrocenium) perchlorate / poly(3,4-ethylenedioxythiophene) composite-coated electrode in methylene chloride, **63rd Annual Meeting of the International Society of Electrochemistry**, Prague, **Czechoslovakia**, August 19-24, **2012**

27. Karaca E, Pekmez Özçiçek N., Pekmez K., ‘‘Electrochemical Synthesis of Supercapacitor Materials Based on Tartaric Acid Doped Polypyrrole in Acetonitrile for Energy Storage’’, When China Meets Turkey: Energy Matters, İstanbul, December 2012

28. Alkan E., Karaca E., Pekmez Özçiçek N., Pekmez K., Corrosion Behavior of Aluminum in Aqueous Acidic Solutions, **Electrochemistry Basic Science and Key Technology for Future Applications**, Mainz, Germany, September 22 – 24, **2014**

29. Karaca E., Pekmez Özçiçek N., Pekmez K., Galvanostatic Deposition Of Polypyrrole On Pencil Graphite Electrode In The Presence Of Tartaric Acid For Electrochemical Supercapacitor, **Electrochemistry Basic Science and Key Technology for Future Applications**, Mainz, Germany, September 22 – 24, **2014**

30. Sariarslan H., Karaca E., Pekmez Özçiçek N., Electropolymerization of Boronic Acid Pyrrole Copolymer on Mild Steel, **EuroAnalysis 2015**, Bordeaux, France, 6-10 Sept, **2015**

30. Karaca E., Kaplan Can H., Pekmez Özçiçek N., A New Charge Transfer Complex of p-Aminodiphenyldiamine with Maleic Anhydride, **10th Aegean Analytical Chemistry Days (AACD2016)**, Çanakkale, Turkey, 29 Sept 29- 2 Oct, **2016**

31. Karaca E, Pekmez Özçiçek N., Pekmez K., “Galvanostatic Deposition of Polypyrrole-Cobalt Perchlorate on pencil graphite electrode in the presence of graphene for Electrochemical Supercapacitor”, **3rd Emerging 2D Materials & Graphene Conference from Laboratory to Industry 2016**, İstanbul, Turkey, October 2016, Oral Presentation
32. Karaca E., Kaplan Can H., Pekmez Özçiçek N., A New Charge Transfer Complex of p-Aminodiphenyldiamine with Maleic Anhydride, **10th Aegean Analytical Chemistry Days (AACD2016)**, Çanakkale, Turkey, 29 Sept 29- 2 Oct, 2016.
33. Karaca E, Pekmez Özçiçek N., Pekmez K., “Galvanostatic Deposition of Polypyrrole-Cobalt Perchlorate on pencil graphite electrode in the presence of graphene for Electrochemical Supercapacitor”, **3rd Emerging 2D Materials & Graphene Conference from Laboratory to Industry 2016**, İstanbul, Turkey, October 2016, Oral Presentation
34. Karaca E., Pekmez Özçiçek N., Pekmez K., Galvanostatic deposition of polypyrrole on pencil graphite electrode in the presence of vanadyl tetrafluoroborate and Triton-x100 for electrochemical supercapacitor, **5th International Symposium on Enhanced Electrochemical Capacitors**, Jena, Germany, 10-14 July 2017.
35. Karaca E., Pekmez Özçiçek N., Pekmez K., Electrodeposition of polypyrrole containing manganous ions in acetonitrile solution on pencil graphite electrode for electrochemical supercapacitor, **5th International Symposium on Enhanced Electrochemical Capacitors, Jena, Germany**, 10-14 July 2017.
36. Karaca E, Pekmez Özçiçek N., Pekmez K., “The Synthesis and Supercapacitor Applications of Polypyrrole-Nickel Oxide Composite on Carbon Electrode”, **VII. Polymer Science & Technology Congress With International Participation**, Eskişehir, Turkey, September 2018, Oral Presentation
37. E.Karaca, Z. Ertekin, M. Ugur, N. Ö. Pekmez, K. Pekmez, "Characterization of Magnéli phase titanium suboxides thin films prepared by electrodeposition technique", **International Materials Science and Nanotechnology For Next Generation conference (MSNG2018)**, Cappadocia, 4-8 October 2018, Poster Presentation
38. Karaca E, Pekmez Özçiçek N., Pekmez K., Electrodeposition of polypyrrole containing silver oxide on carbon electrode in acetonitrile for electrochemical supercapacitors, Nevşehir, **International Materials Science and Nanotechnology For Next Generation conference (MSNG2018)**, Cappadocia, Turkey, October 2018, Oral Presentation.
39. D. Özge Çolak, E.Karaca, M. Ugur, K. Pekmez, N. Ö. Pekmez, "Corrosion Inhibition of Copper and Brass Alloy in 1% NaCl and 3% HCl Solutions by Bis- Benzimidazole", **XV International Corrosion Symposium (KORSEM'18)**, Hatay, 26 September 2018, Poster Presentation
40. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K, One-step electrosynthesis of polypyrrole/PbOx composite in acetonitrile as supercapacitor electrode material, **Electrochemistry Conference 2019**, İstanbul, Turkey, September 2019, Oral Presentation.
41. Karaca E., Gokcen, D., U. Merve, Altıntaş Ö., Pekmez N.Ö., Pekmez K., Spectroscopic Characterization of Electrochemically Synthesized Polypyrrole Composites with Nano

