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Kişisel Bilgiler

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Eğitim Bilgileri

Tıpta Uzmanlık, Atatürk Üniversitesi, Tıp Fakültesi, Beyin Cerrahisi Anabilim Dalı, Türkiye 1991 - 1996

Yabancı Diller

İngilizce, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

Sağlık ve Tıp, Emory University Neuroscience Lab, Emory University Atlanta ABD, 2011

Sağlık ve Tıp, Maastricht University, Neuroscience, 2008

Yaptığı Tezler

Tıpta Uzmanlık, Mide Kanseri Vagal Sinir İlişkileri, Atatürk Üniversitesi, Tıp Fakültesi, Beyin Cerrahisi Anabilim Dalı, 2017

Tıpta Uzmanlık, BCCAL nun PCOMA ya etkisi, Sağlık Bilimleri Üniversitesi, Bakırköy Hastanesi, Beyin Cerrahisi, 2006

Araştırma Alanları

Tıp, Sağlık Bilimleri, Temel Tıp Bilimleri, Anatomi, Biyofizik, Histoloji-Embriyoloji, Cerrahi Tıp Bilimleri, Sinir Sistemi Cerrahisi, Fizik, Elektromanyetizma, Akustik, Isı Transferi, Klasik Mekanik ve Akışkanlar Dinamiği, Akustik, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Atatürk Üniversitesi, Tıp Fakültesi, Nöroşirürji, 2011 - Devam Ediyor

Mesleki Deneyim

Bölüm Başkanı, Atatürk Üniversitesi, 2017 - 2017

Yönetilen Tezler

AYDIN M. D. , Vagal sinir Mide kanseri ilişkileri, Tıpta Uzmanlık, S.Kara(Öğrenci), 2017

AYDIN M. D. , BCCAL'nin PComA'ya Etkisi, Tıpta Uzmanlık, M.KARALAR(Öğrenci), 2006

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Olfactory bulbectomy and raphe nucleus relationship: a new vision for well-known depression model.

OZCAN H., AYDIN N., Aydin M. D. , ORAL E., GUNDOĞDU C., SIPAL S., HALICI Z.
Nordic journal of psychiatry, ss.1-7, 2019 (SCI İndekslerine Giren Dergi)

