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Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Surgical Sciences, 2020 - Continues

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

- I. **The oculomotor-tentorial triangle. Part 1: microsurgical anatomy and techniques to enhance exposure**
Meybodi A. T. , Gandhi S, Mascitelli J, Bozkurt B, Bot G, Preul M. C. , Lawton M. T.
JOURNAL OF NEUROSURGERY, vol.130, pp.1426-1434, 2019 (Journal Indexed in SCI)
- II. **Quantitative Anatomic Analysis of the Transcallosal-Transchoroidal Approach and the Transcallosal-Subchoroidal Approach to the Floor of the Third Ventricle: An Anatomic Study**
Bozkurt B, Yagmurlu K, Belykh E, Meybodi A. T. , Staren M. S. , Aklinski J. L. , Preul M. C. , Grande A. W. , Nakaji P, Lawton M. T.
WORLD NEUROSURGERY, vol.118, pp.219-229, 2018 (Journal Indexed in SCI)
- III. **Optical Characterization of Neurosurgical Operating Microscopes: Quantitative Fluorescence and Assessment of PpIX Photobleaching**
Belykh E, Miller E. J. , Patel A. A. , Bozkurt B, Yagmurlu K, Robinson T. R. , Nakaji P, Spetzler R. F. , Lawton M. T. , Nelson L. Y. , et al.
SCIENTIFIC REPORTS, vol.8, 2018 (Journal Indexed in SCI)
- IV. **Contralateral anterior interhemispheric-transcallosal-transrostral approach to the subcallosal region: a novel surgical technique**
Chaddad-Neto F, Silva da Costa M. D. , Bozkurt B, Doria-Netto H. L. , Paz D. d. A. , Centeno R. d. S. , Grande A. W. , Cavalheiro S, Yagmurlu K, Spetzler R. F. , et al.
JOURNAL OF NEUROSURGERY, vol.129, pp.508-514, 2018 (Journal Indexed in SCI)
- V. **Diagnostic Accuracy of a Confocal Laser Endomicroscope for In Vivo Differentiation Between Normal Injured And Tumor Tissue During Fluorescein-Guided Glioma Resection: Laboratory Investigation**
Belykh E, Miller E. J. , Patel A. A. , Yazdanabadi M. L. , Martirosyan N. L. , Yagmurlu K, Bozkurt B, Byvaltsev V. A. , Eschbacher J. M. , Nakaji P, et al.
WORLD NEUROSURGERY, vol.115, 2018 (Journal Indexed in SCI)
- VI. **An Alternative Endoscopic Anterolateral Route to Meckel's Cave: An Anatomic Feasibility Study Using a Sublabial Transmaxillary Approach**
Yagmurlu K, Mooney M. A. , Almefty K. K. , Bozkurt B, Tanriover N, Little A. S. , Preul M. C.

