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Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Preventif Ve Epidemiyolojik Nöroloji Abd, Turkey 2011 - Continues

Expertise In Medicine, Hacettepe Üniversitesi, Cerrahi Tıp Bilimleri, Beyin Cerrahisi, Turkey 2002 - 2009

Under Graduate, Hacettepe Üniversitesi, Tıp Fakültesi, Turkey 1996 - 2002

Foreign Languages

English, C1 Advanced

Research Areas

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

Academic Titles / Tasks

Assistant Professor, Hacettepe Üniversitesi, Tıp Fakültesi , Cerrahi Tıp Bilimleri, 2018 - Continues

Assistant Professor, Hacettepe Üniversitesi, Tıp Fakültesi , Cerrahi Tıp Bilimleri, 2016 - 2018

Professional Experience

University Executive Board Member, Hacettepe Üniversitesi, Hacettepe Tıp Fakültesi, 2017 - Continues

Courses

Beyin Cerrahisi, Associate Degree, 2016 - 2017

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

- I. Long-Term Outcomes of Pediatric Meningioma Surgery: Single Center Experience with 23 Patients**
Isikay I, HANALIOĞLU Ş., Narin F., Basar I, BİLGİNER B.
TURKISH NEUROSURGERY, vol.30, pp.124-133, 2020 (Journal Indexed in SCI)
- II. The Effect of Training, Used-Hand, and Experience on Endoscopic Surgery Skills in an Educational Computer-Based Simulation Environment (ECE) for Endoneurosurgery Training**
ÇAĞILTAY N., Ozcelik E., Isikay I., HANALIOĞLU Ş., SÜSLÜ A. E. , Yucel T., BERKER M.

SURGICAL INNOVATION, vol.26, pp.725-737, 2019 (Journal Indexed in SCI)

- III. **Survival Benefit with Gross Total Resection and Adjuvant Radiotherapy in Childhood Atypical Teratoid/Rhabdoid Tumors: Results of a Single-Center Cohort of 27 Cases**
Isikay I., Hanalioglu S., Basar I., Narin F., BİLGİNER B.
TURKISH NEUROSURGERY, vol.29, pp.689-697, 2019 (Journal Indexed in SCI)
- IV. **Radiological and Clinical Comparison of Posterolateral Fusion and Transforaminal Interbody Fusion Techniques in Degenerative Lumbar Stenosis**
Bozkurt G., Isikay I., Hanalioglu S.
WORLD NEUROSURGERY, vol.116, 2018 (Journal Indexed in SCI)
- V. **A potential non-invasive glioblastoma treatment: Nose-to-brain delivery of farnesylthiosalicylic acid incorporated hybrid nanoparticles**
SEKIRDAG E., Lule S., PEHLIVAN S. B., Ozturk N., KARA A., KAFFASHI A., VURAL İ., Isikay I., Yavuz B., OGUZH K. K., et al.
JOURNAL OF CONTROLLED RELEASE, vol.261, pp.187-198, 2017 (Journal Indexed in SCI)
- VI. **An extremely rare complication following frontoorbital advancement: infarction of the recurrent artery of Heubner**
ÇALIŞ M., Oz Z., Isikay I., KONAŞ E., BİLGİNER B., Tuncbilek G.
CHILD'S NERVOUS SYSTEM, vol.33, pp.197-199, 2017 (Journal Indexed in SCI)
- VII. **Hemispheric and regional asymmetries of early cortical blood flow changes following subarachnoid haemorrhage in mice: Further support for acute vasoconstriction?**
HİDAYATOV T., HANALIOĞLU Ş., İŞİKAY A. İ., MUT AŞKUN M.
Journal Of Cerebral Blood Flow And Metabolism, vol.37, pp.38, 2017 (Journal Indexed in SCI)
- VIII. **Early changes in cerebral blood flow and cerebrovascular reactivity in mild traumatic brain injury**
HANALIOĞLU Ş., Hidayatov T., İŞİKAY A. İ., MUT AŞKUN M.
Journal Of Cerebral Blood Flow And Metabolism, vol.37, pp.51, 2017 (Journal Indexed in SCI)
- IX. **Splitting of the Optic Nerve by a Pituitary Macroadenoma**
Hanalioglu S., Isikay I., BERKER M.
WORLD NEUROSURGERY, vol.89, 2016 (Journal Indexed in SCI)
- X. **Reasons and results of endoscopic surgery for prolactinomas: 142 surgical cases**
Akin S., Isikay I., Soylemezoglu F., Yucel T., Gurlek A., BERKER M.
ACTA NEUROCHIRURGICA, vol.158, pp.933-942, 2016 (Journal Indexed in SCI)
- XI. **Evaluation of Histological and Functional Differences of Interpositional Carotid Bypass Grafts in an Experimental Rat Model**
Turk C. C., Ozdol C., Isikay I., ATİLLA P., Muftuoglu S., Oruckaptan H.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.32, pp.122-133, 2015 (Journal Indexed in SCI)
- XII. **Occipitocervical Fixation Using Occipital Bone Hooks and Cervical Lateral Mass Screws: Analysis of 16 Cases**
AKBAY A., Isikay I., ORUNOĞLU M.
TURKISH NEUROSURGERY, vol.24, pp.558-564, 2014 (Journal Indexed in SCI)
- XIII. **Early promising results for the endoscopic surgical treatment of Cushing's disease**
BERKER M., Isikay I., Berker D., BAYRAKTAR M., Gurlek A.
NEUROSURGICAL REVIEW, vol.37, pp.105-113, 2014 (Journal Indexed in SCI)
- XIV. **The Effect of Phosphodiesterase Inhibitor Tadalafil on Vasospasm Following Subarachnoid Hemorrhage in an Experimental Rabbit Model**
Narin F., BİLGİNER B., İŞİKAY A. İ., Onal M. B., Soylemezoglu F., AKALAN N.
EARLY BRAIN INJURY OR CEREBRAL VASOSPASM, VOL 2: CLINICAL MANAGEMENT, vol.110, pp.13-16, 2011 (Journal Indexed in SCI)
- XV. **The Effect of Intracisternal Zn (II) Protoporphyrin IX on Vasospasm Process in the Experimental Subarachnoid Hemorrhage Model**
Isikay I., BİLGİNER B., Narin F., Soylemezoglu F., AKALAN N.
EARLY BRAIN INJURY OR CEREBRAL VASOSPASM, VOL 2: CLINICAL MANAGEMENT, vol.110, pp.33-37, 2011