- **Effect of Vasa Vasorum on Basilar Artery Vasospasm Following Subarachnoid Hemorrhage.**
OZONER B., ÇAKIR T., KAYACI S., Aydin M. D. , AYDIN S., DEMİRÇİ E.
World neurosurgery, cilt.131, 2019 (SCI İndekslerine Giren Dergi)
- **Exploring of the Unpredicted Effects of Olfactory Network Injuries on Mammary Gland Degeneration: A Preliminary Experimental Study.**
KARADENİZ E., KOCAK M., AHISKALIOĞLU A., NALCI K. A. , OZMEN S., AKCAY M., AYDIN N., Aydin M. D. , HACIMUFTUOĞLU A.
Journal of investigative surgery : the official journal of the Academy of Surgical Research, cilt.32, ss.624-631, 2019 (SCI İndekslerine Giren Dergi)
- **Describing a New Mechanism of Retinal Detachment Secondary to Ophthalmic Artery Vasospasm Following Subarachnoid Hemorrhage: An Experimental Study**
Findik H., Kanat A., AYDIN M. D. , ÇAKIR M., Ozmen S. A. , Okutucu M., BAYKAL O., ŞİPAL S.
JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, cilt.80, ss.430-440, 2019 (SCI İndekslerine Giren Dergi)
- **Disruption of the network between Onuf's nucleus and myenteric ganglia, and developing Hirschsprung-like disease following spinal subarachnoid haemorrhage: an experimental study.**
CAGLAR O., FIRINCI B., Dumlu A., KARADENİZ E., AHISKALIOĞLU A., SIPAL S., YİĞİTER M., Bedii S.
The International journal of neuroscience, cilt.129, ss.1076-1084, 2019 (SCI İndekslerine Giren Dergi)
- **Relationship between subarachnoid and central canal hemorrhage and spasticity: A first experimental study.**
KAYACI S., Aydin M. D. , OZONER B., ÇAKIR T., BAS O., SIPAL S.
The journal of spinal cord medicine, ss.1-9, 2019 (SCI İndekslerine Giren Dergi)
- **Water-Filled Vesicles of Choroid Plexus Tumors.**
AYDIN M. D. , Kanat A., Karaavci N. C. , Sahin H., Ozmen S.
The Journal of craniofacial surgery, cilt.30, ss.2171-2173, 2019 (SCI Expanded İndekslerine Giren Dergi)
- **Neurogenic Stress Cardiomyopathy Following Subarachnoid Hemorrhage Is Associated with Vagal Complex Degeneration: First Experimental Study.**
KOZA Y., AYDIN N., AYDIN M. D. , KOZA E. A. , BAYRAM E., ATALAY C., ALTAS E., Kursad H., KABALAR M. E.
World neurosurgery, cilt.129, 2019 (SCI İndekslerine Giren Dergi)
- **First emerging objective experimental evidence of hearing impairment following subarachnoid haemorrhage; Felix culpa, phonophobia, and elucidation of the role of trigeminal ganglion.**
CELİKER M., KANAT A., Aydin M. D. , OZDEMİR D., AYDIN N., YOLAS C., CALIK M., PEKER H.
The International journal of neuroscience, cilt.129, ss.794-800, 2019 (SCI İndekslerine Giren Dergi)
- **Predeterminative role of Onuf's nucleus ischemia on mesenteric artery vasospasm in spinal subarachnoid hemorrhage: A preliminary experimental study**
KARADENİZ E., ÇAĞLAR Ö., FIRINCI B., AHISKALIOĞLU A., AYDIN M. D. , KOÇAK M. N. , TAGHIZADEHGHALEHJOUGHİ A., YİĞİTER M., ŞİPAL S., GÜNDOĞDU B.
ASIAN JOURNAL OF SURGERY, cilt.42, ss.797-804, 2019 (SCI İndekslerine Giren Dergi)
- **Toward understanding the causes of blood pH irregularities and the roles of newly described binuclear neurons of carotid bodies on blood pH regulation during subarachnoid hemorrhage: Experimental study.**
OZMEN S., ALTINKAYNAK K., Aydin M. D. , AHISKALIOĞLU A., DEMİRÇİ T., ÖZLÜ C., KANAT A., AYDIN N.
Neuropathology : official journal of the Japanese Society of Neuropathology, cilt.39, ss.259-267, 2019 (SCI İndekslerine Giren Dergi)
- **The casual association of cervical spinal cord ischemia and axonal degeneration in second motor neuron following subarachnoid hemorrhage: Experimental study.**
KILIC M., KILIC B., Dumlu A., YILMAZ I., YILMAZ A., YILMAZ F., KURT A., Nuri K.
Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia, cilt.66, ss.235-238, 2019 (SCI İndekslerine Giren Dergi)
- **Brachial Artery Vasospasm Caused by Cervical Dorsal Root Ganglion Degeneration After Subarachnoid Hemorrhage: An Experimental Study.**

KAYACI S., ÇAKIR T., Aydın M. D. , KANAT A., OMEROGU M. A. , LEVENT A., KANTARCI A., DIYARBAKIRLI S., DEMIRCI E.

World neurosurgery, cilt.126, 2019 (SCI İndekslerine Giren Dergi)

- **A New Neuropathologic Mechanism of Blood pH Irregularities After Neck Trauma: Importance of Carotid Body-Glossopharyngeal Nerve Network Degeneration.**

ÇAKIR T., KAYACI S., Aydın M. D. , OZONER B., ÇALIK İ., ALTINKAYNAK K.

