

Lect. ŞAHİN HANALIOĞLU

Personal Information

Office Phone: [+90 312 305 1715](tel:+903123051715)

Fax Phone: [+90 312 311 1131](tel:+903123111131)

Email: hanalioglu@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/hanalioglu>

Address: Hacettepe Üniversitesi Tıp Fakültesi, Nöroşirürji AD, Sıhhiye, 06100, Ankara

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, Turkey 2011 - 2016

Doctorate, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Nörolojik Ve Psikiyatrik Temel Bilimler, Turkey 2008 - 2015

Undergraduate, Hacettepe Üniversitesi, Tıp Fakültesi, Tıp (Md), Turkey 2004 - 2010

Foreign Languages

English, C1 Advanced

Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Nervous System Surgery, Life Sciences, Neurobiology, Neuroanatomy, Neurophysiology, Natural Sciences

Academic Titles / Tasks

Lecturer, Hacettepe University, Tıp Fakültesi (Türkçe), Cerrahi Tıp Bilimleri Bölümü, 2020 - Continues

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

- I. **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.
WORLD NEUROSURGERY, vol.151, 2021 (Journal Indexed in SCI)
- II. **Surgical Outcome of Laminoplasty for Cervical Spondylotic Myelopathy: A Single-Institution Experience.**
Türkoğlu M. E., Gülmez A., Elbir Ç., Şahin Ö. S., Hanalioglu Ş., Dinç S., Tönge Ç., Kalan M.
Turkish journal of medical sciences, 2021 (Journal Indexed in SCI Expanded)
- III. **Human-Robot Interfaces of the NeuRoboScope: A Minimally Invasive Endoscopic Pituitary Tumor Surgery Robotic Assistance System**
DEDE M. İ. C., KİPER G., AYAV T., ÖZDEMİREL B., TATLICIOĞLU E., HANALIOĞLU Ş., Isikay I., BERKER M.
JOURNAL OF MEDICAL DEVICES-TRANSACTIONS OF THE ASME, vol.15, no.1, 2021 (Journal Indexed in SCI)
- IV. **A simple and effective modified technique of twist drill craniostomy for bedside drainage and irrigation of chronic subdural hematoma: Technical and clinical study**

HANALIOĞLU Ş., Bozkurt G., Isikay I., Mammadkhanli O.

CLINICAL NEUROLOGY AND NEUROSURGERY, vol.199, 2020 (Journal Indexed in SCI)

