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Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakoloji (Dr), Turkey 2005 - 2009

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1999 - 2003

Academic Titles / Tasks

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2005 - 2012

Courses

Farmakoloji IV , Undergraduate, 2013 - 2014
Seminer, Postgraduate, 2013 - 2014, 2012 - 2013
Farmakoloji III, Undergraduate, 2013 - 2014, 2012 - 2013
Mezuniyet Projesi I, Undergraduate, 2013 - 2014, 2012 - 2013
Tez, Postgraduate, 2013 - 2014
Nörofarmakoloji, Undergraduate, 2013 - 2014
Nörohumoral İletişim, Postgraduate, 2013 - 2014, 2012 - 2013
Mezuniyet Projesi II , Undergraduate, 2013 - 2014
İyatrojenik Hastalıklar, Undergraduate, 2013 - 2014
Nörodejenereatif Hastalıklar, Postgraduate, 2013 - 2014
Uzmanlık Alan Dersi , Postgraduate, 2013 - 2014
Farmakoloji Uygulama, Undergraduate, 2013 - 2014
Klinik Eczacılık, Undergraduate, 2012 - 2013
Sinir Sistemine Giriş, Doctorate, 2012 - 2013
Farmakoloji, Undergraduate, 2012 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- Design and synthesis of novel dithiazole carboxylic acid Derivatives:<i> In</i><i> vivo</i> and<i> in</i><i> silico</i> investigation of their Anti-Inflammatory and analgesic effects
TURAN YÜCEL N., Asfour A. A. R., EVREN A. E., YAZICI C., KANDEMİR Ü., Özkay Ü., CAN Ö. D., YURTTAŞ L.
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- Catecholaminergic and Cholinergic Systems Mediate Beneficial Effect of Vortioxetine on Diabetes-Induced Neuropathic Pain**

TURAN YÜCEL N., KANDEMİR Ü., Ucel U. I., DEMİR ÖZKAY Ü., CAN Ö. D.