World neurosurgery, cilt.125, 2019 (SCI İndekslerine Giren Dergi)

- **Paradoxical Relations between Basilar Artery Reconfiguration and Superior Cervical Ganglia Ischemia After Bilateral Common Carotid Artery Ligation.**

KILIC M., KILIC B., Aydın M. D. , KANAT A., YILMAZ I., ESEOGLU M., GUNDOGDU B.

World neurosurgery, cilt.125, 2019 (SCI İndekslerine Giren Dergi)

- **Predictive Role of the Cervical Sympathetic Trunk Ischemia on Lower Heart Rates in an Experimentally Induced Stenoocclusive Carotid Artery Model by Bilateral Common Carotid Artery Ligation**

KOZA Y., BAYRAM E., AYDIN M. D. , ATALAY C., ÖNEN M. R. , Ozturk C., ŞİPAL S., DEMİRÇİ E., LEVENT A.

CARDIOVASCULAR TOXICOLOGY, cilt.19, ss.56-61, 2019 (SCI İndekslerine Giren Dergi)

- **Spinal Subarachnoid Hemorrhage Induced Intractable Miotic Pupil. A Reminder of Ciliospinal Sympathetic Center Ischemia Based Miosis: An Experimental Study.**

Aydın M. D. , KANAT A., YOLAS C., SOYALP C., ONEN M., YILMAZ I., KARAAVCIN. Ç. , CALIK M., BAYKAL O., RAMAZANOGLU L.

Turkish neurosurgery, cilt.29, ss.434-439, 2019 (SCI İndekslerine Giren Dergi)

- **Understanding of Dry Eye in Subarachnoid Hemorrhage: An Experimental Study on the Role of Facial Nerve Ischemia.**

TANRIVERDI O., Aydın M. D. , ONEN M., YILMAZ I., KILIC M., AYDIN N., DUMAN A., OZMEN S.

Turkish neurosurgery, cilt.29, ss.362-368, 2019 (SCI İndekslerine Giren Dergi)

- **A new described mechanisms of intestinal glandular atrophy induced by vagal nerve/Auerbach network degeneration following subarachnoid hemorrhage: The first experimental study**

Çakir M., AHISKALIOĞLU A., KARADENİZ E., AYDIN M. D. , MALÇOK Ü. A. , Soyalp C., ÇALIKOĞLU Ç., ŞENGÜL G., ŞİPAL S., Yayik A. M.

JOURNAL OF CLINICAL NEUROSCIENCE, cilt.59, ss.305-309, 2019 (SCI İndekslerine Giren Dergi)

- **Unpublished Neuropathologic Mechanism Behind the Muscle Weakness/Paralysis and Gait Disturbances Induced by Sciatic Nerve Degeneration After Spinal Subarachnoid Hemorrhage: An Experimental Study.**

KILIC M., Aydın M. D. , DEMIRCI E., KILIC B., YILMAZ I., TANRIVERDI O., KANAT A.

World neurosurgery, cilt.119, 2018 (SCI İndekslerine Giren Dergi)

- **Reconsideration of Neurogenic Pulmonary Edema as Source of Metastatic Cerebral Abscess Following Subarachnoid Hemorrhages: A Preliminary Study.**

GÖKYAR A., Aydın M. D. , OZMEN S., DEMIRCI E., MARANGOZ A., KURUOĞLU E., ÇOKLUK C.

World neurosurgery, cilt.115, 2018 (SCI İndekslerine Giren Dergi)

- **How Reliable Is Pupillary Evaluation Following Subarachnoid Hemorrhage? Effect of Oculomotor Nerve Degeneration Secondary to Posterior Communicating Artery Vasospasm: First Experimental Study.**

OZTURK C., OZDEMIR N., KANAT A., Aydın M. D. , FINDIK H., AYDIN N., KABALAR M., KAZDAL H., YOLAS C., BAYKAL O., et al.

