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Education Information

Doctorate, İstanbul Üniversitesi, Sağlık Bilimleri Enstitüsü, Turkey 2011 - Continues

Expertise In Medicine, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Beyin Ve Sinir Cerrahisi Anabilim Dalı, Turkey 2002 - 2007

Undergraduate, Marmara Üniversitesi, Tıp Fakültesi, Turkey 1994 - 2001

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, IN UTERIN DÖNEMDE RADYASYONA MARUZ BIRAKILARAK KORTİKAL DİSGENEZİS OLUŞTURULAN SIÇANLARIN HİPOKAMPAL HÜCRELERİNDE HCN1 VE HCN2 GEN EKSPRESYONUNUN İNCELENMESİ, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Beyin Ve Sinir Cerrahisi Anabilim Dalı, 2007

Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Nervous System Surgery

Academic Titles / Tasks

Associate Professor, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department Of Surgical Medical Sciences, 2015 - Continues

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

- I. **A novel insight into differential expression profiles of sporadic cerebral cavernous malformation patients with different symptoms**
Gozel H. E. , Kok K., ÖZLEN F., İŞLER C., PENÇE S.
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (Journal Indexed in SCI)
- II. **Evaluation of Ideal Extent of Corpus Callosotomy Based on the Location of Intracallosal Motor Fibers**
KÜÇÜKYÜRÜK B., Uzan M., Avyasov R., Tahmazoglu B., Isler C., Sanus G. Z. , Tanriover N.
World Neurosurgery, vol.144, 2020 (Journal Indexed in SCI Expanded)

- III. **Ultrastructural investigation of synaptic alterations in the rat hippocampus after irradiation and hyperthermia**
ERKANLI ŞENTÜRK G., KAYA Ö. T. , ŞİRVANCI S., İŞLER C., KEMERDERE R., ULU M. O. , Umay C., Onat F., ÖZKARA Ç., UZAN M., et al.
ULTRASTRUCTURAL PATHOLOGY, 2020 (Journal Indexed in SCI)
- IV. **C6-T1 Intradural Extramedullary Ventral Meningeal Melanocytoma Resected Via Anterior Corpectomy with Reconstruction**
AKGÜN M. Y. , İŞLER C., ULU M. O.
WORLD NEUROSURGERY, vol.138, pp.457-460, 2020 (Journal Indexed in SCI)
- V. **The diagnostic value of quantitative texture analysis of conventional MRI sequences using artificial neural networks in grading gliomas**
Alis D., Bagcilar O., Senli Y. D. , İŞLER C., Yergin M., Kocer N., Islak C., Kizilkilic O.
Clinical Radiology, vol.75, no.5, pp.351-357, 2020 (Journal Indexed in SCI Expanded)
- VI. **Immediate versus delayed primary repair of the sciatic nerve in a nerve transaction model in rats**
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ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.26, no.3, pp.361-365, 2020 (Journal Indexed in SCI)
- VII. **Surgical management of spinal intramedullary tumors: Ten-year experience in a single institution**
