

# NEVİN ERK

## PROFESÖR



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### Öğrenim Durumu

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### Görevler

PROFESÖR 2002	ANKARA ÜNİVERSİTESİ/ECZACILIK FAKÜLTESİ/TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI)
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### Yönetilen Tezler

#### Yüksek Lisans

1. TOKER BERK, (2014). Olopatadin HCI içeren farmasötik preparatlarda analiz yöntemleri, Ankara Üniversitesi/Sağlık Bilimleri Enstitüsü/Analitik Kimya Anabilim Dalı
2. ÖZCAN GÖZDE, (2010). Bisoprolol fumarat ve hidroklorotiazit'in aynı anda spektrofotometrik yöntemler kullanılarak miktar tayini, Ankara Üniversitesi/Sağlık Bilimleri Enstitüsü/Analitik Kimya Anabilim Dalı
3. ÇİLOĞLU EMİNE, (2008). Risperidon içeren preparatlarda kantitatif analiz yöntemleri, Ankara Üniversitesi/Sağlık Bilimleri Enstitüsü/Analitik Kimya Anabilim Dalı
4. AVŞAR TOLGA, (2006). Moeksipril hidroklorür içeren farmasötik preparatlarda etkin madde miktar tayini için spektrofotometrik yöntemler, Ankara Üniversitesi/Sağlık Bilimleri Enstitüsü/Analitik Kimya Anabilim Dalı

5. ÇİÇEK ENGİN, (2006). Rizatriptan ve zolmitriptan içeren preparatlardaki etkin madde miktar tayinleri, Ankara Üniversitesi/Sağlık Bilimleri Enstitüsü/Analitik Kimya Anabilim Dalı

## İdari Görevler

Anabilim Dalı Başkanı  
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## Eserler

### Uluslararası hakemli dergilerde yayımlanan makaleler:

1. Sevim Serpil, ERK NEVİN (2015). Applications of high performance liquid chromatographic and spectrophotometric techniques for determination of rasagiline mesylate in dosage forms. *Journal of Analytical Chemistry*, 70(5), 600-607., Doi: 10.1134/S1061934815050135 (Yayın No: 2040485)
2. ER ENGİN, ÇELİKKAN HÜSEYİN, ERK NEVİN, AKSU MEHMET LEVENT (2015). A new generation electrochemical sensor based on Graphene nanosheets/Gold nanoparticles/Nafion nanocomposite for determination of Silodosin. *Electrochimica Acta*, 157, 252-257., Doi: 10.1016/j.electacta.2015.01.020 (Yayın No: 2169254)
3. ER ENGİN, ÇELİKKAN HÜSEYİN, AKSU MEHMET LEVENT, ERK NEVİN (2015). A novel and highly sensitive electrochemical sensor based on a high-quality modified graphene electrode for the determination of hydrochlorothiazide in pharmaceutical formulations and human plasma. *Anal. Methods*, 7(21), 9254-9260., Doi: 10.1039/c5ay01980j (Yayın No: 2035855)
4. ÖZTÜRK FUNDA, TAŞDEMİR İBRAHİM HÜDAİ, ALTINÖZ ERDOĞAN DENİZ, ERK NEVİN, KILIÇ ESMA (2011). A New Voltammetric Method for the Determination of Lercanidipine in Biological Samples. *ACTA CHIMICA SLOVENICA*, 58, 830-839. (Yayın No: 2126837)
5. TAŞDEMİR İBRAHİM HÜDAİ, AKAY MEHMET ABDULKADİR, ERK NEVİN, KILIÇ ESMA (2010). Voltammetric Behavior of Telmisartan and Cathodic Adsorptive Stripping Voltammetric Method for Its Assay in Pharmaceutical Dosage Forms and Biological Fluids. *Electroanalysis*, 22(17-18), 2101-2109., Doi: 10.1002/elan.201000100 (Yayın No: 2127183)
6. ERK NEVİN (2009). A Validated HPLC Method for the Determination of the Neuraminidase Inhibitor, Zanamivir (GG167), in Spiked Human Plasma and in Pharmaceutical Formulations. *Journal of Liquid Chromatography & Related Technologies*, 27(10), 1541-1552., Doi: 10.1081/JLC-120034090 (Yayın No: 2127349)
7. ALTUNTAŞ DİNLENÇ TUNCAGÜL, ERK NEVİN (2007). Liquid Chromatographic Determination of Atorvastatin in Bulk Drug, Tablets, and Human Plasma. *Journal of Liquid Chromatography & Related Technologies*, 27(1), 83-93., Doi: 10.1081/JLC-120027087 (Yayın No: 2271440)
8. ERK NEVİN, ONUR FEYYAZ (2006). Simultaneous Determination of Analgin and Paracetamol in Tablets by Spectrophotometric Methods. *Analytical Letters*, 30(6), 1201-1210., Doi: 10.1080/00032719708004049 (Yayın No: 2168372)
9. ERK NEVİN (2004). Voltammetric behaviour and determination of moxifloxacin in pharmaceutical products and human plasma. *Analytical and Bioanalytical Chemistry*, 378(5), 1351-1356., Doi: 10.1007/s00216-003-2427-7 (Yayın No: 2270881)
10. ERK NEVİN (2004). Derivative-differential UV spectrophotometry and compensation technique for the simultaneous determination of zidovudine and lamivudine in human serum. *PHARMAZIE*, 59(2), 106-111. (Yayın No: 2127750)
11. ERK NEVİN (2004). Development of Electrochemical Methods for Determination of Atorvastatin and Analytical Application to Pharmaceutical Products and Spiked Human Plasma. *Critical Reviews in Analytical Chemistry*, 34(1), 1-7., Doi: 10.1080/10408340490273717 (Yayın No: 2127495)
12. ERK NEVİN (2003). Differential pulse anodic voltammetric determination of pantoprazole in pharmaceutical dosage forms and human plasma using glassy carbon electrode. *Analytical Biochemistry*, 323(1), 48-53., Doi: 10.1016/j.ab.2003.08.023 (Yayın No: 2153144)
13. ERK NEVİN (2003). Application of first derivative UV-spectrophotometry and ratio derivative spectrophotometry for the simultaneous determination of candesartan cilexetil and hydrochlorothiazide. *PHARMAZIE*, 58(11), 796-800. (Yayın No: 2153758)
14. ERK NEVİN, İNCİ BİRYOL (2003). Voltammetric and HPLC techniques for the determination of paroxetine hydrochloride. *PHARMAZIE*, 58(10), 699-704. (Yayın No: 2154903)
15. ERK NEVİN (2003). Three new spectrophotometric methods applied to the simultaneous determination of hydrochlorothiazide and irbesartan. *PHARMAZIE*, 58(8), 543-548. (Yayın No: 2166493)