Journal of neurological surgery. Part A, Central European neurosurgery, cilt.79, ss.302-308, 2018 (SCI İndekslerine Giren Dergi)

- **The sooth beneath the taste roseas in the urethra and first description of neuro-morpho-chemical mechanism of penile erectile posture in males: an experimental study.**

Aydın M. D. , AYDIN N., KANAT A., AKCA N., ARDIC G., YOLAS C., ALTINKAYNAK K., CALIK M.

The International journal of neuroscience, cilt.128, ss.663-669, 2018 (SCI İndekslerine Giren Dergi)

- **A New Technique in Surgical Management of the Giant Cerebral Hydatid Cysts.**

Aydın M. D. , KARAAVCIN. Ç. , AKYUZ M., SAHIN M. H. , ZEYNAL M., KANAT A., ALTINORS M.

The Journal of craniofacial surgery, cilt.29, ss.778-782, 2018 (SCI Expanded İndekslerine Giren Dergi)

- **Uncovering the Forgotten Effect of Superior Cervical Ganglia on Pupil Diameter in Subarachnoid Hemorrhage: an Experimental Study**

Onen M. R. , Yilmaz I., Ramazanoglu L., AYDIN M. D. , KELEŞ S., BAYKAL O., Aydin N., GÜNDOĞDU C.
TURKISH NEUROSURGERY, cilt.28, ss.48-55, 2018 (SCI İndekslerine Giren Dergi)