Structured MnOx and PbOx, **15th Nanoscience and Nanotechnology Conference**, Antalya, Turkey, November 2019, Poster Presentation.

42. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Uğur M., Nanostructured Ag-Ag₂O - Encapsulated PPy Composites on Partially Exfoliated Graphite Electrode for Supercapacitor, **International Symposium of Advanced Lithium Batteries for Automobile Applications ABAA 12**, Ulm, Almanya, October 2019, Poster Presentation.

Ulusal Bilimsel Toplantılarda Sunulan ve Bildiri Kitabında Basılan Bildiriler

1. Yıldız A., Pekmez N., Arca M., Pekmez K., Electrooxidation of aniline in nonaqueous media, **8th National Chem. and Chem. Eng. Symp.**, İstanbul, Turkey, **1992**

2. Pekmez N., Pekmez K., Yıldız A., Electrooxidation of p-aminodiphenylamine in nonaqueous media, **8th National Chem. and Chem. Eng. Symp.**, İstanbul, Turkey, **1992**

3. Pekmez K., Pekmez N., Yıldız A., The effect of the salt on the polyaniline formation by electropolymerization, **8th National Chem. and Chem. Eng. Symp.**, İstanbul, Turkey, **1992**

4. Pekmez K., Pekmez N., Yıldız A., Polyaniline formation by electropolymerization in anhydrous perchloric acid acetonitrile media, **9th National Chem. and Chem. Eng. Symp.**, Trabzon, Turkey, **1993**

5. Pekmez N., Pekmez K., Yıldız A., Electrochemical oxidation and reduction behavior of polyaniline film in acetonitrile, **9th National Chem. and Chem. Eng. Symp.**, Trabzon, Turkey, **1993**

6. Can M., Pekmez N., Pekmez K., Yıldız A. Electropolymerization of thiophene in acetonitrile, **10th National Chem. Symp.**, Bursa, Turkey, **1994**

7. Pekmez K., Ersöz A., Pekmez N., Yıldız A., Electrochemical oxidation of 3-aminoquinoline in acetonitrile, **10th National Chem. Symp.**, Bursa, Turkey, **1994**

8. Pekmez N., Pekmez K., Yıldız A., The effect of anhydrous Cu⁺ ions on the electropreparation of polyaniline in acetonitrile, **10th National Chem. Symp.**, Bursa, Turkey, **1994**

9. Can M., Pekmez K., Pekmez N., Yıldız A., Electrochemical stability of polythiophene and poly(3-methyl thiophene), **11th National Chem. Symp.**, Van, Turkey, **1997**

10. Pekmez N., Yıldız A., Electroreduction behavior of oxygen and 1-4,benzoquinone on polyaniline coated Pt electrode, **11th National Chern Symp.**, Van, Turkey, **1997**

