

Personal Information

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Education Information

Expertise In Medicine, Çukurova Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1993 - 1996

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Medicine, Human Physiology

Academic Titles / Tasks

Associate Professor, Kocaeli Üniversitesi, Tıp Fakültesi, 2014 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **The Effects of Neonatal Caffeine Administration on Absence Epilepsy and Brain Tissue Membranes on Adult Wistar - Albino -Glaxo Rijswijk (Wag/Rij) Rats**
Dogan Z. I. , İLBAY G., Kaya S. T. , Balikci A., ATEŞ N.
ACTA PHYSIOLOGICA, vol.225, pp.20, 2018 (Journal Indexed in SCI)
- **The Effects of Neonatal Tactile Stimulation and Deep Touch Pressure on Absence Epilepsy and Comorbid Depression Like Behaviors in Adult Wistar-Albino-Glaxo Rijswijk (Wag/Rij) Rats**
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- **Side-Effects of Convulsive Seizures and Anti-Seizure Therapy on Bone in a Rat Model of Epilepsy**
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- **Prevention of Epineural Fibrosis in Rats by Local Administration of Mitomycin C or Daunorubicin**
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- **Epileptic seizures induce structural and functional alterations on brain tissue membranes**
Turker S., Severcan M., İLBAY G., Severcan F.
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, vol.1838, pp.3088-3096, 2014 (Journal Indexed in SCI)
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- **Effect of pentylenetetrazole and sound stimulation induced single and repeated convulsive seizures on the MDA, GSH and NO levels, and SOD activities in rat liver and kidney tissues**
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- **Diagnosis of Airway Obstruction or Restrictive Spirometric Patterns by Multiclass Support Vector Machines**
ŞAHİN D., Ubeyli E. D. , İLBAY G., Sahin M., Yasar A. B.
JOURNAL OF MEDICAL SYSTEMS, vol.34, pp.967-973, 2010 (Journal Indexed in SCI)
- **Recurrent Neural Networks for Diagnosis of Carpal Tunnel Syndrome Using Electrophysiologic Findings**
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- **Differentiation of Two Subtypes of Adult Hydrocephalus by Mixture of Experts**
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- **Vagus Nerve Stimulation Suppresses Generalized Seizure Activity and Seizure-Triggered Postictal Cardiac Rhythm Changes in Rats**
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- **Immunocytochemistry of neuron specific enolase (NSE) in the rat brain after single and repeated epileptic seizures**
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- **Effects of the adenosinergic neuromodulatory system on absence epilepsy and cerebrovascular permeability**
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- **Topical application of mitomycin C prevents epineural scar formation in rats**
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- **Changes in the blood-brain barrier permeability and in the brain tissue trace element concentrations after single and repeated pentylenetetrazole-induced seizures in rats**
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- **Light and Electron Microscopic Examinations in the Hippocampus of the Rat Brain Following PTZ Induced Epileptic Seizures. Journal of Applied Biological Sciences**

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- **Effects of granulocyte colony stimulating factor g csf on neutrophil phagocytosis during experimental obstructive jaundice**

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- **Effects of granulocyte colony-stimulating factor (g-csf) on neutrophil phagocytosis during experimental obstructive jaundice.**

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- **SCIATALGIA CAUSED BY EPIDURAL AIR AFTER EXTRADURAL SPINAL MASS EXCISION: A CASE REPORT**

MALÇOK Ü. A. , ÇAKLILI M., İLBAY G., İLBAY M. K.

Servikal ve Torakal Dejenarif Omurga Sempozyumu, Turkey, 21 - 24 Eylül 2017

- **Investigation of Age-Related Effects of Absence Seziures: an FTIR study**

TÜRKER KAYA S., İLBAY G.

International Conference on Biochemistry and Molecular Biology, Munich, Germany, 3 - 05 Nisan 2017

- **The side-effects of convulsive epileptic seizures and Carbamazepine therapy on bone tissues of genetically-induced epileptic rats: An FTIR imaging and biomechanical study**

Garip S., EVİS Z., İLBAY G., Boskey A. L. , Severcan F.

Experimental Biology Meeting 2011, Washington, Kiribati, 9 - 13 April 2011, vol.25

- **Discrete Wavelet Transform for Analysis of Spike-Wave Discharges in Rats**

Uebeyli E. D. , İlbay G., ŞAHİN D., ATEŞ N.

30th Annual International Conference of the IEEE-Engineering-in-Medicine-and-Biology-Society, Vancouver, Canada, 20 - 24 August 2008, pp.4680-4681

- **The investigation of early molecular consequences of chemically induced epileptic activity**

Gorgulu S. T. , Kara N., Gunes Z., Ates N., İlbay G., Severcan F.

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Supported Projects

İLBAY G., Project Supported by Higher Education Institutions, NEONATAL DÖNEMDE KAFEİN UYGULANIMININ NÖBET MODELLERİNDE DAVRANIŞSAL, ELEKTROENSEFALOGRAFİK, NÖROANATOMİK ETKİLERİNİN ARAŞTIRILMASI, 2017 - 2018

İLBAY G., Project Supported by Higher Education Institutions, Normal ve epilepsili sıçanlarda taktıl uyarıların nöroanatomik, davranışsal ve elektrofizyolojik etkilerinin araştırılması, 2014 - 2016

Citations

Total Citations (WOS):296

h-index (WOS):12