- **Rationalization of the Irrational Neuropathologic Basis of Hypothyroidism-Olfaction Disorders Paradox: Experimental Study.**
AYDIN N., RAMAZANOGLU L., ONEN M., YILMAZ I., Aydin M. D. , ALTINKAYNAK K., CALIK M., KANAT A.
World neurosurgery, cilt.107, ss.400-408, 2017 (SCI İndekslerine Giren Dergi)
- **New Evidence for Causal Central Mechanism of Hyperglycemia in Subarachnoid Hemorrhage Secondary to Ischemic Degenerative Disruption of Circuitry Among Insular Cortex, Nodose Ganglion, and Pancreas: Experimental Study.**
Aydin M. D. , KANAT A., AYDIN N., KANTARCI A., AYVAZ M., RAKICI H., YOLAS C., KEPOGLU U., DEMIRCI E.
World neurosurgery, cilt.106, ss.570-577, 2017 (SCI İndekslerine Giren Dergi)
- **A New Determinant of Poor Outcome After Spontaneous Subarachnoid Hemorrhage: Blood pH and the Disruption of Glossopharyngeal Nerve-Carotid Body Network: First Experimental Study.**
KANAT A., Aydin M. D. , BAYRAM E., KAZDAL H., AYDIN N., OMEROGLU M. A. , ALTINKAYNAK K., KABALAR M., YOLAS C., OZTURK C., et al.
World neurosurgery, cilt.104, ss.330-338, 2017 (SCI İndekslerine Giren Dergi)
- **Inverse Association Between Basilar Artery Volume and Neuron Density in the Stellate Ganglion Following Bilateral Common Carotid Artery Ligation: An Experimental Study.**
YILMAZ I., ESEOGLU M., ONEN M., TANRIVERDİ O., KILIC M., YILMAZ A., MUSLUMAN A., Aydin M. D. , GUNDOGDU C.
World neurosurgery, cilt.100, ss.138-143, 2017 (SCI İndekslerine Giren Dergi)
- **Predictive Role of External Carotid Artery Vasospasm on Cerebral Ischemia After Subarachnoid Hemorrhage: Experimental Study.**
OZDEMİR N., Aydin M. D. , YOLAS C., KANAT A., LEVENT A., GUNDOGDU C., AYDIN N.
Turkish neurosurgery, cilt.27, ss.874-883, 2017 (SCI İndekslerine Giren Dergi)
- **Effect of stellate ganglion ischaemia on vertebral artery remodelling after bilateral common carotid artery ligation: an experimental study**
YILMAZ A., TANRIVERDİ O., YILMAZ İ., URGUN K., MÜSLÜMAN A. M. , ÇALIK M., AYDIN M. D.
International Journal of Clinical and Experimental Medicine, cilt.10, ss.15622-15631, 2017 (SCI İndekslerine Giren Dergi)
- **An experimental study of the neurophysical mechanisms of photophobia induced by subarachnoid hemorrhage.**
AYDIN N., KOTAN D., KELES S., ONDAS O., Aydin M. D. , BAYKAL O., GUNDOGDU B.
Neuroscience letters, cilt.630, ss.93-100, 2016 (SCI İndekslerine Giren Dergi)
- **Rational Roots of Sympathetic Overactivity by Neurogenic Pulmonary Edema Modeling Arising from Sympathico-Vagal Imbalance in Subarachnoid Hemorrhage: An Experimental Study.**
ONEN M., YILMAZ I., RAMAZANOGLU L., TANRIVERDİ O., Aydin M. D. , KANAT A., YOLAS C., SIPAL S.
World neurosurgery, cilt.92, ss.463-470, 2016 (SCI İndekslerine Giren Dergi)
- **Uncovering a New Cause of Obstructive Hydrocephalus Following Subarachnoid Hemorrhage: Choroidal Artery Vasospasm-Related Ependymal Cell Degeneration and Aqueductal Stenosis-First Experimental Study.**
YOLAS C., OZDEMİR N., KANAT A., Aydin M. D. , KELES P., KEPOGLU U., AYDIN N., GUNDOGDU C.
World neurosurgery, cilt.90, ss.484-491, 2016 (SCI İndekslerine Giren Dergi)
- **The Important Liaison Between Onuf Nucleus-Pudendal Nerve Ganglia Complex Degeneration and Urinary Retention in Spinal Subarachnoid Hemorrhage: An Experimental Study.**
YOLAS C., KANAT A., Aydin M. D. , OZTURK C., KABALAR E., AKCA N., EREN H., GUNDOGDU C., KOTAN D., AYDIN N.
World neurosurgery, cilt.89, ss.208-14, 2016 (SCI İndekslerine Giren Dergi)
- **Unraveling of the Effect of Nodose Ganglion Degeneration on the Coronary Artery Vasospasm After Subarachnoid Hemorrhage: An Experimental Study**
Yolas C., KANAT A., AYDIN M. D. , ALTAŞ E., Kanat I. F. , KAZDAL H., Duman A., GÜNDOĞDU B., Gursan N.
WORLD NEUROSURGERY, cilt.86, ss.79-87, 2016 (SCI İndekslerine Giren Dergi)
- **Parallel development of choroid plexus degeneration and meningeal inflammation in subarachnoid**

hemorrhage - experimental study.

KOTAN D., Aydın M. D. , GUNDOĞDU C., AYGUL R., AYDIN N., ULVI H.

Advances in clinical and experimental medicine : official organ Wroclaw Medical University, cilt.23, ss.699-704, 2014 (SCI İndekslerine Giren Dergi)