11. Can M., Pekmez K., Pekmez N., Yıldız A., Electrochemical synthesis of aniline-thiophene copolymer, **11th National Chem. Symp.**, Van, Turkey, **1997**

12. Tamer U., Pekmez N., Pekmez K., Yıldız A., Determination of aluminum in haemodialysis concentrate by adsorptive stripping voltammetry, **XIII. National Chem. Symp.**, Samsun, Turkey, **1999**

13. Özçiçek Pekmez N., Pekmez K., Yıldız A., Conductivity measurements and spectrochemical investigations of thiophene-aniline copolymers, *IV. Electrochemistry Days*, Adana, Turkey, June **2003**
14. Yağan A., Özçiçek Pekmez N., Yıldız A., Electrodeposition of poly(N-methyl aniline) on mild steel: synthesis, characterization and corrosion protection, *IV. Electrochemistry Days*, Adana, Turkey, June **2003**
15. Veyisoğlu F., Şahin M., Özçiçek Pekmez N., Yıldız A., The effect of hydrogen bonding on the electroreduction behavior of aminobenzimidazoles, *IV. Electrochemistry Days*, Adana, Turkey, June **2003**
16. Yıldız A., Pekmez Ö. N., Modification of the properties of Conducting Polymers, *5th National Electrochemistry Days*, Samsun, Turkey, June **2004**
17. Yağan A., Pekmez Ö. N., Yıldız A., Yumuşak çelik üzerine korozyon önleyici poli(n-etilanilin) filminin elektrosentezi, *5. Elektrokimya Günleri*, Samsun, Türkiye, Haziran, **2004**
18. Kavanoz M., Pekmez Ö. N., Pekmez K., Özyörük H., Yıldız A., Electropolymerization of aniline in the presence of ferrocene in acetonitrile, *5th National Electrochemistry Days*, Samsun, Turkey, June **2004**
19. Yıldız A., Özçiçek Pekmez N., İletken polimerlerin özelliklerinin değiştirilmesi, *5. Elektrokimya Günleri*, Samsun, Türkiye, Haziran, **2004**
20. Yağan A., Özçiçek Pekmez N., Yıldız A., Corrosion behavior of poly(N-methylaniline) coated mild steel, *6th National Electrochemistry Days*, Eskişehir, Turkey, June 29- July 1, **2005**
21. Kavanoz M., Pekmez Özçiçek N., Pekmez K., Yıldız A., Electropolymerization of aniline in the presence of poly(vinylferrocene) in methylene chloride, *7th National Electrochemistry Days*, Hacettepe University, Ankara, Turkey, Haziran 28-30, **2006**
22. Yağan A., Özçiçek Pekmez N., Yıldız A., Poly(N-methylaniline) filmlerinin elektrokimyasal impedans spektroskopisi ile karakterizasyonu, *X. Ulusal Spektroskopi Kongresi*, Urla-İzmir, Türkiye, 04-07 Haziran, **2007**
23. Cıncıllı K., Karadaş N., Yağan A., Özçiçek Pekmez N., “Sulu ortamda bitiyofenin paslanmaz çelik üzerine elektropolimerleştirilmesi ve karakterizasyonu” *XXII. Ulusal Kimya Kongresi*, Mağusa, KKTC, 06-10 Ekim **2008**
24. Kavanoz M., Pekmez Özçiçek N., “Susuz ortamda sentezlenen polianilin ile modifiye edilmiş elektrot üzerinden hidrokinnon tayini, *XXII. Ulusal Kimya Kongresi*, Mağusa, KKTC, 06-10 Ekim **2008**
25. Zeybek B., Pekmez Özçiçek N., Kılıç E., Poli(o-fenilendiamin)in asetonitril-su karışımında elektrokimyasal sentezi, *XXII. Ulusal Kimya Kongresi*, Doğu Akdeniz Üniversitesi, Mağusa, KKTC, 06-10 Ekim **2008**