(Journal Indexed in SCI)

- XVI. **Comparison of Nimodipine Delivery Routes in Cerebral Vasospasm After Subarachnoid Hemorrhage: An Experimental Study in Rabbits**
Onal M. B. , Civelek E., Kircelli A., Solmaz I., Ugurel S., Narin F., Isikay I., BİLGİNER B., Yakupoglu H.
EARLY BRAIN INJURY OR CEREBRAL VASOSPASM, VOL 2: CLINICAL MANAGEMENT, vol.110, pp.23-28, 2011
(Journal Indexed in SCI)
- XVII. **Amyloidoma of the Temporal Bone and Upper Cervical Spine; Presentation of a Rare Clinical Entity with a Brief Literature Review**
Oruckaptan H., Oguz K. K. , Isikay I., Ruacan S.
TURKISH NEUROSURGERY, vol.19, pp.159-162, 2009 (Journal Indexed in SCI)
- XVIII. **Unusual massive spinal metastasis of an intracranial oligodendroglioma**
Oezisik P. A. , Isikay I., Oruckaptan H., Soylemezoglu F., Oezcan O. E.
TURKISH NEUROSURGERY, vol.18, pp.276-280, 2008 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Early spontaneous spreading depolarizations deepen cerebral ischemia in an experimental mouse SAH model**
HANALIOĞLU Ş., HİDAYETOV T., İŞİKAY A. İ. , MUT AŞKUN M.
ISAH 2019, Amsterdam, Netherlands, 25 - 28 June 2019, pp.68
- II. **Yeni Nesil Dizileme Kullanılarak Serum Ekstraselüler Vezikül Tabanlı Glioblastoma Tümör Belirteçlerinin Tayini: Metodolojik Yaklaşım ve Ön Bulgular**
MUT AŞKUN M., İŞİKAY A. İ. , HANALIOĞLU Ş., ÇAKIR AKTAŞ C.
33. Türk Nöroşirürji Derneği Bilimsel Kongresi', Turkey, 11 - 14 April 2019, vol.29, pp.223
- III. **Yeni Nesil Dizileme Kullanılarak Serum Ekstraselüler Vezikül Tabanlı Glioblastoma Tümör Belirteçlerinin Tayini: Metodolojik Yaklaşım ve Ön Bulgular**
MUT AŞKUN M., İŞİKAY A. İ. , HANALIOĞLU Ş., ÇAKIR AKTAŞ C.
33. Türk Nöroşirürji Derneği Bilimsel Kongresi', Turkey, 11 - 14 April 2019, vol.29, pp.223
- IV. **Yeni Nesil Dizileme Kullanılarak Serum Ekstraselüler Vezikül Tabanlı Glioblastoma Tümör Belirteçlerinin Tayini: Metodolojik Yaklaşım ve Ön Bulgular**
MUT AŞKUN M., İŞİKAY A. İ. , HANALIOĞLU Ş., ÇAKIR AKTAŞ C.
33. Türk Nöroşirürji Derneği Bilimsel Kongresi', Turkey, 11 - 14 April 2019, vol.29, pp.223
- V. **Optimization of Exosomal Transcriptome Sequencing From Glioblastoma Patients to Characterize Their Biomarker Content**
ADIGÜZEL Z., HANALIOĞLU Ş., SARAÇ DERDİYOK A., GÜNGÖR G., KIYGA E., ÇAKIR AKTAŞ C., İŞİKAY A. İ. , SAYDAM O., MUT AŞKUN M.
Munzur 1. Uluslararası Uygulamalı Bilimler Kongresi, Tunceli, Turkey, 24 - 26 May 2019, pp.77-78
- VI. **Yeni nesil dizileme kullanılarak serum ekstraselüler vezikül tabanlı glioblastoma tümör biyobelirteçlerinin tayini/ metodolojik yaklaşım ve ön bulgular**
MUT AŞKUN M., İŞİKAY A. İ. , HANALIOĞLU Ş., ADIGÜZEL Z., ÇAKIR AKTAŞ C., KIYGA E., GÜNGÖR G.
TND 33. Bilimsel Kongresi, Turkey, 11 - 14 April 2019, vol.29, pp.223-224
- VII. **Squalenoyl adenosine nano-assemblies enhance cerebral blood flow in filament perforation SAH model in mice**
İŞİKAY A. İ. , HANALIOĞLU Ş., MUT AŞKUN M.
WFNS 2019 International Meeting, Belgrade, Serbia And Montenegro, 21 - 24 March 2019, pp.265
- VIII. **2015-2017 YILLARI ARASINDA PEDIATRİK NÖROŞİRÜRJİ SERVİSİNDE REHABİLİTASYON PROGRAMINA ALINAN HASTALAR: BİR RETROSPEKTİF ÇALIŞMA**
KÖSE N., TEKERLEK H., ÇETİN H., TÜRKMEN C., BİLGİN S., İŞİKAY A. İ. , BİLGİNER B.
Uluslararası Katılımlı 4. Pediatric Rehabilitasyon Kongresi, İstanbul, Turkey, 20 - 22 October 2017, pp.86
- IX. **PEDIATRİK EPİLEPSİ CERRAHİSİ SONRASI ERKEN DÖNEM REHABİLİTASYON : BİR VAKA SUNUMU**