Alizada O., Kemerdere R., Ulu M., Akgun M., Isler C., Kizilkilic O., Hanci M.
Journal of Clinical Neuroscience, vol.73, pp.201-208, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Machine learning-based quantitative texture analysis of conventional MRI combined with ADC maps for assessment of IDH1 mutation in high-grade gliomas**
Alis D., Bagcilar O., Senli Y. D. , Yergin M., İŞLER C., Kocer N., Islak C., Kizilkilic O.
Japanese Journal of Radiology, vol.38, no.2, pp.135-143, 2020 (Journal Indexed in SCI Expanded)
- IX. **Spinal Vascular Malformations: Treatment and Outcome**
AKGÜN M. Y. , KEMERDERE R., ULU M. O. , ALIZADA O., İŞLER C., KIZILKILIÇ O., İŞLAK C., Hanci M.
WORLD NEUROSURGERY, vol.130, 2019 (Journal Indexed in SCI)
- X. **Microsurgical anatomy of the subthalamic nucleus: correlating fiber dissection results with 3-T magnetic resonance imaging using neuronavigation**
Gungor A., Baydin S. S. , Holanda V. M. , Middlebrooks E. H. , Isler C., Tugcu B., Foote K., Tanriover N.
JOURNAL OF NEUROSURGERY, vol.130, no.3, pp.716-732, 2019 (Journal Indexed in SCI)
- XI. **An Exceptional Neurosurgical Presentation of a Patient with Osteopetrosis**
Isler C., Kayhan A., Ugurlar D., Hanimoglu H., Ulu M. O. , Uzan M., Erdinçler P., Ozlen F.
WORLD NEUROSURGERY, vol.119, pp.25-29, 2018 (Journal Indexed in SCI)
- XII. **Dysembryoplastic neuroepithelial tumours: clinical, radiological, pathological features and outcome**
Isler C., Cetin O. E. , Ugurlar D., Ozkara C., Comunoglu N., Kizilkilic O., Oz B., Kayadibi Y., Tanriverdi T., Uzan M.
British Journal of Neurosurgery, vol.32, no.4, pp.436-441, 2018 (Journal Indexed in SCI Expanded)
- XIII. **Intrathecal gadolinium-enhanced MR cisternography in patients with otorhinorrhea: 10-year experience of a tertiary referral center**
Dogan S. N. , Kizilkilic O., Kocak B., Isler C., Islak C., Kocer N.
NEURORADIOLOGY, vol.60, no.5, pp.471-477, 2018 (Journal Indexed in SCI)
- XIV. **Endoscopic Endonasal Cerebrospinal Fluid Leak Repair on the Ventral Midline Skull Base: A Single Neurosurgical Center Experience**
Isler C., Ahmedov M. L. , Akgun M. Y. , Kucukyuruk B., Gazioglu N., Sanus G. Z. , Tanriover N.
TURKISH NEUROSURGERY, vol.28, no.2, pp.193-203, 2018 (Journal Indexed in SCI)
- XV. **Risk Factors and Compression and Kyphosis Rates after 1 Year in Patients with AO type A Thoracic, Thoracolumbar, and Lumbar Fractures Treated Conservatively**
Karagoz Guzey F., Eren B., Tufan A., Aktas O., Isler C., Vatanserver M., Tas A., Cetin E., Yucel M., Ornek M.
TURKISH NEUROSURGERY, vol.28, no.2, pp.282-287, 2018 (Journal Indexed in SCI)
- XVI. **Seizure Outcome of Patients with Magnetic Resonance Imaging-Negative Epilepsies: Still An Ongoing Debate**

