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Kişisel Bilgiler

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Eğitim Bilgileri

Tıpta Uzmanlık, Hacettepe Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Türkiye 1987 - 1994

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Yönetilen Tezler

BERKER M., Temporal lob epilepsi modelinde grup ı metabotropik glutamat reseptör ekspresyonu üzerine lakozamid'in etkisi, Doktora, B.BİLGİNER(Öğrenci), 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Enabling personalization of a robotic surgery procedure via a surgery training simulator**
Dede M. I. C., Buyukoztekin T., HANALIOĞLU Ş., Isikay I., BERKER M.
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- II. **Endonasal endoscopic approach for sellar metastatic pathologies: a national observation**
KAHILOĞULLARI G., Bayatlı E., Geyik M., ÇABUK B., BETON S., Gunaldi O., Tanriverdi O., ÇETİNALP N. E., TARKAN Ö., Yildirim A. E., et al.
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- III. **Development and Validation of a Novel Methodological Pipeline to Integrate Neuroimaging and Photogrammetry for Immersive 3D Cadaveric Neurosurgical Simulation**
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FRONTIERS IN SURGERY, cilt.9, 2022 (SCI-Expanded)
- IV. **Do antimicrobial stewardship programs improve the quality of care in ICU patients diagnosed with infectious diseases following consultation? Experience in a tertiary care hospital**
GÜRSOY G., UZUN Ö., METAN G., YILDIRIM M., BAHAP M., DEMİRKAN S. K., TOPELİ A., AKINCI S. B., TOPÇUOĞLU M. A., BERKER M., et al.
International Journal of Infectious Diseases, cilt.115, ss.201-207, 2022 (SCI-Expanded)
- V. **The Past, Present, and Future Statuses of Formerly Classified "Atypical Pituitary Adenomas": A Clinicopathological Assessment of 101 Cases in a Cohort of More than 1,000 Pure Endoscopically Treated Patients in Single Center**
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JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE, cilt.82, 2021 (SCI-Expanded)
- VI. **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., TATLİCİOĞLU E., HANALIOĞLU Ş., Isikay I., BERKER M.
JOURNAL OF MEDICAL DEVICES-TRANSACTIONS OF THE ASME, cilt.15, sa.1, 2021 (SCI-Expanded)

- VII. **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, cilt.26, sa.6, ss.725-737, 2019 (SCI-Expanded)
- VIII. **The Underlying Reasons of the Navigation Control Effect on Performance in a Virtual Reality Endoscopic Surgery Training Simulator**
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- IX. **Construct and face validity of the educational computer-based environment (ECE) assessment scenarios for basic endoneurosurgery skills**
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SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES, cilt.31, sa.11, ss.4485-4495, 2017 (SCI-Expanded)
- X. **A case of idiopathic granulomatous hypophysitis**
Kutbay N. O., Berker M., Soylemezoglu F., ÖZİŞİK H., ŞARER YÜREKLİ B. P.
HORMONES-INTERNATIONAL JOURNAL OF ENDOCRINOLOGY AND METABOLISM, cilt.16, sa.3, ss.331-332, 2017 (SCI-Expanded)
- XI. **Endoscopic Endonasal Transsphenoidal Surgery, A Reliable Method for Treating Primary and Recurrent/Residual Craniopharyngiomas: Nine Years of Experience**
BAL E., Oge K., BERKER M.
WORLD NEUROSURGERY, cilt.94, ss.375-385, 2016 (SCI-Expanded)
- XII. **Descriptive Analysis of Sphenovomerine Suture and Its Importance in Neurosurgery**
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- XIII. **Splitting of the Optic Nerve by a Pituitary Macroadenoma**
Hanalioglu S., Isikay I., BERKER M.
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- XIV. **Reasons and results of endoscopic surgery for prolactinomas: 142 surgical cases**
Akin S., Isikay I., Soylemezoglu F., Yucel T., Gurlek A., BERKER M.
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- XV. **Early promising results for the endoscopic surgical treatment of Cushing's disease**
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- XVI. **Treatment of acromegaly by endoscopic transsphenoidal surgery: surgical experience in 214 cases and cure rates according to current consensus criteria**
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- XVII. **Thyrotropinoma and multinodular goiter: A diagnostic challenge for hyperthyroidism**
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- XVIII. **Management of cerebrospinal fluid leak during endoscopic pituitary surgery**
BERKER M., Aghayev K., Yucel T., Hazer D. B., Onerci M.
AURIS NASUS LARYNX, cilt.40, sa.4, ss.373-378, 2013 (SCI-Expanded)
- XIX. **Complications of endoscopic surgery of the pituitary adenomas: analysis of 570 patients and review of the literature**
BERKER M., Hazer D. B., Yucel T., Gurlek A., Cila A., Aldur M. M., Onerci M.
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- XX. **Parenchymal lymphoma of the brain on initial MR imaging: A comparative study between primary and secondary brain lymphoma**
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- XXI. **Micro ct analysis of sellar floor in pituitary adenomas, especially in Cushing's disease**
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- XXII. **A Case of Intracranial Hypotension Complicated with Hydrocephalus**
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- XXIII. **Microscopic and electrophysiological changes on regenerating sciatic nerves of rats treated with simvastatin**
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- XXIV. **Effects of pravastatin on cellular ultrastructure and hemorheology in rats after traumatic head injury**
Hazer D. B., BERKER M., Narin F., Ileri-Gurel E., Basak A. T., Seringec N., Kaymaz F., Dikmenoglu N., Tuncel M.
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- XXV. **Endovascular treatment of kissing aneurysms at the fenestrated basilar artery case report with literature review**
SAATCI I., CEKIRGE H., Karcaaltincaba M., BASGUN N., BERKER M., TIMURKAYNAK E., OZCAN O.
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- XXVI. **Intracranial disc herniations in the lumbar spine and a new classification of intradural disc herniations**
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- XXVII. **Pulmonary embolism in neurosurgical patients**
Inci S., ERBENGI A., BERKER M.
Surgical Neurology, cilt.43, sa.2, ss.123-129, 1995 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Role of Hypofractionated Stereotactic Radiosurgery in Recurrent Pineal Parenchymal Tumors of Intermediate Differentiation: A Case Report and Review of the Literature**
BEDÜK ESEN Ç. S., YAZICI G., BERKER M., Zorlu F.
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- II. **Technology-enhanced surgical education: attitudes and perceptions of the endoscopic surgery community in Turkey**
ÇAĞILTAY N., BERKER M.
BMJ SIMULATION & TECHNOLOGY ENHANCED LEARNING, cilt.5, sa.1, ss.39-45, 2019 (ESCI)
- III. **Juguler Foramen Schwannomaları**
IŞIKAY A. İ., BERKER M.
Türk Nöroşirürji Dergisi, cilt.26, sa.1, ss.61-73, 2016 (Hakemli Dergi)
- IV. **The ultrastructure and immunohistochemistry of the septum pellucidum in a case of thalamic low grade astrocytoma with review of literature**
ALDUR M. M., BERKER M., ÇELİK H. H., Sargon M. F., Ugur Y., Dagdeviren A.
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Kitap & Kitap Bölümleri

