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Yoksis Araştırmacı ID: 163486

### Eğitim Bilgileri

Tıpta Uzmanlık, Hacettepe Üniversitesi, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, Türkiye 2011 - 2016

Doktora, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Nörolojik Ve Psikiyatrik Temel Bilimler, Türkiye 2008 - 2015

Lisans, Hacettepe Üniversitesi, Tıp Fakültesi, Tıp (Md), Türkiye 2004 - 2010

### Yabancı Diller

İngilizce, C1 İleri

### Araştırma Alanları

Tıp, Sağlık Bilimleri, Cerrahi Tıp Bilimleri, Sinir Sistemi Cerrahisi, Yaşam Bilimleri, Nörobiyoloji, Nöroanatomi, Nörofizyoloji, Temel Bilimler

### Akademik Unvanlar / Görevler

Öğretim Görevlisi, Hacettepe Üniversitesi, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, 2020 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Evaluation of pediatric spinal ependymomas: A 25-year retrospective observational study**  
Narin F., Bahadır S., HANALIOĞLU Ş., KARAKAYA D., Yahya D., Ozer H., Soylemezoglu F., BİLGİNER B.  
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- Relative Cortical Atrophy Index as a Strong Predictor of Recurrence After Surgery for Chronic Subdural Hematoma**  
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- Microsurgical anatomy and approaches to thalamic gliomas. Part 1: A cartography guide for**

**navigating to the thalamus. Integrating 3D model rendering with anatomical dissections**

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- IV. **Interactive microsurgical anatomy education using photogrammetry 3D models and an augmented reality cube**  
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- V. **Repeat endoscopic endonasal transsphenoidal surgery for residual or recurrent cushing's disease: safety, feasibility, and success**  
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- VI. **Quantitative assessment and objective improvement of the accuracy of neurosurgical planning through digital patient-specific 3D models**  
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- VII. **Angiographic measurement of the superficial temporal artery for potential use in cerebral bypass surgery: a combined radiological and cadaveric study**  
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- VIII. **Narrative review of patient-specific 3D visualization and reality technologies in skull base neurosurgery: enhancements in surgical training, planning, and navigation**  
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- IX. **Duraplasty with autologous cervical fascia in pediatric posterior fossa tumor surgery: a single-center experience with 214 cases**  
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- X. **Ultrahigh-resolution 7-Tesla anatomic magnetic resonance imaging and diffusion tensor imaging of *ex vivo* formalin-fixed human brainstem-cerebellum complex**  
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- XI. **Molecular Subgrouping Based on Immunohistochemistry in Medulloblastoma: A Single-Center Experience**  
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- XII. **Applications of enhanced recovery after surgery protocols for unruptured anterior circulation aneurysms in tertiary-level healthcare institutions: a national study**  
Yakar F., Bakirarar B., Elbir Ç., Egemen E., HANALIOĞLU Ş., Dere Ü. A., Civlan S., Töngçe Ç., Albuz B., Coşkun M. E., et al.  
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- XIII. **Clinical Significance of Pneumocephalus in Pediatric Mild Traumatic Brain Injury**  
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- XIV. **Extracellular-Vesicle-Based Cancer Panels Diagnose Glioblastomas with High Sensitivity and Specificity**  
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- XV. **Current evidence for pharmacological management of pediatric concussion: a systematic review**  
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- XVI. **Enabling personalization of a robotic surgery procedure via a surgery training simulator**  
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- XVII. **Effects of Topically Applied Contractubex® on Epidural Fibrosis and Axonal Regeneration in Injured Rat Sciatic Nerve**  
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- XVIII. **Interplay between carotid artery dissection and thrombophilia leading to ischaemic stroke after minor head trauma in an adolescent: a case report**  
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- XIX. **Cortical spreading depression can be triggered by sensory stimulation in primed wild type mouse brain: a mechanistic insight to migraine aura generation**  
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- XX. **A Novel Decision-Support Tool (IniCT Score) for Repeat Head Computed Tomography in Pediatric Mild Traumatic Brain Injury**  
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- XXI. **Does Gross Total Resection Improve Progression-Free and Overall Survival in Pediatric Intracranial Ependymomas? Single-Center Clinical Experience Of 61 Cases**  
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- XXII. **An interdisciplinary consensus on the management of brain metastases in patients with renal cell carcinoma**  
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- XXIII. **Clinical course and outcomes of complicated mild traumatic brain injury in children: A single-center series of 124 cases**  
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- XXIV. **Contralateral vs. Ipsilateral Approach to Superior Hypophyseal Artery Aneurysms: An Anatomical Study and Morphometric Analysis**  
Sahin B., Aydin S. O., Yilmaz M. O., Saygi T., HANALIOĞLU Ş., Akyoldas G., Baran O., Kiris T.  
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- XXV. **Development and Validation of a Novel Methodological Pipeline to Integrate Neuroimaging and Photogrammetry for Immersive 3D Cadaveric Neurosurgical Simulation**  
Hanalioglu S., Romo N. G., Mignucci-Jimenez G., Tunc O., GÜRSES M. E., Abramov I., Xu Y., Sahin B., Isikay I., TATAR İ., et al.  
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- XXVI. **Can chlorogenic acid reduce oxidative stress and in an experimental spinal cord injury?**  
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- XXVII. **Effect of mesenchymal stem cells therapy in experimental kaolin induced syringomyelia model.**