## Uluslararası hakemli dergilerde yayımlanan makaleler:

16. ERK NEVİN (2003). Rapid and sensitive HPLC method for the simultaneous determination of dorzolamide hydrochloride and timolol maleate in eye drops with diode-array and UV detection. *PHARMAZIE*, 58(7), 491-493. (Yayın No: 2166600)
17. ERK NEVİN (2003). Simultaneous determination of irbesartan and hydrochlorothiazide in human plasma by liquid chromatography. *Journal of Chromatography B*, 784(1), 195-201., Doi: 10.1016/S1570-0232(02)00759-6 (Yayın No: 2166709)
18. İNCİ BİRYOL, ERK NEVİN (2003). Voltammetric, Spectrophotometric, and High Performance Liquid Chromatographic Analysis of Olanzapine. *Analytical Letters*, 36(11), 2497-2513., Doi: 10.1081/AL-120024338 (Yayın No: 2156078)
19. ŞENTÜRK ZÜHRE, ERK NEVİN, ÖZKAN SİBEL AYŞIL, AKAY CEMAL, CEVHEROĞLU ŞEMSETTİN (2002). Determination of theophylline and ephedrine HCL in tablets by ratio-spectra derivative spectrophotometry and LC. *Journal of Pharmaceutical and Biomedical Analysis*, 29(1-2), 291-298., Doi: 10.1016/S0731-7085(02)00065-1 (Yayın No: 2167133)
20. ERK NEVİN (2002). Simultaneous determination of dorzolamide HCL and timolol maleate in eye drops by two different spectroscopic methods. *Journal of Pharmaceutical and Biomedical Analysis*, 28(2), 391-397., Doi: 10.1016/S0731-7085(01)00627-6 (Yayın No: 2167192)
21. ERK NEVİN (2002). Simultaneous determination of fosinopril and hydrochlorothiazide in pharmaceutical formulations by spectrophotometric methods. *Journal of Pharmaceutical and Biomedical Analysis*, 27(6), 901-912., Doi: 10.1016/S0731-7085(01)00628-8 (Yayın No: 2167245)
22. ERK NEVİN (2001). DERIVATIVE RATIO SPECTROPHOTOMETRY AND DIFFERENTIAL DERIVATIVE SPECTROPHOTOMETRIC DETERMINATION OF ISONIAZID AND PYRIDOXINE HYDROCHLORIDE IN DOSAGE FORMS. *Spectroscopy Letters*, 34(6), 745-761., Doi: 10.1081/SL-100107897 (Yayın No: 2167320)
23. ERK NEVİN (2001). Comparison of spectrophotometric and an LC method for the determination perindopril and indapamide in pharmaceutical formulations. *Journal of Pharmaceutical and Biomedical Analysis*, 26(1), 43-52., Doi: 10.1016/S0731-7085(01)00388-0 (Yayın No: 2270763)
24. ERK NEVİN, ALTUN MEHMET LEVENT (2001). Spectrophotometric resolution of metronidazole and miconazole nitrate in ovules using ratio spectra derivative spectrophotometry and RP-LC. *Journal of Pharmaceutical and Biomedical Analysis*, 25(1), 115-122., Doi: 10.1016/S0731-7085(00)00485-4 (Yayın No: 2167436)
25. ERK NEVİN (2001). Analysis of binary mixtures of losartan potassium and hydrochlorothiazide by using high performance liquid chromatography, ratio derivative spectrophotometric and compensation technique. *Journal of Pharmaceutical and Biomedical Analysis*, 24(4), 603-611., Doi: 10.1016/S0731-7085(00)00434-9 (Yayın No: 2270422)
26. ERK NEVİN, ÖZKAN YALÇIN, BANOĞLU ERDEN, ÖZKAN SİBEL AYŞIL, ŞENTÜRK ZÜHRE (2001). Simultaneous determination of paracetamol and methocarbamol in tablets by ratio spectra derivative spectrophotometry and LC. *Journal of Pharmaceutical and Biomedical Analysis*, 24(3), 469-475., Doi: 10.1016/S0731-7085(00)00447-7 (Yayın No: 2167576)
