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Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Neurology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Targeted delivery of lacosamide-conjugated gold nanoparticles into the brain in temporal lobe epilepsy in rats**
Yilmaz C. U., EMİK S., Orhan N., Temizyurek A., Atis M., Akcan U., Khodadust R., Arican N., Kucuk M., Gurses C., et al.
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- II. **Relationship Between Sleep Characteristics and Sudden Unexplained Death Risk in Epilepsy**
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- III. **Impact of seizure-related injuries on quality of life**
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- IV. **The Effects of Lipopolysaccharide on the Disrupted Blood-Brain Barrier in a Rat Model of Preeclampsia**
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- V. **Status Epilepticus and Multiple Sclerosis: A Case Presentation and Literature Review**
Atmaca M. M., Gurses C.
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- VI. **Investigation of the Video-EEG Findings and Clinical Data in Patients Diagnosed With Epilepsy and Psychosis**
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- VIII. **Stereotyped high-frequency oscillations discriminate seizure onset zones and critical functional cortex in focal epilepsy**
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- IX. **Genital automatisms: Reappraisal of a remarkable but ignored symptom of focal seizures**

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- X. **Characterization of Hand Clenching in Human Sensorimotor Cortex Using High-, and Ultra-High Frequency Band Modulations of Electrocorticogram.**
Jiang T., Liu S., Pellizzer G., Aydoseli A., Karamursel S., Sabanci P. A., Sencer A., Gurses C., Ince N. F.
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- XI. **How Different Are the Patients With Bilateral Hippocampal Sclerosis From the Unilateral Ones Clinically?**
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- XII. **Teratogenicity of Antiepileptic Drugs.**
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- XIII. **Vagus Nerve Stimulation in Adults With Drug-Resistant Epilepsy: Efficacy, Adverse Effects and Outcomes**
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- XIV. **Attitudes towards epilepsy among a sample of Turkish patients with epilepsy**
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- XV. **Comparison of Cognitive Parameters Between Bilateral and Unilateral Hippocampal Sclerosis**
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- XVI. **Neuronal autoantibodies in mesial temporal lobe epilepsy with hippocampal sclerosis**
Vanli-Yavuz E. N., Erdag E., Tuzun E., Ekizoglu E., Baysal-Kirac L., Ulusoy C. A., Peach S., Gundogdu G., Sencer S., Sencer A., et al.
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- XVII. **Exploring the time-frequency content of high frequency oscillations for automated identification of seizure onset zone in epilepsy**
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- XVIII. **Reappraisal of epileptic pain as a rare symptom of seizures**
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- XIX. **Temporary and Permanent Magnetic Resonance Imaging Findings in Status Epilepticus: Case Series**
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- XX. **The Effects of Lipopolysaccharide on the Altered Blood-Brain Barrier Integrity in Experimental Preeclampsia in Rats**
Yilmaz C. U., Orhan N., Kucuk M., Ahishali B., Arican N., Elmas I., Gurses C., Cevik A., Kaya M.
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- XXI. **From Clinical Misdiagnosis to Electrophysiological Diagnosis: Two Male Asystole Cases**
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- XXII. **Mitochondrial DNA profiling via genomic analysis in mesial temporal lobe epilepsy patients with hippocampal sclerosis**
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- XXIV. **Clinical events in psychogenic non-epileptic seizures based on semiological seizure classification**
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- XXV. **Eye closure sensitivity in juvenile myoclonic epilepsy and its effect on prognosis**
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- XXVI. **Expression analysis and clinical correlation of aquaporin 1 and 4 genes in human hippocampal sclerosis**
Bebek N., Özdemir Ö., Sayitoglu M., Hatirnaz O., Baykan B., Gurses C., Sencer A., Karasu A., Tuzun E., UZUN I., et al.
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- XXVII. **Whole mitochondrial DNA variations in hippocampal surgical specimens and blood samples with high-throughput sequencing: a case of mesial temporal lobe epilepsy with hippocampal sclerosis.**
AZAKLI H., Gurses C., ARIKAN M., AYDOSELI A., ARAS Y., SENCER A., GOKYIGIT A. Z., BILGIC B., USTEK D.
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- XXVIII. **Topiramate reduces blood-brain barrier disruption and inhibits seizure activity in hyperthermia-induced seizures in rats with Cortical Dysplasia.**
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- XXIX. **Using personality disorders to distinguish between patients with psychogenic nonepileptic seizures and those with epileptic seizures**
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- XXX. **Pathophysiological Mechanisms of Dominant and Recessive GLRA1 Mutations in Hyperekplexia**
Chung S., Vanbellinghen J., Mullins J. G. L., Robinson A., Hantke J., Hammond C. L., Gilbert D. F., Freilinger M., Ryan M., Kruer M. C., et al.
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- XXXI. **Blood-brain barrier disturbances following hyperthermia in rats with cortical dysplasia**
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- XXXII. **CD46 expression is decreased in subacute sclerosing panencephalitis patients**
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- XXXIII. **Epilepsy prevalence in a rural area in Istanbul**
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- I. **Knowledge and Attitudes Toward Epilepsy Among Students of Health Occupations in a University**
Yeni K., Tulek Z., Bebek N., Cavusoglu A., Guven H., Simsek N., Yurtsven A., Kubas M., Baykan B., Yeni N., et al.
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- II. **Persistent Genital Arousal Disorder Following Right Selective Hippocampectomy**
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- III. **Selective vulnerability for transcellular pathway of blood-brain barrier in acute and chronic phase**