- Isler C., Ozkara Ç., Kucukyuruk B., DELIL S., Oz B., Comunoglu N., Kizilkilic O., Kayhan A., Deniz K., Akkol S., et al. World Neurosurgery, vol.106, pp.638-644, 2017 (Journal Indexed in SCI Expanded)
- XVII. Comparison of clinical features and surgical outcome in focal cortical dysplasia type 1 and type 2**
Isler C., Kucukyuruk B., Ozkara Ç., Gunduz A., IS M., Tanriverdi T., Comunoglu N., Oz B., Uzan M.
EPILEPSY RESEARCH, vol.136, pp.130-136, 2017 (Journal Indexed in SCI)
- XVIII. Polymorphisms in the Matrix Metalloproteinase-9 Promoters and Susceptibility to Glial Tumors in Turkey**
Ozden M., Katar S., Hanimoglu H., Ulu M. O. , Isler C., Baran O., Antar V., Ekmekci C. G. , Kaynar M. Y.
TURKISH NEUROSURGERY, vol.27, no.5, pp.690-695, 2017 (Journal Indexed in SCI)
- XIX. Ultra-high-resolution C-arm flat-detector CT angiography evaluation reveals 3-fold higher association rate for sporadic intracranial cavernous malformations and developmental venous anomalies: a retrospective study in consecutive 58 patients with 60 cavernous malformations**
Kocak B., Kizilkilic O., Oz B., Bakkaloglu D. V. , Isler C., Kocer N., Islak C.
European Radiology, vol.27, no.6, pp.2629-2639, 2017 (Journal Indexed in SCI Expanded)
- XX. White matter fiber tract architecture and ventricular surgery Response**
GUNGOR A., BAYDIN S., Isler C., Tanriover N.
JOURNAL OF NEUROSURGERY, vol.126, no.4, pp.1370-1371, 2017 (Journal Indexed in SCI)
- XXI. The white matter tracts of the cerebrum in ventricular surgery and hydrocephalus.**
GÜNGÖR A., BAYDIN S., MIDDLEBROOKS E., Tanriover N., Isler C., RHOTON A. J.
Journal of neurosurgery, vol.126, pp.945-971, 2017 (Journal Indexed in SCI)
- XXII. Compatibility of MRI and FDG-PET findings with histopathological results in patients with focal cortical dysplasia**
Halac G., Delil S., Zafer D., Isler C., Uzan M., Comunoglu N., Oz B., Yeni S. N. , Vatankulu B., Halac M., et al.
Seizure, vol.45, pp.80-86, 2017 (Journal Indexed in SCI Expanded)
- XXIII. Epilepsy-related brain tumors.**
Ertürk Ç., İşler C., Uzan M., Özkara Ç.
Seizure, vol.44, pp.93-97, 2017 (Journal Indexed in SCI)
- XXIV. Is chronic curcumin supplementation neuroprotective against ischemia for antioxidant activity, neurological deficit, or neuronal apoptosis in an experimental stroke model?**
Altinay S., Cabalar M., Isler C., Yildirim F., Celik D. S. , Zengi O., Tas A., Gulcubuk A.
Turkish Neurosurgery, vol.27, no.4, pp.537-545, 2017 (Journal Indexed in SCI Expanded)
- XXV. AN IMMUNOHISTOCHEMICAL, HISTOPATHOLOGICAL AND BIOCHEMICAL ANALYSIS OF THE NEUROPROTECTIVE EFFECTS OF MEMANTINE, AND CURCUMIN AFTER CEREBRAL ISCHEMIA-REPERFUSION INJURY IN ELDERLY RATS**
Cabalar M., Altinay S., Gulcubuk A., YILDIRIM F., Celik D., Zengin O., Isler C., Isiksacan N., Yayla V., Bajrami A.
INTERNATIONAL JOURNAL OF STROKE, vol.11, pp.172-173, 2016 (Journal Indexed in SCI)
- XXVI. Is chronic curcumin supplementation neuroprotective against ischemia for antioxidant activity, neurologic deficit score, or neuronal apoptosis in an experimental stroke model?**
Altinay S., Cabalar M., İŞLER C., YILDIRIM F., Celik D. S. , Zengi O., Tas A., GÜLÇUBUK A.
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- XXVII. Long-term surgical and seizure outcomes of frontal low-grade gliomas**
Tanriverdi T., Kemerdere R., Baran O., Sayyahmelli S., Ozlen F., Isler C., Uzan M., Ozyurt E.
INTERNATIONAL JOURNAL OF SURGERY, vol.33, pp.60-64, 2016 (Journal Indexed in SCI)
- XXVIII. Neuropsychological Outcome in Subthalamic Nucleus Stimulation Surgeries with Electrodes Passing through the Caudate Nucleus.**
Isler C., ALBI A., SCHAPER F., TEMEL Y., DUIITS A.
Stereotactic and functional neurosurgery, vol.94, pp.413-420, 2016 (Journal Indexed in SCI)
- XXIX. Microsurgical anatomy of the cisternal anterior choroidal artery with special emphasis on the preoptic and postoptic subdivisions**
Tanriover N., Kucukyuruk B., Ulu M. O. , Isler C., SAM B., Abuzayed B., Uzan M., Ak H., Tuzgen S.
JOURNAL OF NEUROSURGERY, vol.120, no.5, pp.1217-1228, 2014 (Journal Indexed in SCI)