26. Koyuncu D., Zeybek B., Erden P. E., Pekmez N., Pekyardımcı Ş., Kılıç E., Fenolik Bileşiklerin Tayini için Amperometrik Enzim Elektrot Hazırlanmasında Poli(o-Fenilendiamin) Filminin Kullanımı, **XXII. Ulusal Kimya Kongresi**, Doğu Akdeniz Üniversitesi, Mağusa, KKTC, 06-10 Ekim **2008**

27. Kavanoz M., Pekmez Özçiçek N., Susuz asetonitril ve metilen klorür ortamında sentezlenen polianilin ile katekol tayini, **5. Ulusal Analitik Kimya Kongresi**, Atatürk Üniversitesi, Erzurum, Türkiye, 21-25 Haziran **2010**

28. Şen M., Kavanoz M., Pekmez Özçiçek N., Susuz metilen klorür ortamında sentezlenen polianilin ile adrenalın tayini, **5. Ulusal Analitik Kimya Kongresi**, Atatürk Üniversitesi, Erzurum, Turkey, June 21-25, **2010**

29. Kadir PEKMEZ, Nuran ÖZÇİÇEK PEKMEZ, Erhan KARACA, Ahmet ALTINAY, Zeliha ERTEKİN, Hakan SARIARSLAN, “Elektrokimyasal Malzeme Mühendisliğinde Uygulamalar”, **ASELSAN 2. Malzeme Teknolojileri Çalıştayı**, Ankara, 7-8 November, 2016

30. Karaca E., Gokcen, D., Uğur M., Altıntaş Ö., Pekmez N.Ö., Pekmez K., Elektrokimyasal olarak Sentezlenen Polipirol/FeO_x Kompozitinin Spektroskopik Karakterizasyonu, **XVI Ulusal Spektroskopi Kongresi**, Ankara, Turkey, November 2019, Poster Presentation.

31. Karaca E., Gokcen, D., Uğur M., Altıntaş Ö., Pekmez N.Ö., Pekmez K., Nano-boyutlu CoO_x içeren Polipirol Kompozitinin Spektroskopik Karakterizasyonu, **XVI Ulusal Spektroskopi Kongresi**, Ankara, Turkey, November 2019, Poster Presentation

Yazılan Kitaplar veya Kitaplarda Bölümler

1. Analitik Kimya Laboratuvarı Nitel Analiz Uygulamaları, G. Özyörük, B. Salih, E. Gökoğlu, N. Pekmez H. Ü, Mühendislik Fakültesi Ders Teksirleri No: 30, 2. baskı 2004 (1. baskı 1994),

Projeler ve üretilen yayınlar

1. Yıldız A., Arca M., Pekmez K., Pekmez N., İletken polimerlerin elektrokimyasal sentezi, katkılanması ve özelliklerinin araştırılması, **TÜBİTAK, TBAG-963**, Ağustos **1993**

a. Pekmez N., Pekmez K., Yıldız A., The electrooxidation of p-aminodiphenylamine in acetonitrile, **J. of Electroanalytical Chemistry**, 348 (1-2): 389-398, **1993**

b. Pekmez N., Pekmez K., Arca M., Yıldız A., The effect of monomer and acid concentrations on electrochemical polyaniline formation in acetonitrile, **J. of Electroanalytical Chemistry**, 353 (1-2): 237-246, **1993**

c. Pekmez N., Pekmez K., Yıldız A., Electrochemical behavior of polyaniline films in acetonitrile, **J. of Electroanalytical Chemistry**, 370 (1-2): 223-229, **1994**

2. Pekmez K., Pekmez N., Can M., Susuz ortamda, polianilin, politiyofen iletken polimerleriyle, anilin-tiyofen kopolimerlerinin elektropolimerizasyonla eldesi ve

elektrokimyasal özelliklerinin incelenmesi, **Hacettepe Ü. Araştırma Fonu Projesi**, Proje No: 94-04, 007,017. Aralık **1996**