TEKERLEK H., TÜRKMEN C., ÇETİN H., BİLGİN S., İŞİKAY A. İ. , BİLGİNER B., KÖSE N.

Uluslararası Katılımlı 4. Pediatrik Rehabilitasyon Kongresi, İstanbul, Turkey, 20 - 22 October 2017, pp.85

- X. **İNTRAKRANİYAL VE SPİNAL KORD TÜMÖRÜ OLAN PEDIATRİK HASTALARIN DEMOGRAFİK ÖZELLİKLERİ VE CERRAHİ SONRASI ERKEN REHABİLİTASYON SONUÇLARI: BİR RETROSPEKTİF ÇALIŞMA**
TEKERLEK H., TÜRKMEN C., ÇETİN H., BİLGİN S., İŞİKAY A. İ. , BİLGİNER B., KÖSE N.
Uluslararası Katılımlı 4. Pediatrik Rehabilitasyon Kongresi, İstanbul, Turkey, 20 - 22 October 2017, pp.25
- XI. **Early changes in cerebral blood flow and cerebrovascular reactivity in mild traumatic brain injury**
HANALIOĞLU Ş., HİDAYETOV T., İŞİKAY A. İ. , MUT AŞKUN M.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, Berlin, Germany, 1 - 04 April 2017, vol.37, pp.51
- XII. **Hemispheric and regional asymmetries of early cortical blood flow changes following subarachnoid haemorrhage in mice: Further support for acute vasoconstriction?**
hidayetov t., HANALIOĞLU Ş., İŞİKAY A. İ. , MUT AŞKUN M.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, Berlin, Germany, 1 - 04 April 2017, vol.37, pp.38
- XIII. **Early changes in cerebral blood flow and cerebrovascular reactivity in mild traumatic brain injury**
HANALIOĞLU Ş., HİDAYETOV T., İŞİKAY A. İ. , MUT AŞKUN M.
XXVIIIth Symposium on Cerebral Blood Flow, Metabolism and Function, Berlin, Germany, 1 - 04 April 2017, vol.37, pp.1-97
- XIV. **SIMULATIONS FOR SURGICAL EDUCATION: A CASE STUDY FOR ENDONEUROSURGERY**
BERKER M., ÇAĞILTAY N., İŞİKAY I.
9th International Technology, Education and Development Conference (INTED), Madrid, Spain, 2 - 04 March 2015, pp.1394-1400

Supported Projects

İŞİKAY A. İ. , Project Supported by Higher Education Institutions, Johns Hopkins University beyin cerrahisi kliniğinde uzmanlık eğitimi: neredeyiz ve ne yapmalıyız?, 2015 - 2017

Citations

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