- V. **Effect of mesenchymal stem cells therapy in experimental kaolin induced syringomyelia model.**
Bal E., Hanalioglu Ş., Kopru C. Z. , Köse S., Basak A. T. , Pehlivan S. B. , Cetinkaya D. U. , Purali N., Korkusuz P., Bozkurt G.
Journal of neurosurgical sciences, 2020 (Journal Indexed in SCI Expanded)
- VI. **Prospective Randomized Study on the Effects of Improved Sleep Quality After Craniotomy on Melatonin Concentrations and Inflammatory Response in Neurosurgical Intensive Care Patients**
Arik E., Dolgun H., Hanalioglu Ş., Sahin O. S. , Ucar F., Yazicioglu D., Dogan I., Yilmaz E. R.
WORLD NEUROSURGERY, vol.140, 2020 (Journal Indexed in SCI)
- VII. **Transcorticosubcortical Approach for Left Posterior Mediobasal Temporal Region Gliomas: A Case Series and Anatomic Review of Relevant White Matter Tracts**
Brown D. A. , Hanalioglu Ş., Chaichana K., Duffau H.
WORLD NEUROSURGERY, vol.139, 2020 (Journal Indexed in SCI)
- VIII. **Effect of perioperative aspirin use on hemorrhagic complications in elective craniotomy for brain tumors: results of a single-center, retrospective cohort study**
Hanalioglu Ş., Sahin B., Sahin O. S. , Kozan A., Ucer M., Cikla U., Goodman S. L. , Baskaya M. K.
JOURNAL OF NEUROSURGERY, vol.132, no.5, pp.1529-1538, 2020 (Journal Indexed in SCI)
- IX. **The effect of pentoxifylline on cerebral vasospasm following experimental subarachnoid hemorrhage**
Bahadir S., Narin F., BAŞAR İ., HANALIOĞLU Ş., BİLGİNER B., AKALAN N.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, 2020 (Journal Indexed in SCI)
- X. **Academic performance after neurosurgery residency training in Turkey: a national survey**
Yakar F., Hanalioglu Ş., Sahin B., Egemen E., Dere U. A. , Coskun M. E. , Kahilogullari G.
NEUROSURGICAL FOCUS, vol.48, no.3, 2020 (Journal Indexed in SCI)
- XI. **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, no.1, pp.124-133, 2020 (Journal Indexed in SCI)
- XII. **Subfascial drainage and clipping technique for treatment of cerebrospinal fluid leak following spinal surgery**
Mammadkhanli O., Elbir C., Hanalioglu Ş., Canbay S.
NEUROSCIENCES, vol.25, no.1, pp.50-54, 2020 (Journal Indexed in SCI)
- XIII. **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, no.6, pp.725-737, 2019 (Journal Indexed in SCI)
- XIV. **A novel, low-cost, reusable, high-fidelity neurosurgical training simulator for cerebrovascular bypass surgery**
Cikla U., Sahin B., Hanalioglu Ş., Ahmed A. S. , Niemann D., Baskaya M. K.
JOURNAL OF NEUROSURGERY, vol.130, no.5, pp.1663-1671, 2019 (Journal Indexed in SCI)
- XV. **Use of computed tomography and diffusion weighted imaging in children with ventricular shunt**
Gunes A., Oncel I. H. , Gunes S. O. , Birbilen A. Z. , Hanalioglu Ş.
CHILDS NERVOUS SYSTEM, vol.35, no.3, pp.477-486, 2019 (Journal Indexed in SCI)
- XVI. **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, no.5, pp.689-697, 2019 (Journal Indexed in SCI)
- XVII. **Identification of Risk Factors for Postoperative Cerebrospinal Fluid Leakage and Comparison of Two Alternative Dural Augmentation Techniques in Posterior Fossa and Spinal Surgeries**
Eser M. T. , Hanalioglu Ş., Cetiner M. Z. , Dinc S., Peker H. O. , Sorar M., Dolgun H., Turkoglu E.
TURKISH NEUROSURGERY, vol.29, no.3, pp.377-385, 2019 (Journal Indexed in SCI)