27. ERK NEVİN (2000). Quantitative analysis of chlorpheniramine maleate and phenylephrine hydrochloride in nasal drops by differential-derivative spectrophotometric, zero-crossing first derivative UV spectrophotometric and absorbance ratio methods. *Journal of Pharmaceutical and Biomedical Analysis*, 23(6), 1023-1031., Doi: 10.1016/S0731-7085(00)00371-X (Yayın No: 2271888)
28. ÖZKAN SİBEL AYŞIL, ERK NEVİN, USLU BENGİ, YILMAZ NİYAZI, İNCİ BİRYOL (2000). Study on electrooxidation of cefadroxil monohydrate and its determination by differential pulse voltammetry. *Journal of Pharmaceutical and Biomedical Analysis*, 23(2-3), 263-273., Doi: 10.1016/S0731-7085(00)00294-6 (Yayın No: 2167888)
29. ERK NEVİN (1999). Determination of active ingredients in the pharmaceutical formulations containing hydrochlorothiazide and its binary mixtures with benazepril hydrochloride, triamterene and cilazapril by ratio spectra derivative spectrophotometry and vierordt's method. *Journal of Pharmaceutical and Biomedical Analysis*, 20(1-2), 155-167., Doi: 10.1016/S0731-7085(99)00009-6 (Yayın No: 2167940)
30. KARTAL MURAT, ERK NEVİN (1999). Simultaneous determination of hydrochlorothiazide and amiloride hydrochloride by ratio spectra derivative spectrophotometry and high-performance liquid chromatography. *Journal of Pharmaceutical and Biomedical Analysis*, 19(3-4), 477-485., Doi: 10.1016/S0731-7085(98)00241-6 (Yayın No: 2168018)
31. ÖZKAN SİBEL AYŞIL, ERK NEVİN, ŞENTÜRK ZÜHRE (1999). Simultaneous Determination of Two - Component Mixtures in Pharmaceutical Formulations Containing Chlordiazepoxide by Ratio Spectra Derivative Spectrophotometry. *Analytical Letters*, 32(3), 497-520., Doi: 10.1080/00032719908542836 (Yayın No: 2189810)

## Uluslararası hakemli dergilerde yayımlanan makaleler:

32. ERK NEVİN,ONUR FEYYAZ (1997). Three New Spectrophotometric Methods for Simultaneous Determination of Hydrochlorothiazide and Amiloride Hydrochloride in Sugar-Coated Tablets. *Analytical Letters*, 30(8), 1503-1515., Doi: 10.1080/00032719708001671 (Yayın No: 2168450)

## B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler :

1. TOKER BERK,ER ENGİN,ERK NEVİN (2015). Analytical methods for quantitative determination of Olopatadine hydrochloride in pharmaceutical preparation. 7th Black Sea Basin Conference on Analytical Chemistry (Poster)(Yayın No:2041473)
2. ER ENGİN,ERK NEVİN (2015). Spectrophotometric methods for the simultaneous estimation of ezetimibe and rosuvastatin in a binary mixture,. 7th Black Sea Basin Conference on Analytical Chemistry (Poster)(Yayın No:2041624)
3. ER ENGİN,ÇELİKKAN HÜSEYİN,ERK NEVİN (2015). The importance of graphene in electrochemical sensor applications and a novel graphene-based nanosensing material for the determination of nebulolol. Euroanalysis 2015 (Poster)(Yayın No:2041129)
4. ER ENGİN,ERK NEVİN (2015). A novel approach based on spectrofluorimetry for the determination of Silodosin in pharmaceutical dosage forms. Colloquium Spectroscopicum Internationale XXXIX (Poster)(Yayın No:2040972)

## Üniversite Dışı Deneyim

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