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- XXVIII. **Exogenous Amylase Reverses Cerebral Ischemia Induced by Selective Intraarterial Injection of Degradable Starch Microspheres: An Angiographic and Histological Study in a Novel in Vivo Animal Model**  
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- XXIX. **Early Cerebral Blood Flow Changes, Cerebrovascular Reactivity and Cortical Spreading Depolarizations in Experimental Mild Traumatic Brain Injury Model**  
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- XXX. **The effect of pentoxifylline on cerebral vasospasm following experimental subarachnoid hemorrhage**  
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- XXXI. **The Continuing Impact of Coronavirus Disease 2019 on Neurosurgical Training at the 1-Year Mark: Results of a Nationwide Survey of Neurosurgery Residents in Turkey**  
Sahin B., HANALIOĞLU Ş.  
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- XXXII. **Human-Robot Interfaces of the NeuRoboScope: A Minimally Invasive Endoscopic Pituitary Tumor Surgery Robotic Assistance System**  
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- XXXIII. **Surgical Outcome of Laminoplasty for Cervical Spondylotic Myelopathy: A Single-Institution Experience.**  
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- XXXIV. **A simple and effective modified technique of twist drill craniostomy for bedside drainage and irrigation of chronic subdural hematoma: Technical and clinical study**  
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- XXXV. **Prospective Randomized Study on the Effects of Improved Sleep Quality After Craniotomy on Melatonin Concentrations and Inflammatory Response in Neurosurgical Intensive Care Patients**  
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- XXXVI. **Transcorticosubcortical Approach for Left Posterior Mediobasal Temporal Region Gliomas: A Case Series and Anatomic Review of Relevant White Matter Tracts**  
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- XXXVII. **Effect of perioperative aspirin use on hemorrhagic complications in elective craniotomy for brain tumors: results of a single-center, retrospective cohort study**  
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- XXXVIII. **Academic performance after neurosurgery residency training in Turkey: a national survey**  
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- XXXIX. **Subfascial drainage and clipping technique for treatment of cerebrospinal fluid leak following spinal surgery**  
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- XL. **Long-Term Outcomes of Pediatric Meningioma Surgery: Single Center Experience with 23 Patients**  
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- XLI. **The Effect of Training, Used-Hand, and Experience on Endoscopic Surgery Skills in an Educational Computer-Based Simulation Environment (ECE) for Endoneurosurgery Training**  
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- XLII. **A novel, low-cost, reusable, high-fidelity neurosurgical training simulator for cerebrovascular bypass surgery**  
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- XLIII. **Use of computed tomography and diffusion weighted imaging in children with ventricular shunt**  
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- XLIV. **Identification of Risk Factors for Postoperative Cerebrospinal Fluid Leakage and Comparison of Two Alternative Dural Augmentation Techniques in Posterior Fossa and Spinal Surgeries**  
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- XLV. **Survival Benefit with Gross Total Resection and Adjuvant Radiotherapy in Childhood Atypical Teratoid/Rhabdoid Tumors: Results of a Single-Center Cohort of 27 Cases**  