- WORLD NEUROSURGERY, vol.114, pp.134-141, 2018 (Journal Indexed in SCI)
- VII. **Low Retrosigmoid Infratonsillar Approach to Lateral Medullary Lesions**
Bozkurt B., Kalani M. Y. S. , Yagmurlu K., Belykh E., Preul M. C. , Nakaji P., Spetzler R. F.
WORLD NEUROSURGERY, vol.111, pp.311-316, 2018 (Journal Indexed in SCI)
- VIII. **A morphometric and analytical cadaver dissection study of a tumor-simulation balloon model**
Bozkurt B., Belykh E., Yagmurlu K., Agrawal A., Chang S. W. , Staren M. S. , Spetzler R. F. , Zabramski J. M. , Preul M. C.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.49, pp.76-82, 2018 (Journal Indexed in SCI)
- IX. **Anterior temporal artery to posterior cerebral artery bypass for revascularization of the posterior circulation: An anatomical study**
Yagmurlu K., Kalani M. Y. S. , Chaddad-Neto F., Cevik O. M. , Bozkurt B., Belykh E., Doria-Netto H. L. , Grande A. W. , Preul M. C. , Spetzler R. F.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.47, pp.337-340, 2018 (Journal Indexed in SCI)
- X. **Probe-based three-dimensional confocal laser endomicroscopy of brain tumors: technical note**
Belykh E., Patel A. A. , Miller E. J. , Bozkurt B., Yagmurlu K., Woolf E. C. , Scheck A. C. , Eschbacher J. M. , Nakaji P., Preul M. C.
CANCER MANAGEMENT AND RESEARCH, vol.10, pp.3109-3123, 2018 (Journal Indexed in SCI)
- XI. **Quantitative Comparison of Three Endoscopic Approaches to the Parasellar Region: Laboratory Investigation**
Belykh E., Yagmurlu K., Hong Y., Mooney M. A. , Bozkurt B., Byvaltsev V. A. , Nakaji P., Preul M. C.
WORLD NEUROSURGERY, vol.108, pp.383-392, 2017 (Journal Indexed in SCI)
- XII. **C1 lateral mass screw insertion from the caudal-dorsal to the cranial ventral direction as an alternate method for C1 fixation: A quantitative anatomical and morphometric evaluation**
Senoglu M., Karadag A., Kinali B., Bozkurt B., Icke C., Savran D. H. , Middlebrooks E. H.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.42, pp.176-181, 2017 (Journal Indexed in SCI)
- XIII. **Cortical Bone Trajectory Screw for Lumbar Fixation: A Quantitative Anatomic and Morphometric Evaluation**
Senoglu M., Karadag A., Kinali B., Bozkurt B., Middlebrooks E. H. , Grande A. W.
WORLD NEUROSURGERY, vol.103, pp.694-701, 2017 (Journal Indexed in SCI)
- XIV. **Fiber Connections of the Supplementary Motor Area Revisited: Methodology of Fiber Dissection, DTI, and Three Dimensional Documentation**
Bozkurt B., Yagmurlu K., Middlebrooks E. H. , Cayci Z., Cevik O. M. , Karadag A., Moen S., Tanriover N., Grande A. W.
JOVE-JOURNAL OF VISUALIZED EXPERIMENTS, 2017 (Journal Indexed in SCI)
- XV. **A contemporary framework of language processing in the human brain in the context of preoperative and intraoperative language mapping**
Middlebrooks E. H. , Yagmurlu K., Szaflarski J. P. , Rahman M., Bozkurt B.
NEURORADIOLOGY, vol.59, pp.69-87, 2017 (Journal Indexed in SCI)
- XVI. **Transcortical selective amygdalohippocampectomy technique through the middle temporal gyrus revisited: An anatomical study laboratory investigation**
Bozkurt B., Centeno R. d. S. , Chaddad-Neto F., Silva da Costa M. D. , Acosta Goiri M. A. , Karadag A., Tugcu B., Ovalioglu T. C. , Tanriover N., Kaya S., et al.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.34, pp.237-245, 2016 (Journal Indexed in SCI)
- XVII. **Microsurgical and Tractographic Anatomy of the Supplementary Motor Area Complex in Humans**
Bozkurt B., Yagmurlu K., Middlebrooks E. H. , Karadag A., Ovalioglu T. C. , Jagadeesan B., Sandhu G., Tanriover N., Grande A. W.
WORLD NEUROSURGERY, vol.95, pp.99-107, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Frontal Lob Assosiyasyon Yolakları: Kadavra Çalışması**
BOZKURT B., Yagmurlu K., ÇIRAK M., TANRIÖVER N.

- Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.40, pp.236-241, 2020 (Other Refereed National Journals)
- II. **Vagus Nerve Injury During Carotid Endarterectomy: A Cadaveric Study**
Çırak M., BOZKURT B., Yagmurlu K.
MEDICAL JOURNAL OF BAKIRKOY, vol.16, pp.33-39, 2020 (Journal Indexed in ESCI)
- III. **Beyin Sapı Lezyonlarına Cerrahi Yaklaşımlar**
BOZKURT B., Yagmurlu K.
Türk Nöroşirürji Dergisi, vol.30, pp.63-74, 2020 (Other Refereed National Journals)
- IV. **Serebellum Flokkulonodüler Sistemin Mikrocerrahi Anatomisi: Kadavra Çalışması**
BOZKURT B., ÇIRAK M.
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- V. **Beyin Sapı Lezyonlarına Yaklaşım**
BOZKURT B., ELMACI İ.
Türk Nöroşirürji Dergisi, vol.29, pp.105-109, 2019 (Other Refereed National Journals)
- VI. **Microvascular anastomosis under 3D exoscope or endoscope magnification: A proof-of-concept study**
Belykh E., George L., Zhao X., Carotenuto A., Moreira L., Yağmurlu K., BOZKURT B., Byvaltsev V., Nakaji P., Preul M. C.
Surgical Neurology International, vol.9, pp.115, 2018 (Refereed Journals of Other Institutions)
- VII. **A Rare History: an Intracranial Nail Present for Over a Half-Century**
Durmaz O., Karadag A., Ozer F. D. , Camlar M., Middlebrooks E. H. , BOZKURT B., Senoglu M.
Acta Medica (Hradec Kralove, Czech Republic), vol.60, pp.124-126, 2017 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Talamik Pedinküller**
BOZKURT B.
in: FONKSİYONUN CERRAHİ ANATOMİSİ, Biçeroğlu Hüseyin, Töngge Mehmet, Seçkin Mustafa, Adıgüzel Esat, Gürvit Hakan, Hancı Murat, Editor, İntertıp Yayınevi, İzmir, pp.459-464, 2020
- II. **Forel'in H1 ve H2 Alanları, Zona İnserta ve Subtalamik Fasikül**
BOZKURT B., Çevik O. M.
in: FONKSİYONUN CERRAHİ ANATOMİSİ, Biçeroğlu Hüseyin, Töngge Mehmet, Seçkin Mustafa, Adıgüzel Esat, Gürvit Hakan, Hancı Murat, Editor, İntertıp Yayınevi, İzmir, pp.575-580, 2019
- III. **Dentorubrotalamik Yolak**
BOZKURT B.
in: FONKSİYONUN CERRAHİ ANATOMİSİ, Biçeroğlu Hüseyin, Töngge Mehmet, Seçkin Mustafa, Adıgüzel Esat, Gürvit Hakan, Hancı Murat, Editor, İntertıp Yayınevi, İzmir, pp.581-586, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **RETROSIGMOID VE FAR LATERAL YAKLAŞIM VE MODİFİKASYONLARI**
BOZKURT B.
Kafa Tabanı Derneği, 4. Kafa Tabanı Kongresi, İstanbul, İstanbul, Turkey, 6 - 07 December 2019
- II. **Lateral Ventriküllere Anterior İnterhemisferik Transkallosal Ulaşım: III. Ventriküle İnterfornezyal, Transkoroidal - Subkoroidal Yaklaşımlar**
BOZKURT B.
15. Sinir Sistemi Cerrahisi Kongresi, Edirne, Turkey, 21 - 24 November 2019
- III. **Microsurgical and Tractographic Anatomy of the Supplementary Motor Area Complex in Humans**
BOZKURT B., Yagmurlu K., Middlebrooks E. H. , Çevik O. M. , TANRIÖVER N., Grande A. W.
16. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 25 August 2017, vol.27, pp.77
- IV. **Transcallosal Transsplenial Pineal Approaches: Anterior and Posterior Routes**

Cevik O. M. , BOZKURT B., Yagmurlu K., EMEL E., Moen S., Grande A.

16. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 25 August 2017, vol.27, pp.73