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- III. **SYNTHESIS AND ANTIDEPRESSANT-LIKE ACTIVITIES OF SOME PIPERIDINE DERIVATIVES: INVOLVEMENTS OF MONOAMINERGIC AND OPIOIDERGIC SYSTEMS**
Kaya C., TURAN YÜCEL N., Kandemir U., OSMANİYE D., CAN Ö. D., DEMİR ÖZKAY Ü.
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- IV. **Synthesis and Antinociceptive Effect of Some Thiazole-Piperazine Derivatives: Involvement of Opioidergic System in the Activity**
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TURAN YÜCEL N., Kandemir U., DEMİR ÖZKAY Ü., CAN Ö. D.
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- VI. **Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolyldiazine derivatives**
TURAN G., OSMANİYE D., SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., KAYA ÇAVUŞOĞLU B., DEMİR ÖZKAY Ü., ÖZKAY Y., KAPLANCIKLI Z. A.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.195, no.6, pp.491-497, 2020 (SCI-Expanded)
- VII. **Synthesis of new benzothiazole derivatives bearing thiadiazole as monoamine oxidase inhibitors**
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- VIII. **Catecholaminergic and opioidergic system mediated effects of reboxetine on diabetic neuropathic pain**
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- IX. **Antiamnesic effects of tofisopam against scopolamine-induced cognitive impairments in rats**
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- X. **Investigating the Antidepressant-like Effects of some Benzimidazolepiperidine Derivatives by *In-Vivo* Experimental Methods**
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- XI. **Synthesis of Novel Benzazole Derivatives and Evaluation of Their Antidepressant-Like Activities with Possible Underlying Mechanisms**
Tokgoz G., DEMİR ÖZKAY Ü., OSMANİYE D., TURAN YÜCEL N., CAN Ö. D., KAPLANCIKLI Z. A.
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- XII. **The Effect of Agomelatine Treatment on Diabetes-Induced Cognitive Impairments in Rats: Concomitant Alterations in the Hippocampal Neuron Numbers**
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- XIII. **Antihyperalgesic Activity of Atomoxetine on Diabetes-Induced Neuropathic Pain: Contribution of Noradrenergic and Dopaminergic Systems**
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- XIV. **Synthesis of Some Novel Thiadiazole Derivative Compounds and Screening Their Antidepressant-Like Activities**
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- XVI. **A benzothiazole/piperazine derivative with acetylcholinesterase inhibitory activity: Improvement in streptozotocin-induced cognitive deficits in rats**
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PHARMACOLOGICAL REPORTS, no.6, pp.1349-1356, 2017 (SCI-Expanded)
- XVII. **Antidepressant-like effect of gallic acid in mice: Dual involvement of serotonergic and catecholaminergic systems**
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- XVIII. **Synthesis and Antidepressant Activity Profile of Some Novel Benzothiazole Derivatives**
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- XIX. **Pharmacological and Toxicological Screening of Novel Benzimidazole-Morpholine Derivatives as Dual-Acting Inhibitors**
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- XX. **MAO enzymes inhibitory activity of new benzimidazole derivatives including hydrazone and propargyl side chains**
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- XXI. **Synthesis and antinociceptive activities of some novel benzimidazole-piperidine derivatives**
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TURKISH JOURNAL OF CHEMISTRY, no.5, pp.672-684, 2017 (SCI-Expanded)
- XXII. **Anticholinesterase activity screening of some novel dithiocarbamate derivatives including piperidine and piperazine moieties**
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- XXIV. **Design, synthesis, and AChE inhibitory activity of new benzothiazole-piperazines**
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- XXV. **Synthesis and Evaluation of New 1,3,4-Thiadiazole Derivatives as Antinociceptive Agents**
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- XXVI. **Evidence for neurotoxicity associated with amoxicillin in juvenile rats**
Atli O., Demir-Ozkay Ü., Ilgin S., Aydin T. H., Akbulut E. N., ŞENER E.
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- XXVII. **Synthesis and anti-nociceptive, anti-inflammatory activities of new aroyl propionic acid derivatives including N-acylhydrazone motif**
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- XXVIII. **Effects of long-term agomelatine treatment on the cognitive performance and hippocampal plasticity**

of adult rats

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BEHAVIOURAL PHARMACOLOGY, no.5, pp.469-480, 2015 (SCI-Expanded)