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- XLVI. **Cervico-medullary compression ratio: A novel radiological parameter correlating with clinical severity in Chiari type 1 malformation**  
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- XLVII. **Radiological and Clinical Comparison of Posterolateral Fusion and Transforaminal Interbody Fusion Techniques in Degenerative Lumbar Stenosis**  
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- XLVIII. **The Tonsillouvar Fissure Approach: Access to Dorsal and Lateral Aspects of the Fourth Ventricle**  
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- XLIX. **Revisiting Ligament-Sparing Lumbar Microdiscectomy: When to Preserve Ligamentum Flavum and How to Evaluate Radiological Results for Epidural Fibrosis**  
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- L. **Experience Reduces Surgical and Hardware-Related Complications of Deep Brain Stimulation Surgery: A Single-Center Study of 181 Patients Operated in Six Years**  
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- LI. **Does the Volume of CSF Removed Affect the Response to a Tap in Normal Pressure Hydrocephalus?**  
Onder H., Hanalioglu Ş.  
AMERICAN JOURNAL OF NEURORADIOLOGY, cilt.39, sa.1, 2018 (SCI-Expanded)
- LII. **Topiramate as a neuroprotective agent in a rat model of spinal cord injury**  
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- LIII. **Is the Knowledge Pertaining to Adult Glioblastomas Enough for Pediatric Cases? Prognostic Factors in Childhood**  
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- LIV. **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.  
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- LV. **Splitting of the Optic Nerve by a Pituitary Macroadenoma**  
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- LVI. **Enigmatic entity in childhood: clival chordoma from a tertiary center's perspective**  
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- LVII. **Breast cancer and high-grade glioma: link or coincidence?**  
HANALIOĞLU Ş., Hasanov E., Altundag K.  
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- LVIII. **De novo formation of brain tumors in pediatric population following therapeutic cranial irradiation**  
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- LIX. **Bleeding and non-bleeding phenotypes in patients with GGXX gene mutations.**  
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- LX. **Cavernous malformations of the central nervous system (CNS) in children: clinico-radiological features and management outcomes of 36 cases**  
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- LXI. **Virchow-Robin spaces cyst**  
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## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Revisiting anatomical structures of the superior orbital fissure using with interactive 3D-PDF model**  
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Acta Medica, cilt.54, sa.3, ss.165-171, 2023 (Hakemli Dergi)
- II. **Vessel-wall Imaging for Primary Angiitis of Central Nervous System Diagnosis**  
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TURKISH JOURNAL OF NEUROLOGY, cilt.27, sa.1, ss.95-97, 2021 (ESCI)
- III. **Modified Inside-outside Occipito-Cervical Plate System: Preliminary Results.**  
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- IV. **QT dispersion and acute cerebrovascular accident**  
ÖNDER H., HANALIOĞLU Ş.  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **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', Türkiye, 11 - 14 Nisan 2019, cilt.29, ss.223

- II. **Yeni Nesil Dizileme Kullanılarak Serum Ekstraselüler Vezikül Tabanlı Glioblastoma Tümör Belirteçlerinin Tayini: Metodolojik Yaklaşım ve Ön Bulgular**  
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## Metrikler

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