- V. **C1 Lateral Mass Screw Insertion from the Caudal-Dorsal to the Cranial-Ventral Direction as an Alternate Method for C1 Fixation: An Anatomical and Morphometric Evaluation**
ŞENOĞLU M., Karadağ A., Kınalı B., BOZKURT B., İçke Ç., Savran D. H. , Middlebrooks E. H.
16. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 25 August 2017, vol.27, pp.247-248
- VI. **The Proper Head Positioning for Middle Cerebral Artery Bifurcation Aneurysms Based on Dome Projections: Anatomical Study**
Karadağ A., BOZKURT B., Yagmurlu K., Sandhu G., Senoglu M., Ozdemir N., Moen S., Ozer F. D. , Grande A. W.
16. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 25 August 2017, vol.27, pp.297
- VII. **Cortical Bone Trajectory Screw for Lumbar Fixation: A Quantitative Anatomical and Morphometric Evaluation**
ŞENOĞLU M., Karadağ A., Kınalı B., BOZKURT B., Middlebrooks E. H. , Grande A. W.
16. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 25 August 2017, vol.27, pp.231
- VIII. **Comparative Surgical Anatomy of the AnteriorInterhemispheric Approach and Pterional Approach forAnterior Communicating Artery Aneurysms**
Karadağ A., BOZKURT B., Sandhu G., Moen S., Grande A. W.
16. World Congress of Neurosurgery, İstanbul, Turkey, 20 - 25 August 2017, vol.27, pp.297
- IX. **Suplementar motor alanın bağlantıları ve cerrahideki önemi**
BOZKURT B.
11. Sinir Sistemi Cerrahisi Kongresi, Antalya, Turkey, 5 - 08 November 2015, pp.17-18
- X. **FRONTAL BÖLGEDEKİ GÜNCEL AK MADDE YOLU: FRONTAL ASLANT TRAKT**
BOZKURT B., Yağmurlu K., TUĞCU B., Ovalioğlu T. C. , Ayvasov R., TANRIÖVER N.
Türk Nöroşirürji Derneği 29. Bilimsel Kongresi, Antalya, Turkey, 17 - 21 April 2015, vol.25, pp.105
- XI. **TRANSSFENOİDAL CERRAHİNİN ÖNEMLİ BİR KOMPLİKASYONU RİNORE**
BOZKURT B., Uysal M. L. , Asiltürk M., EMEL E.
Türk Nöroşirürji Derneği, 28. Bilimsel Kongresi, Antalya, Turkey, 4 - 08 April 2014, vol.24, pp.299-300
- XII. **AKRİLİK İLE YAPILAN KRANİOPLASTİLERDE KLİNİK SONUÇLARIMIZ**
Üçer M., Gündüz H. B. , Uysal M. L. , BOZKURT B., Aydın İ., Öztürk A.
Türk Nöroşirürji Derneği, 28. Bilimsel Kongresi, Antalya, Turkey, 4 - 08 April 2014, vol.24, pp.365-366
- XIII. **Lomber İnstabiltede Dinamik Myelografinin Tanı ve Tedavideki Yeri**
EMEL E., Kına H., GÜNALDI Ö., TUĞCU B., Demirci H., BOZKURT B., Ofluoğlu A. E.
Türk Nöroşirürji Derneği, 28. Bilimsel Kongresi, Antalya, Turkey, 4 - 08 April 2014, vol.24, pp.98
- XIV. **BİLGİSAYARLI TOMOGRAFİ REHBERLİĞİNDE STEREOTAKTİK BEYİN BİOPSİ TEKNİĞİNİN KLİNİĞİMİZDE 20 YILLIK SONUÇLARIN DEĞERLENDİRİLMESİ**
Üçer M., Gündüz H. B. , Uysal M. L. , Öztürk A., BOZKURT B., EMEL E.
Türk Nöroşirürji Derneği, 28. Bilimsel Kongresi, Antalya, Turkey, 4 - 08 April 2014, vol.24, pp.359
- XV. **Olfaktor Oluk Meningioma Cerrahisi Sonucu Karşı Tarafda Meydana Gelen Venöz İnfarktüs Olgusu**
Gündüz H. B. , Üçer M., EMEL E., BOZKURT B., Öztürk A.
Türk Nöroşirürji Derneği, 28. Bilimsel Kongresi, Antalya, Turkey, 4 - 08 April 2014, vol.24, pp.261-262
- XVI. **SUBARAKNOİD KANAMA İLE BAŞVURAN VE İNTRAKRANİYALÇOĞUL ANEVRİZMA TESPİT EDİLMİŞ 29 OLGUNUN ANALİZİ**
BOZKURT B., Polat S., Asiltürk M., Üçer M., EMEL E.
Türk Nöroşirürji Derneği, 28. Bilimsel Kongresi, Antalya, Turkey, 4 - 08 April 2014, vol.24, pp.329
- XVII. **Hidrosefali Sonuçlarımız: Bakırköy Ruh ve Sinir Hastalıkları 2006-2012 Hidrosefali Olgularının Geriye Dönük İncelenmesi**
Öztürk A., Aydın İ., BOZKURT B., EMEL E.
Türk Nöroşirürji Derneği 27. Bilimsel Kongresi, Antalya, Turkey, 12 - 16 April 2013, vol.23, pp.88
- XVIII. **Koksiks Fraktürlü 4 Olgunun Klinik Değerlendirme ve Tedavisi: Olgu sunumu**
BOZKURT B., Kına H., Ofluoğlu A. E. , TUĞCU B., Demirgil B. T. , EMEL E.
Türk Nöroşirürji Derneği, 27. Bilimsel Kongresi, Antalya, Turkey, 12 - 16 April 2013, vol.23, pp.116

Citations

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