- **Changes in number of water-filled vesicles of choroid plexus in early and late phase of experimental rabbit subarachnoid hemorrhage model: the role of petrous ganglion of glossopharyngeal nerve.**
Aydın M. D. , KANAT A., TURKMENOĞLU O., YOLAS C., GUNDOĞDU C., AYDIN N.
Acta neurochirurgica, cilt.156, ss.1311-7, 2014 (SCI İndekslerine Giren Dergi)
- **The role of sympathectomy on the regulation of basilar artery volume changes in stenooclusive carotid artery modeling after bilateral common carotid artery ligation: an animal model.**
ESEĞLU M., YILMAZ I., KARALAR M., Aydın M. D. , KAYACI S., GUNDOĞDU C., GUNALDI O., ONEN M.
Acta neurochirurgica, cilt.156, ss.963-9, 2014 (SCI İndekslerine Giren Dergi)
- **Important casual association of carotid body and glossopharyngeal nerve and lung following experimental subarachnoid hemorrhage in rabbits. First report.**
YOLAS C., KANAT A., Aydın M. D. , TURKMENOĞLU O., GUNDOĞDU C.
Journal of the neurological sciences, cilt.336, ss.220-6, 2014 (SCI İndekslerine Giren Dergi)
- **Taste bud-like structures in penile tissues and a predictive neural mechanism of male orgasm: A preliminary hypothesis based on histological evidence**
AYDIN M. D. , AYDIN N., Dane Ş., Gündoğdu C., Gürsan N., Akçay F., Serarslan Y.
Neurology Psychiatry and Brain Research, cilt.20, ss.55-62, 2014 (SCI Expanded İndekslerine Giren Dergi)
- **Effects of ischemic phrenic nerve root ganglion injury on respiratory disturbances in subarachnoid hemorrhage: an experimental study.**
ULVI H., DEMİR R., AYGUL R., KOTAN D., CALIK M., Aydın M. D.
Archives of medical science : AMS, cilt.9, ss.1125-31, 2013 (SCI İndekslerine Giren Dergi)
- **Toward changing of the pathophysiologic basis of acute hydrocephalus after subarachnoid hemorrhage: a preliminary experimental study.**
KANAT A., TURKMENOĞLU O., Aydın M. D. , YOLAS C., AYDIN N., GURSAN N., TUMKAYA L., DEMİR R.
World neurosurgery, cilt.80, ss.390-5, 2013 (SCI İndekslerine Giren Dergi)
- **Role of the trigeminal system on posterior communicating artery remodelization after bilateral common carotid artery ligation.**
AYGUL R., Aydın M. D. , KOTAN D., DEMİR R., ULVI H., KARALAR M., NALBANTOĞLU N., ESEĞLU M.
Analytical and quantitative cytopathology and histopathology, cilt.35, ss.217-25, 2013 (SCI İndekslerine Giren Dergi)
- **How olfaction disorders can cause depression? The role of habenular degeneration**
ORAL E. A. , AYDIN M. D. , AYDIN N., ÖZCAN H., HACIMÜFTÜOĞLU A., ŞİPAL S., DEMİRÇİ E.
Neuroscience, cilt.240, ss.63-69, 2013 (SCI İndekslerine Giren Dergi)
- **Vagal Nerve Degeneration and Pulmonary Artery Vasospasm After Subarachnoid Hemorrhage**
AYDIN M. D. , Ungoren M. K. , İzci Y., AÇIKEL M., GÜNDOĞDU C., GÜRSAN N.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, cilt.30, ss.369-376, 2013 (SCI İndekslerine Giren Dergi)
- **Chronic treatment of haloperidol induces pathological changes in striatal neurons of guinea pigs: a light and electron microscopical study.**
ALTUNKAYNAK B., OZBEK E., UNAL B., AYDIN N., Aydın M. D. , VURALER O.
Drug and chemical toxicology, cilt.35, ss.406-11, 2012 (SCI İndekslerine Giren Dergi)
- **The Relationship Between the Neuron Density of the Trigeminal Ganglion and the Posterior Communicating Artery Vasospasm in Subarachnoid Hemorrhage: An Experimental Study**
AYDIN M. D. , Serarslan Y., Gundogdu C., AYDIN N., AYGÜL R., Kotan D., Ulvi H., ONDER A., KANAT A.
NEUROSURGERY QUARTERLY, cilt.22, ss.1-6, 2012 (SCI İndekslerine Giren Dergi)
- **Role of neuron density of the stellate ganglion on regulation of the basilar artery volume in subarachnoid hemorrhage: An experimental study.**
KAYACI S., KANAT A., Aydın M. D. , MUSLUMAN A., ESEĞLU M., KARALAR M., GUNDOĞDU C.
Autonomic neuroscience : basic & clinical, cilt.165, ss.163-7, 2011 (SCI İndekslerine Giren Dergi)
- **The role of ischemic neurodegeneration of the nodose ganglia on cardiac arrest after subarachnoid hemorrhage: an experimental study.**