3. Anilin-tiyofen kopolimerizasyonunun spektroeletrokimyasal olarak incelenmesi, **TÜBİTAK-BAYG** Yurt dışı Doktora sonrası Araştırma Programı- NATO B2 Bursu Projesi, Technical University of Chemnitz, Germany, Temmuz-Şubat **1999**

a. Pekmez NO, Pekmez K. , Holze R. , Yıldız A., Increased stability of polythiophene in the presence of aniline in acetonitrile, **J. of Applied Polymer Science**, 89 (3): 862-866, **2003**

b. Pekmez NO, Pekmez K. , Holze R. , Yıldız A., Spectroelectrochemical investigation of aniline-thiophene copolymer in acetonitrile, **J. of Applied Polymer Science**, 90 (12): 3417-3423, **2003**

4. Pekmez Özçiçek N., Veyisoğlu F., Hidrojen bağının aromatik amino bileşiklerinin elektrokimyasal davranışı üzerine etkisi, **Hacettepe Ü. Araştırmalar Birimi Projesi**, Proje No: 0201601008, Mayıs **2005**

a. Veyisoğlu F., Şahin M., Pekmez NO, Can M., Yıldız A., The Effect of Hydrogen Bonding on The Electroreduction Behaviour of Aminobenzimidazoles, **Acta Chimica Slovenica**, 51 (3): 483-494, **2004**

b. Pekmez NO, Can M., Yıldız A., Spectroscopic and electrochemical observation on hydrogen bonded 2-aminoimidazole clusters, **Acta Chimica Slovenica**, 54 (1): 131-139, **2007**

5. Pekmez K., Yıldız A., Özyörük H., Pekmez Özçiçek N., İletken polimerler, redoks polimerleri ve bunların kompozitlerinin elektrokimyasal yolla sentezi ve uygulamaları, **Hacettepe Ü. Araştırmalar Birimi GÜdümlü Projesi**, Proje No: 03 G 081, Mart **2006**

a. Yağan A., Pekmez NO, Yıldız A., Electropolymerization of poly(N-ethylaniline) on mild steel: synthesis, characterization and corrosion protection, **Electrochimica Acta**, 51 (14): 2949-2955, **2006**

b. Yağan A., Pekmez NO, Yıldız A., Electrodeposition of poly(N-methyl aniline) on mild steel: synthesis, Characterization and corrosion protection, **J. of Electroanalytical Chemistry**, 578 (2): 231-238, **2005**

6. Pekmez NO. Yağan A.,, Cınkıllı K., Karadaş K., Abacı E., Çelik üzerine anilin-tiyofen kopolimerinin ve kompozitlerinin elektropolimerleştirilmesi, karakterizasyonu ve korozyon performansı. **TÜBİTAK**, TBAG105T377, Kasım **2008**

a. Pekmez NO, Abacı E, Cınkıllı K, Yağan A., Polybithiophene and its bilayers with polyaniline coatings on stainless steel by electropolymerization in aqueous medium, **Progress in Organic Coatings**, 65: 462–468, **2009**

7. Pekmez NO, Kavanoz M., Şen M., Elektrokimyasal olarak sentezlenen polivinilferrosen/polianilin kompozit filmlerinden hazırlanan modifiye elektrotların in situ UV-Vis spektroskopik yöntemle karakterizasyonu ve fenolik bileşiklerin amperometrik tayini, **Hacettepe Ü. Araştırmalar Birimi Projesi**, No: 0801601011, Aralık **2011**

a. Kavanoz M., Pekmez N.Ö., Poly(vinylferrocenium) perchlorate-polyaniline composite film-coated electrode for amperometric determination of hydroquinone, **Journal of Solid State Electrochemistry**, 16 (3): 1175-1186, **2012**