- XVIII. Cervico-medullary compression ratio: A novel radiological parameter correlating with clinical severity in Chiari type 1 malformation**
Doruk E., Ozay R., Sekerci Z., Durmaz H. A. , Gunes S. O. , Hanalioglu Ş., Sorar M.
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.174, pp.123-128, 2018 (Journal Indexed in SCI)
- XIX. 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)
- XX. Revisiting Ligament-Sparing Lumbar Microdiscectomy: When to Preserve Ligamentum Flavum and How to Evaluate Radiological Results for Epidural Fibrosis**
Ozay R., Ogur T., Durmaz H. A. , Turkoglu E., Caglar Y. S. , Sekerci Z., Sorar M., Hanalioglu Ş.
WORLD NEUROSURGERY, vol.114, 2018 (Journal Indexed in SCI)
- XXI. The Tonsillouvar Fissure Approach: Access to Dorsal and Lateral Aspects of the Fourth Ventricle**
Aydin I., Hanalioglu Ş., Peker H. O. , Turan Y., Kina H., Cikli U., Baskaya M. K.
WORLD NEUROSURGERY, vol.114, 2018 (Journal Indexed in SCI)
- XXII. Experience Reduces Surgical and Hardware-Related Complications of Deep Brain Stimulation Surgery: A Single-Center Study of 181 Patients Operated in Six Years**
Sorar M., Hanalioglu Ş., Kocer B., Eser M. T. , Comoglu S. S. , Kertmen H.
PARKINSONS DISEASE, vol.2018, 2018 (Journal Indexed in SCI)
- XXIII. Does the Volume of CSF Removed Affect the Response to a Tap in Normal Pressure Hydrocephalus?**
Onder H., Hanalioglu Ş.
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.39, no.1, 2018 (Journal Indexed in SCI)
- XXIV. Topiramate as a neuroprotective agent in a rat model of spinal cord injury**
Narin F., HANALIOĞLU Ş., Ustun H., Kilinc K., BİLGİNER B.
NEURAL REGENERATION RESEARCH, vol.12, no.12, pp.2071-2076, 2017 (Journal Indexed in SCI)
- XXV. Is the Knowledge Pertaining to Adult Glioblastomas Enough for Pediatric Cases? Prognostic Factors in Childhood**
BİLGİNER B., Hanalioglu S., Turk C. Ç. , NARİN F., Oguz K. K. , Soylemezoglu F., Akalan N.
TURKISH NEUROSURGERY, vol.27, no.2, pp.279-288, 2017 (Journal Indexed in SCI)
- XXVI. 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)
- XXVII. Splitting of the Optic Nerve by a Pituitary Macroadenoma**
Hanalioglu S., Isikay I., BERKER M.
WORLD NEUROSURGERY, vol.89, 2016 (Journal Indexed in SCI)
- XXVIII. Enigmatic entity in childhood: clival chordoma from a tertiary center's perspective**
BİLGİNER B., Turk C. C. , Narin F., HANALIOĞLU Ş., Oguz K. K. , ÖZGEN MOCAN B., Soylemezoglu F., AKALAN N.
ACTA NEUROCHIRURGICA, vol.157, no.9, pp.1587-1593, 2015 (Journal Indexed in SCI)
- XXIX. Breast cancer and high-grade glioma: link or coincidence?**
HANALIOĞLU Ş., Hasanov E., Altundag K.
JOURNAL OF BUON, vol.20, no.5, pp.1378-1379, 2015 (Journal Indexed in SCI)
- XXX. De novo formation of brain tumors in pediatric population following therapeutic cranial irradiation**
BİLGİNER B., Tuerk C. C. , NARİN F., Hazer B., Hanalioglu S., OĞUZ K. K. , SOYLEMEZOGLU F., Akalan N.
CHILDS NERVOUS SYSTEM, vol.31, no.6, pp.893-899, 2015 (Journal Indexed in SCI)
- XXXI. Bleeding and non-bleeding phenotypes in patients with GGXX gene mutations.**
Watzka M., Geisen C., Scheer M., Wieland R., Wiegering V., Dörner T., Laws H., Gümruk F., Hanalioglu Ş., Unal Ş., et al.
Thrombosis research, vol.134, pp.856-65, 2014 (Journal Indexed in SCI Expanded)
- XXXII. Cavernous malformations of the central nervous system (CNS) in children: clinico-radiological features and management outcomes of 36 cases**
BİLGİNER B., NARİN F., Hanalioglu S., Oguz K. K. , Soylemezoglu F., Akalan N.

CHILDS NERVOUS SYSTEM, vol.30, no.8, pp.1355-1366, 2014 (Journal Indexed in SCI)

XXXIII. **Virchow-Robin spaces cyst**

BİLGİNER B., Narin F., Hanalioglu S., Oguz K. K. , Akalan N.