- XXIX. **Antihyperalgesic and antiallodynic effects of mianserin on diabetic neuropathic pain: A study on mechanism of action**
Üçel U. I., CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
European Journal of Pharmacology, vol.756, pp.92-106, 2015 (SCI-Expanded)
- XXX. **Synthesis and Evaluation of New 1,5-Diaryl-3-[4-(methyl-sulfonyl)phenyl]-4,5-dihydro-1*H*-pyrazole Derivatives as Potential Antidepressant Agents**
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SAĞLIK B. N., ÖZKAY Y., DEMİR ÖZKAY Ü., Gencer H.
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- XXXII. **Anti-nociceptive effect of vitexin mediated by the opioid system in mice**
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- XXXIII. **Synthesis of new 1-phenyl-2-(4-substituted-piperazin-1-yl)-propanol derivatives and evaluation of their antidepressant-like effects**
DEMİR ÖZKAY Ü., YURTTAŞ L., ÖZKAY Y., Ucel U. I., CAN Ö. D., ÖZTÜRK Y.
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- XXXIV. **Anti-depressant-like effect of vitexin in BALB/c mice and evidence for the involvement of monoaminergic mechanisms**
CAN Ö. D., DEMİR ÖZKAY Ü., Ucel U. I.
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- XXXV. **Effects of Hypericum montbretti Extract on the Central Nervous System and Involvement of GABA (A)/Benzodiazepine Receptors in its Pharmacological Activity**
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- XXXVI. **The effect of simvastatin treatment on behavioral parameters, cognitive performance, and hippocampal morphology in rats fed a standard or a high-fat diet**
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- XXXVII. **Effect of benzothiazole/piperazine derivatives on intracerebroventricular streptozotocin-induced cognitive deficits**
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- XXXIX. **Synthesis of thiadiazole derivatives bearing hydrazone moieties and evaluation of their pharmacological effects on anxiety, depression, and nociception parameters in mice**
CAN Ö. D., ALTINTOP M. D., DEMİR ÖZKAY Ü., Ucel U. I., Dogruer B., KAPLANCIKLI Z. A.
ARCHIVES OF PHARMACAL RESEARCH, vol.35, no.4, pp.659-669, 2012 (SCI-Expanded)
- XL. **Psychopharmacological profile of Chamomile (Matricaria recutita L.) essential oil in mice**
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- XLI. **Effects of Insulin and St. John's Wort Treatments on Anxiety, Locomotory Activity, Depression, and Active Learning Parameters of Streptozotocin-Diabetic Rats**
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- XLIII. **Effects of hawthorn seed and pulp extracts on the central nervous system**
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PHARMACEUTICAL BIOLOGY, no.8, pp.924-931, 2010 (SCI-Expanded)
- XLIV. **Effects of Some 1,3,5-Trisubstitued-2-pyrazoline Derivatives on Depression and Anxiety Parameters of Mice**
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- XLV. **A Natural Antidepressant: *Hypericum Perforatum* L.: Review**
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- I. **Effects of Prenatal and Lactational Vortioxetine Exposure on Emotional States, Motor Activities and Cognitive Performances of Offspring**
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- II. **Effect of Reboxetine Treatment on BDNF, Synaptophysin, and PSD-95 Levels in the Spinal Dorsal Horn of Rats with Diabetic Neuropathy**
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- III. **BENEFICIAL EFFECTS OF REBOXETINE ON IMPAIRED BEHAVIORAL PARAMETERS OF DIABETIC RATS**
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- IV. **TOFİSOPAM'IN OPİOİDERJİK SİSTEM ARACILIKLI ANTİNOSİSEPTİF ETKİNLİĞİ**
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- V. **Benzotiyazol Halkası Taşıyan Bazı Bileşiklerin Antinosiseptif ve Anksiyolitik-Benzeri Etkileri**
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- I. **LINALOOL REDUCES THERMAL STIMULUS-INDUCED ABNORMALITIES IN THE PAIN SENSATION OF RATS WITH DIABETES**
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- II. **ANTI-INFLAMMATORY EFFECT OF SYRINGIC ACID: IN VIVO AND INSILICO RESULTS**
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- III. **ANTIDEPRESSANT-LIKE EFFECTS OF NEW THIADIAZOLE DERIVATIVES**
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- IV. **Anxiolytic-like effects of some piperidine derivative compounds containing benzimidazole ring in their structure**
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- V. **Serotonergic system-mediated anxiolytic-like effects of myricetin**
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- VI. **Effect of reboxetine treatment on the neuroanatomical and immunohistochemical changes in diabetes at spinal level**
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- VIII. **Catecholaminergic and opioidergic systems mediate the acute antinociceptive effect of tofisopam in mice**
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- XII. **Antinociceptive effects of vortioxetine via 5HT1A serotonergic and α -adrenergic receptors**
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- XIII. **The effects of reboxetine on diabetes-induced cognitive impairments**
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- XIV. **Antidepressant-like activity of some thiazole-piperazine derivatives**
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- XV. **Opioid receptor subtypes mediating the supraspinal antinociceptive effect of tofisopam**
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- XVII. **The Effect of Tianeptine Therapy on Allodynia Developing in Rats With Experimental Diabetic Neuropathy**
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- XVIII. **Evaluating the Antidepressant-like and Anxiolytic-like Effects of Some 1,3,4-Thiadiazole Based Compounds**
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TURAN N., Kandemir Ü., DEMİR ÖZKAY Ü., CAN Ö. D.
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