- b. Kavanoz M., Şen M., Özçiçek Pekmez N., Electrochemical preparation of poly(vinylferrocenium)-perchlorate- polyaniline composite-modified platinum electrode in methylene chloride, **Collection of Czechoslovak Chemical Communications**, 76 (12): 1855-1877, **2011**
- 8.** Pekmez NO, Karaca E, Enerji depolanması için tartarik asit katkılanmış polipirol bazlı süperkapasitör malzemelerinin sentezi, **Hacettepe Ü. Araştırmalar Birimi Projesi**, No: 01301601001, Şubat **2014**
- a. Karaca E., Pekmez N.Ö., Pekmez K., Galvanostatic deposition of polypyrrole in the presence of tartaric acid for electrochemical supercapacitor, **Electrochimica Acta**, 147: 545-556, **2014**
- 9.** Özçiçek Pekmez N., Teker Şen M., Karaca E., Aminofenil)benzimidazol lerin Sentezi, Elektropolimerizasyonu ve İletken Polimerlerin Monomerleri ile Kopolimerizasyonu, **Hacettepe Ü. Araştırmalar Birimi Projesi**, Proje No: 014D12601001, Aralık **2014**
- a. Teker M.Ş., Karaca E., Pekmez N.Ö., Tamer U., Pekmez K., An Enzyme-free H₂O₂ Sensor Based on Poly(2-Aminophenylbenzimidazole)/Gold Nanoparticles Coated Pencil Graphite Electrode, *Electroanalysis*, 31 (1): 75-82, 2019
- 10.** Özçiçek Pekmez N., Sariaslan H., Karaca E., “Yumuşak Çelik Üzerine Poli (3-Aminofenilboronik) asit ve Poli (3-Aminofenilboronik asit) Pirol Kopolimerinin Elektrosentezi Karakterizasyonu ve Korozyon Performansı”, **Hacettepe Ü. Araştırmalar Birimi Projesi**, Proje No: FHD-2016-10513, Aralık **2016**
- 11.** Özçiçek Pekmez N., Çolak Özge Deniz, Pirinç Alaşımlarının Sulu Çözeltilerdeki Korozyonunu Önelemede Bis-Benzimidazol, Benzimidazol ve İmidazol Bileşiklerinin İncelenmesi, **TÜBİTAK 2209A**, 2302,18 TL, Hacettepe Üniversitesi, Ankara, 10.2017-04.2018.
- 12.** Özçiçek Pekmez N., Karaca E., Enerji Depolanması İçin Elektrokimyasal Olarak Elde Edilen İletken Polimer-Metal Oksit Kompozit Elektrot Malzemeleri Kullanılarak Süperkapasitör Hazırlanması, KBAG 117Z340, 289.144,00 TL, **TÜBİTAK ARDEB 1001 – Bilimsel Ve Teknolojik Araştırma Projelerini Destekleme Programı**, Hacettepe Üniversitesi, Ankara, 07.2017-07.2019
- a. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Electrochemical synthesis of PPy composites with nanostructured MnOx, CoOx, NiOx, and FeOx in acetonitrile for supercapacitor applications, *Electrochimica Acta*, 2019
- b. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., One-step electrosynthesis of polypyrrole/PbOx composite in acetonitrile as supercapacitor electrode material, *Synthetic Metals*, 247: 255-267, 2019
- c. Karaca E., Pekmez N.Ö., Pekmez K., Electrosynthesis of polypyrrole-vanadium oxide composites on graphite electrode in acetonitrile in the presence of carboxymethyl cellulose for electrochemical supercapacitors, *Electrochimica Acta*, 273: 379-391, 2018

- d. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Electrochemical synthesis of PPy composites with nanostructured MnO_x, CoO_x, NiO_x, and FeO_x in acetonitrile for supercapacitor applications, **Electrochimica Acta**, 305, 502-513, 2019
- e. Karaca E., Gokcen, D., Pekmez N.Ö., Pekmez K., Galvanostatic synthesis of Nanostructured Ag-Ag₂O dispersed PPy Composite on Graphite Electrode for Supercapacitor Applications, **International Journal of Energy Research**, in press.

Ödüller, Burslar

1. 1999 yılı Hacettepe Üniversitesi Bilim Teşvik Ödülü (Elektrokimya Araştırma Grubu)
2. TÜBİTAK BAYG NATO B2 Bursu, Yurtdışı doktora sonrası Araştırma Bursu, 4 ay, 1999, Chemnitz Technical University, Germany