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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**
Dede H. O., Bebek N., Akarsu E. O., Samancı B., Karbay M., Gurses C., Baykan-Baykal B., Karadeniz D., Gokyigit A.
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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**
Kucuk M., Yilmaz C. U., Orhan N., Ahishali B., Arican N., Elmas I., Gurses C., Kaya M.
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- V. **Status Epilepticus and Multiple Sclerosis: A Case Presentation and Literature Review**
Atmaca M. M., Gurses C.
CLINICAL EEG AND NEUROSCIENCE, vol.49, no.5, pp.328-334, 2018 (SCI-Expanded)
- VI. **Investigation of the Video-EEG Findings and Clinical Data in Patients Diagnosed With Epilepsy and Psychosis**
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- VII. **Clinical and electrophysiological findings in patients with phenylketonuria and epilepsy: Reflex features**
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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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- XIV. Attitudes towards epilepsy among a sample of Turkish patients with epilepsy
Yeni K., Tulek Z., Bebek N., Dede O., Gurses C., Baykan B., Gokyigit A.
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- XV. Comparison of Cognitive Parameters Between Bilateral and Unilateral Hippocampal Sclerosis
Vanli Yavuz E. N., Bilgic B., Matur Z., Bebek N., Gurses C., Gokyigit A., Oktem O., Baykan B.
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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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- XVIII. Reappraisal of epileptic pain as a rare symptom of seizures
Pazarci N. K., Bebek N., Baykan B., Gurses C., Gokyigit A.
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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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- XXV. Eye closure sensitivity in juvenile myoclonic epilepsy and its effect on prognosis**
Guveli B. T., Baykan B., Dortcan N., Bebek N., Gurses C., Gokyigit A.
SEIZURE-EUROPEAN JOURNAL OF EPILEPSY, vol.22, no.10, pp.867-871, 2013 (SCI-Expanded)
- 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., ÜSTEK 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., Krueger M. C., et al.
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- XXXI. Blood-brain barrier disturbances following hyperthermia in rats with cortical dysplasia**
GÜRSES R. C., KAYA M., Kalayci R., ARICAN N., AHİSHALI B., Ekizoglu O., ELMAS İ., ORHAN N., KÜÇÜK M., ÜSTEK D., et al.
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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**
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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**

- of the kainate model of temporal lobe epilepsy in rat**
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- V. A Detailed Evaluation of Centers that Use Video-Electroencephalogram Monitorization and Epilepsy Surgery in Turkey**
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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**
Ayta S., Gurses C., Bilgen Z. T., Kilincarslan A., Eraksoy M.
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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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- X. A RARE COMPLICATION AFTER REPAIRING TEMPORAL LOBE HERNIATION INTO MASTOID CAVITY: NON-CONVULSIVE STATUS EPILEPTICUS**
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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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- XV. Prevalence of Febrile Convulsions in a Group of Children Aged 0 to 9 Years in a Slum in İstanbul**
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- II. IgG Uygulanan Septik Sığanlarda İntranöronal Kapiller.
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- III. Results of Video-EEG Monitorization in the Rats were Treated Kainic Acid in Acute Term
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- IV. İyi Klinik Uygulamalar Çerçeveşinde Klinik Araştırma Eğitim Değerlendirmesi: İstanbul Tıp Fakültesi
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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 ilacin 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.,
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- VII. Temporal Lob Epilepsi Hayvan Modelinde İlaç Bağlı Nanopartiküllerin Tedavi Düzeyi ve Kan-Beyin Bariyeri Dinamikleri
UĞUR YILMAZ C., Temizyürek A., ORHAN N., Atış M., Akcan U., Khodadost R., ARICAN N., KÜÇÜK M., GÜRSES R. C.,
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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
KAYA M., UĞUR YILMAZ C., ORHAN N., KÜÇÜK M., ARICAN N., AHİSHALI B., ELMAS İ., GÜRSES R. C.
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- XIV. **Heart Rate Variability Changes and SUDEP in Treatment Resistant Epilepsy**
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vol.86
- XVI. **Temporal lob epilepsili hastalarda elektrofizyolojik iktal paternler ve fmrg'de dinlenim durumu fonksiyonel bağlantısallık ağları**
Sırın İnan N. G., KARAASLAN Z., İ., KURT E., Ulaşoğlu Yıldız Ç., Küçük A., DEMİRALP T., GÜRSES R. C.
51. Ulusal Nöroloji Kongresi, Antalya, Turkey, 27 November - 03 December 2015, pp.1
- XVII. **Bir Üniversite Hastanesinin Epilepsi Polikliniğinde Takip Edilen Hastaların Epilepsiye Yönelik Tutumlarını Etkileyen Faktörler**
YENİ K., TÜLEK Z., BEBEK N., DEDE H. Ö., GÜRSES R. C., BAYKAL B., GÖKYİĞİT A. Z.
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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 Liposakkardin Etkileri**
UĞUR YILMAZ C., ORHAN N., KÜÇÜK M., AHİSHALI B., ARİCAN N., ELMAS İ., GÜRSES R. C., ÇEVİK A., KAYA M.
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- XX. **The Effects of Lipopolysaccharide on the Altered Blood Brain Barrier Integrity in Experimental Preeclampsia in Rats**
KÜÇÜK M., UĞUR YILMAZ C., ORHAN N., AHİSHALI B., ARİCAN N., ELMAS İ., GÜRSES R. C., ÇEVİK A., KAYA M.
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- XXI. **The Effects of Lipopolysachharide on The Altered Blood-Brain Barrier Integriy in Experimental Preeclampsia in Rats**
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- XXII. **Detection of High Frequency Oscillations in Epilepsy with K-means Clustering Method**
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Metrics

Publication: 127
Citation (WoS): 536
Citation (Scopus): 637
H-Index (WoS): 14
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