CHILDS NERVOUS SYSTEM, vol.29, no.12, pp.2157-2162, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Vessel-wall Imaging for Primary Angiitis of Central Nervous System Diagnosis**
ÖGE D. D. , ARSAVA E. M. , Karaosmanoglu A. A. , Aghamirzayeva K., GÖÇMEN R., KARLI OĞUZ H. K. , HANALIOĞLU Ş., ARAT A., KARADAĞ Ö., TOPÇUOĞLU M. A.
TURKISH JOURNAL OF NEUROLOGY, vol.27, no.1, pp.95-97, 2021 (Journal Indexed in ESCI)
- II. **Modified Inside-outside Occipito-Cervical Plate System: Preliminary Results.**
Caglar S., Turkoglu E., Kertmen H., Gurer B., Bozkurt H., Ozay R., Hanalioglu Ş., Colpan E.
Asian journal of neurosurgery, vol.14, pp.148-153, 2019 (Refereed Journals of Other Institutions)
- III. **QT dispersion and acute cerebrovascular accident**
ÖNDER H., HANALIOĞLU Ş.
JOURNAL OF NEUROSCIENCES IN RURAL PRACTICE, vol.7, no.4, pp.612-613, 2016 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Yeni Nesil Dizileme Kullanılarak Serum Ekstraselüler Vezikül Tabanlı Glioblastoma Tümör Belirteçlerinin Tayini: Metodolojik Yaklaşım ve Ön Bulgular**
MUT AŞKUN M., IŞIKAY A. İ. , HANALIOĞLU Ş., ÇAKIR AKTAŞ C.
33. Türk Nöroşirürji Derneği Bilimsel Kongresi', Turkey, 11 - 14 April 2019, vol.29, pp.223
- II. **Yeni Nesil Dizileme Kullanılarak Serum Ekstraselüler Vezikül Tabanlı Glioblastoma Tümör Belirteçlerinin Tayini: Metodolojik Yaklaşım ve Ön Bulgular**
MUT AŞKUN M., IŞIKAY 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., IŞIKAY A. İ. , HANALIOĞLU Ş., ÇAKIR AKTAŞ C.
33. Türk Nöroşirürji Derneği Bilimsel Kongresi', Turkey, 11 - 14 April 2019, vol.29, pp.223
- IV. **Migren Araştırmaları için yeni bir kortikal yayılan depresyona yatkınlık modeli: Na-K ATPaz A-2 RNA İnterferansı**
TAŞKIRAN SAĞ A., Yılmaz Özcan S., KARATAŞ KURŞUN H., DEMİR B. N. , Hanalioglu Ş., EREN KOÇAK E., DALKARA T.
53. Ulusal Nöroloji Kongresi, Turkey, 25 - 29 November 2017
- V. **Cortical spreading depression can be triggered by photic stimulation in susceptible mouse brain**
Hanalioglu S., Taskran Sag A., KARATAŞ KURŞUN H., Eren Kocak E., Yemisci Ozkan M., GURSOY OZDEMİR Y., DALKARA T.
FENS, 2 - 06 July 2016
- VI. **KÖŞE TÜMÖRÜ CERRAHİSİ SONRASI NADİR BİR KOMPLİKASYON GEÇ BAŞLANGIÇLI FASİYAL PARALİZİ VE LABİRİNTİT**
HANALIOĞLU Ş., KARAKAYA D., MUT AŞKUN M.
Türk Nöroşirürji Derneği 30. Bilimsel Kongresi, Turkey, 8 - 12 April 2016, vol.26, pp.187
- VII. **SPİNAL İNTRAMEDÜLLER PAPİLLER EPENDİMOMA OLGUSU**
hidayetov t., HANALIOĞLU Ş., KARAKAYA D., MUT AŞKUN M.
Türk Nöroşirürji Derneği 30. Bilimsel Kongresi, Turkey, 8 - 12 April 2016, vol.26, pp.309

Supported Projects

HANALIOĞLU Ş., Project Supported by Higher Education Institutions, Limbik ve paralimbik tümörlere yaklaşımların mikrocerrahi nöroanatomi, 2016 - 2017

HANALIOĞLU Ş., Project Supported by Higher Education Institutions, Pediatrik intrakranyal ependimomların yönetimi: Gross total rezeksiyon sonrası radyoterapi gerekli mi?, 2016 - 2016

HANALIOĞLU Ş., Project Supported by Higher Education Institutions, Fizyolojik Uyarılarla Kortikal Yayılan Depresyonun Oluşturulması, 2016 - 2016

Citations

Total Citations (WOS):101

h-index (WOS):5