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- VI. **EEG Findings in Patients with Rett Syndrome**
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- VII. **The Clinical and Electroencephalography Findings of Children with Pervasive Developmental Disorder**
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- VIII. **Following the 10th National Epilepsy Congress**
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- IX. **Investigation of Patients with Hippocampal Sclerosis Associated with Unusual Epileptic Activities**
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- XI. **Progressive Myoclonic Epilepsy and NEU1 Mutation: A Different Phenotypic Case**
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- XIII. **Anevrizmal Subaraknoid Kanama Hastalarında Beyin Ölümü Kararının Verilmesinde Elektro Ensefalografinin Önemi**
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- XIV. **Anevrizmal Subaraknoid Kanama Hastalarında Beyin Ölümü Kararının Verilmesinde Elektroensefalografinin Önemi.**
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- II. **Results of Video-EEG Monitorization in the Rats were Treated Kainic Acid in Acute Term**
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- IV. **İyi Klinik Uygulamalar Çerçevesinde Klinik Araştırma Eğitim Değerlendirmesi: İstanbul Tıp Fakültesi Tıbbi ve Klinik Farmakoloji Uygulamaları (INSAC-18-1112)(ISBN: 978-605-69062-0-6)**
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- V. **Blood-Brain Barrier Dynamics of Nanotechnological Drug Carriers in Animal Model of Temporal Lobe Epilepsy**
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- VI. **Nanotaşıyıcı bağlı anti epileptik ilacın temporal lob epilepsi hayvan modelinde gözlenen nöbetler ve kan-beyin bariyeri üzerine etkileri**
UĞUR YILMAZ C., ORHAN N., Temizyürek A., Atış M., Akcan U., Khodadost R., ARICAN N., KÜÇÜK M., GÜRSES R. C., AHISHALI B., et al.
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- VII. **Temporal Lob Epilepsi Hayvan Modelinde İlaç Bağlı Nanopartiküllerin Tedavi Düzeyi ve Kan-Beyin Bariyeri Dinamikleri**
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- VIII. **A functional connectivity analysis of patients with temporal lobe epilepsy with different propagation patterns**
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- IX. **Functional Connectivity in Temporal Lobe Epilepsy with Usual and Unusual Propagation Patterns**
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- X. **Knowledge and Attitudes Towards Epilepsy Among Students of Health Professions**
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- XII. **The effects of lipopolysachharide on the altered blood-brain barrier integriy in experimental preeclampsia in rats**
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- XIII. **Functional Connectivity Networks in Patients with Unilateral and Bilateral Temporal Lobe Epilepsy**

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- XIV. **Heart Rate Variability Changes and SUDEP in Treatment Resistant Epilepsy**
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- XVI. **Bir Üniversite Hastanesinin Epilepsi Polikliniğinde Takip Edilen Hastaların Epilepsiye Yönelik Tutumlarını Etkileyen Faktörler**
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- XVII. **Temporal lob epilepsili hastalarda elektrofizyolojik iktal paternler ve fmr g' de dinlenme durumu fonksiyonel bağlantısallık ağıları**
Sirin İnan N. G., KARAASLAN Z., İ., KURT E., Ulaşoğlu Yıldız Ç., Kıçık A., DEMİRALP T., GÜRSES R. C.
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- XVIII. **Unilateral ve bilateral temporal lob epilepsili hastalarda fonksiyonel bağlantısallık ağlarının araştırılması**
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- XIX. **Preeklampsi Sıçan Modelinde Yıkılan Kan-Beyin Bariyeri üzerine Liposakkaridin Etkileri**
UĞUR YILMAZ C., ORHAN N., KÜÇÜK M., AHISHALI B., ARICAN N., ELMAS İ., GÜRSES R. C., ÇEVİK A., KAYA M.
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- XX. **The Effects of Lipopolysachharide on The Altered Blood-Brain Barrier Integriy in Experimental Preeclampsia in Rats**
KÜÇÜK M., UĞUR YILMAZ C., ORHAN N., AHISHALI B., ARICAN N., ELMAS İ., GÜRSES R. C., ÇEVİK A., KAYA M.
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- XXII. **Detection of High Frequency Oscillations in Epilepsy with K-means Clustering Method**
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