- XXX. **Osteointegration of a bisphenol-a-glycidyl-dimethacrylate composite and its use in anterior skull base defects: An experimental study in an experimental design model of cerebrospinal fluid leak**
Sanus G. Z. , Kucukyuruk B., Biceroglu H., Isler C., Tanriverdi T., Bas A., Albayram S., KÜRKCÜ M., Oz B.
Journal of Craniofacial Surgery, vol.25, no.4, pp.1524-1528, 2014 (Journal Indexed in SCI Expanded)
- XXXI. **Assessment of Osteointegration of Cortoss (TM) in Cranioplasty: An Experimental Study in Rabbits**
Sanus G. Z. , Ulu M. O. , Ozlen F., Biceroglu H., Kucukyuruk B., Isler C., YASSA M. I. , Albayram S., Bas A., Oz B., et al.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.30, no.1, pp.144-152, 2013 (Journal Indexed in SCI)
- XXXII. **Surgical treatment of trigonocephaly: Technique and long-term results in 48 cases: Clinical article**
Ozlen F., Kafadar A. M. , Abuzayed B., Ulu M. O. , Isler C., Dashti R., Erdinçler P.
Journal of Neurosurgery: Pediatrics, vol.7, no.3, pp.300-310, 2011 (Journal Indexed in SCI Expanded)
- XXXIII. **Hippocampal neuronal damage in rats exposed to a double hit: irradiation and hyperthermia.**
Senturk G., Isler C., Kemerdere R., Ulu M. O. , Umay C., Ozkaymakci A., Aker G. R. , ERCAN F., Ozkara Ç., ONAT F., et al.
Turkish neurosurgery, vol.21, no.4, pp.454-60, 2011 (Journal Indexed in SCI Expanded)
- XXXIV. **Treatment of symptomatic interhemispheric arachnoid cysts by cystoperitoneal shunting**
Ulu M. O. , Kafadar A. M. , Dashti R., Isler C., Uludag S., Erdinçler P.
Journal of Clinical Neuroscience, vol.17, no.6, pp.700-705, 2010 (Journal Indexed in SCI Expanded)
- XXXV. **The expression of astroglial glutamate transporters in patients with focal cortical dysplasia: an immunohistochemical study**
Ulu M. O. , Tanriverdi T., Oz B., Biceroglu H., Isler C., ERASLAN B. S. , Ozkara Ç., Ozyurt E., Uzan M.
ACTA NEUROCHIRURGICA, vol.152, no.5, pp.845-853, 2010 (Journal Indexed in SCI)
- XXXVI. **Low-Profile 1-Piece Bifrontal Craniotomy for Anterior Skull Base Approach and Reconstruction**
Ozlen F., Abuzayed B., Dashti R., Isler C., Tanriover N., Sanus G. Z.
JOURNAL OF CRANIOFACIAL SURGERY, vol.21, no.1, pp.233-238, 2010 (Journal Indexed in SCI)
- XXXVII. **Neuronal nitric oxide synthase expression in glial tumors: correlation with malignancy and tumor proliferation**
Tanriover N., Ulu M. O. , Isler C., Durak H., Oz B., Uzan M., Akar Z. C.
NEUROLOGICAL RESEARCH, vol.30, no.9, pp.940-944, 2008 (Journal Indexed in SCI)
- XXXVIII. **Prenatal expressions of hyperpolarization-activated cyclic-nucleotide-gated channel (HCN) genes in dysplastic hippocampi in rats.**
Isler C., Tanriverdi T., Kavak E., Sanus G. Z. , Ulu M. O. , Erkanli G., Koman A., Iylson N. B. , Uzan M.
Turkish neurosurgery, vol.18, no.4, pp.327-35, 2008 (Journal Indexed in SCI Expanded)
- XXXIX. **Intracranial hypotension**
Albayram S., Ulu M. O. , Isler C.
Journal of Neurosurgery, vol.109, no.2, pp.362, 2008 (Journal Indexed in SCI Expanded)
- XL. **An experimental model of traumatic nasoethmoidal cerebrospinal fluid fistula**
Sanus G. Z. , Ozlen F., Biceroglu H., Isler C., Tanriverdi T., Bas A., Albayram M. S. , Kaynar M. Y.
JOURNAL OF CRANIOFACIAL SURGERY, vol.19, no.2, pp.441-445, 2008 (Journal Indexed in SCI)
- XLI. **Intradural migration of a bullet following spinal gunshot injury**
Kafadar A. M. , KEMERDERE R., Isler C., Hanci M. M.
SPINAL CORD, vol.44, no.5, pp.326-329, 2006 (Journal Indexed in SCI)
- XLII. **Hypoglossal-facial nerve anastomosis for facial nerve palsy following surgery for vestibular schwannoma: Retrospective analysis of 13 patients**
Ak H., Sanus G. Z. , Ulu M. O. , Tanriover N., İŞLER C., Tanriverd T., Kafadar A. M.
Turkish Neurosurgery, vol.16, no.4, pp.158-162, 2006 (Journal Indexed in SCI Expanded)
- XLIII. **Cranio-orbitozygomatic approach and its orbitopterional modification: Microsurgical anatomy and surgical technique**
Tanriöver N., İŞLER C., Sanus G. Z. , Ak H., Canbaz B., Akar Z. C.