- I. **Nöroşirürji Ders Kitabı**
MUT AŞKUN M., İNCİ M. S., AKBAY A., BERKER M., ÖGE H. K., BİLGİNER B.

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Simulations for surgical education: A case study for neurosurgery**
BERKER M., ÇAĞILTAY N., IŞIKAY A. İ.
INTED 2015 International Technology, education and Development Conference, Madrid, İspanya, 02 Mart 2015 - 04 Mart 2105
- II. **Conceptual Design of a Surgical Instrument-Guided Robotic Neuroendoscope Holder - NeuRoboScope**
HANALIOĞLU Ş., IŞIKAY A. İ., DEDE M. İ. C., BERKER M.
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- III. **Cerrahi aletlerle yönlendirilebilen robot yardımlı endoskop kontrol sistemi Neuroscope'xxun kavramsal tasarımı**
IŞIKAY A. İ., HANALIOĞLU Ş., DEDE M. İ. C., BERKER M.
TND 31. Bilimsel Kongresi, Türkiye, 29 Mart - 02 Nisan 2017, cilt.27, ss.73
- IV. **Simülasyon teknolojisi ile zenginleştirilmiş endo-nöroşürji eğitimi modeli: endoskopik hipofiz cerrahisi için örnek bir çalışma**
ÇAĞILTAY N., HANALIOĞLU Ş., IŞIKAY A. İ., BERKER M.
TND 29. Bilimsel Kongresi, Türkiye, 17 - 21 Nisan 2015, cilt.25
- V. **Problems of Endoneurosurgeryy Education: A cse study in Turkey**
ÇAĞILTAY N., BERKER M., ÖZÇELİK E.
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- VI. **PROBLEMS OF ENDONEUROSURGERY EDUCATION: A CASE STUDY IN TURKEY**
ÇAĞILTAY N., BERKER M., ÖZÇELİK E.
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- VII. **SIMULATIONS FOR SURGICAL EDUCATION: A CASE STUDY FOR ENDONEUROSURGERY**
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- VIII. **Endoskopik transsfenoidal hipofiz cerrahisi: 56 Cushing vakasının sonuçları**
BERKER M., IŞIKAY A. İ., GÜRLEK Ö. A., BAYRAKTAR M., SÖYLEMEZOĞLU A. F.
TND 24. Bilimsel Kongresi, Türkiye, 14 - 18 Mayıs 2010, cilt.20, ss.76
- IX. **Sellar ve parasellar bölge cerrahisi komplikasyonları - önlemler ve çözüm önerileri**
BERKER M., HAZER ROSBERG D. B., IŞIKAY A. İ., YÜCEL Ö. T., ALDUR M. M.
TND 24. Bilimsel Kongresi, Türkiye, 14 - 18 Mayıs 2010, cilt.20, ss.75
- X. **IMAGING FEATURES IN PARENCHYMAL LYMPHOMATOUS MASSES IN BRAIN: PRIMARY CNS LYMPHOMA OR SYSTEMIC INVOLVEMENT OF THE BRAIN?**
Mut M., Oguz K. K., Ayhan S., Soylemezoglu F., BERKER M.
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- XI. **IMAGING FEATURES IN PARENCHYMAL LYMPHOMATOUS MASSES IN BRAIN: PRIMARY CNS LYMPHOMA OR SYSTEMIC INVOLVEMENT OF THE BRAIN?**
Mut M., Oguz K. K., AYHAN S., Soeylemzogl u F., BERKER M.
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Metrikler

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