Turkish Neurosurgery, vol.16, no.4, pp.175-184, 2006 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Comparison of the effects of levetiracetam and valproic acid on neural tube defect formation in the chick embryo: an experimental study**
ASAN Z., ESER M., Tanriverdi T., Isler C., Alkan F., Erdinçler P.
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.10, no.4, pp.453-457, 2019 (Journal Indexed in ESCI)
- II. **Intrathecal baclofen therapy for spasticity: Experience of 48 cases Spastisitede intratekal baklofen tedavisi: 48 vakalik tecrübe**
İşler C.
Journal of Clinical and Analytical Medicine, vol.8, pp.129-132, 2017 (Journal Indexed in ESCI)
- III. **Rapidly Progressive Spontaneous Spinal Epidural Abscess.**
AYCAN A., AKTAS O., GUZEY F., TUFAN A., Isler C., AYCAN N., GULSEN İ., ARSLAN H.
Case reports in infectious diseases, vol.2016, pp.7958291, 2016 (Journal Indexed in ESCI)
- IV. **Transverse Sacral Fractures: Report of Three Cases**
Karagöz Güzey F., Tufan A., vatansever m., İŞLER C., aktas ö., Hitay Y., Taş A., kocaoğlu s., yücel m., çetin e., et al.
Journal of Spine & Neurosurgery, vol.4, no.1, pp.1-4, 2015 (Refereed Journals of Other Institutions)
- V. **Rapidly Progressing Brainstem Compression Due to a Giant Posterior Fossa Arachnoid Cyst**
İŞLER C., Taş A., Hitay Y., Tufan A., Karagöz Güzey F.
Journal of Spine & Neurosurgery, vol.4, no.2, pp.1-3, 2014 (Refereed Journals of Other Institutions)
- VI. **Does Addition of Instrumentation Increase Complication Rates in Lumbar Spinal Degenerative Diseases in Elderly Patients?**
Karagöz Güzey F., Kitiş S., Tufan A., İŞLER C., vatansever m., aktas ö., Hitay Y., Taş A., emel e., seyithanoğlu h., et al.
Journal of Spine & Neurosurgery, vol.3, no.3, pp.1-4, 2014 (Refereed Journals of Other Institutions)
- VII. **Assessment of osteointegration of cortoss™ in cranioplasty: An experimental study in rabbits**
Kranioplastide cortoss™'un osteointegrasyonunun değerlendirilmesi: Tavşanlarda bir deneysel çalışma
Ulu M. O. , Sanus G. Z. , Ozlen F., BİÇEROĞLU H., Kucukyuruk B., İŞLER C., Yassa M. I. , Albayram S., Bas A., Oz B., et al.
Journal of Neurological Sciences, vol.30, no.1, pp.144-152, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **İNTRAMEDÜLLER YERLEŞİMLİ SPİNAL KORD TÜMÖR CERRAHİSİNDE İNTRAOPERATİF NÖROFİZYOLOJİK MONİTORİZASYONDA KARAR VERME SÜREÇLERİ**
TAŞKIRAN E., ULU M. O. , KEMERDERE R., İŞLER C., KÜÇÜKYÜRÜK B., AKÇIL E. F. , ALIZADA O., HANCI M. M.
Türk Nöroşirürji Derneği 32. Bilimsel Kongresi, Antalya, Turkey, 20 - 24 April 2018
- II. **KAUDA VE KONUS TÜMÖRLERİNDE İNTRAOPERATİF NÖROFİZYOLOJİK İZLEM**
TAŞKIRAN E., ULU M. O. , İŞLER C., KAFADAR A. M. , KEMERDERE R., TÜZGEN S., AKGÜN M. Y. , AHMEDOV M. L. , ALIZADA O., AKÇIL E. F. , et al.
Türk Nöroşirürji Derneği 32. Bilimsel Kongresi, Antalya, Turkey, 20 - 24 April 2018
- III. **SEIZURE OUTCOME OF PATIENTS WITH MAGNETIC RESONANCE IMAGING-NEGATIVE EPILEPSIES: STILL AN ONGOING DEBATE**
Isler C., Ozkara C., Delil M. S. , Kayhan A., Deniz K., Akkol S., Kucukyuruk B., Tanriverdi T., Oz B., Comunoglu N., et al.
32nd International Epilepsy Congress, Barcelona, Spain, 2 - 06 September 2017, vol.58
- IV. **DEKOMPRESİF SPİNAL CERRAHİDE EFEKTİF İNTRAOPERATİF NÖROFİZYOLOJİK MONİTORİZASYON**
TAŞKIRAN E., KAFADAR A. M. , HANCI M. M. , TÜZGEN S., İŞLER C., KAYHAN A., ALIZADA O., AHMEDOV M. L.
53. Ulusal Nöroloji Kongresi, Antalya, Turkey, 24 - 30 November 2017, pp.1
- V. **A COMPATIBILITY STUDY OF MRI AND FDG-PET FINDINGS WITH HISTOPATHOLOGICAL RESULTS IN PATIENTS WITH FOCAL CORTICAL DYSPLASIA**
Halac G., Delil S., Zafer D., Isler C., Uzan M., Yeni S. N. , Halac M., Ozkara Ç.
31st International Epilepsy Congress, İstanbul, Turkey, 5 - 09 September 2015, vol.56, pp.7

VI. Development of hippocampal sclerosis in rats exposed to in utero irradiation and postnatal hyperthermia

Uzan M., Erkanli G., Sirvancy S., Ercan F., Onat F., Ozkara C., Kemerdere R., Isler C., Ulu O., Ozkaynakcy A.
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Citations

Total Citations (WOS):291

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