Aydin M. D. , KANAT A., YILMAZ A., ÇAKIR M., EMET M., ÇAKIR Z., ASLAN S., ALTAS S., GUNDOĞDU C.
Experimental neurology, cilt.230, ss.90-5, 2011 (SCI İndekslerine Giren Dergi)

- **Post-traumatic glioblastoma multiforme: a case report.**

COSKUN S., COSKUN A., GURSAN N., Aydin M. D.

The Eurasian journal of medicine, cilt.43, ss.50-3, 2011 (SCI Expanded İndekslerine Giren Dergi)

- **Effects of haloperidol on striatal neurons: relation to neuronal loss (a stereological study).**

ALTUNKAYNAK B., OZBEK E., AYDIN N., Aydin M. D. , ALTUNKAYNAK M., VURALER O., UNAL B.

Folia neuropathologica, cilt.49, ss.21-7, 2011 (SCI İndekslerine Giren Dergi)

- **Te effects of impulse noise on the epithelial cells of the choroid plexus Ses impulslarinin koroid pleksus epitel hücreleri üzerine etkisi**

AYDIN M. D. , UNGOREN M. K. , AYDIN N., HALICI Z., Onder A., Gundogdu C., IZCF Y.

Turkish Neurosurgery, cilt.21, ss.191-196, 2011 (SCI İndekslerine Giren Dergi)

- **The effect of choroidal artery vasospasm on choroid plexus injury in subarachnoid hemorrhage: experimental study.**

YILMAZ A., Aydin M. D. , KANAT A., MUSLUMAN A., ALTAS S., AYDIN Y., CALIK M., GURSAN N.

Turkish neurosurgery, cilt.21, ss.477-82, 2011 (SCI İndekslerine Giren Dergi)

- **Role of degenerated neuron density of dorsal root ganglion on anterior spinal artery vasospasm in subarachnoid hemorrhage: experimental study.**

KANAT A., YILMAZ A., Aydin M. D. , MUSLUMAN M., ALTAS S., GURSAN N.

Acta neurochirurgica, cilt.152, ss.2167-72, 2010 (SCI İndekslerine Giren Dergi)

- **The contribution of chemoreceptor-network injury to the development of respiratory arrest following subarachnoid hemorrhage.**

Aydin M. D. , EROGLU A., TURKYILMAZ A., ERDEM A., ALICI H. A. , AYDIN N., ALTAS S., UNAL B.

The Eurasian journal of medicine, cilt.42, ss.47-52, 2010 (SCI Expanded İndekslerine Giren Dergi)

- **The Role of Trigeminal Ganglion Neuron Density in the Prevention of Subarachnoid Hemorrhage-induced Basilar Artery Vasospasm: An Experimental Study**

Onder A., SERARSLAN Y., AYDIN M. D. , Aydin N., ULVÍ H., Kotan D., Aygul R., GÜNDOĞDU C.

NEUROSURGERY QUARTERLY, cilt.19, ss.264-269, 2009 (SCI İndekslerine Giren Dergi)

- **Antihypertensive role of glossopharyngeal nerve stimulation by nifedipine using as calcium channel blocking agent in hypertension: An experimental study**

AYDIN M. D. , Bayram E., HALICI Z., AYDIN N., ATALAY C., Ulvi H., KOTAN D., Gundogdu C.

Archives of Pharmacal Research, cilt.32, ss.1607-1611, 2009 (SCI İndekslerine Giren Dergi)

- **Destructive effect of monopolar electrocautery knife usage on femoral artery endothelium during spine surgery: experimental study.**

BAYRAM E., CALIK M., ATALAY C., Aydin M. D. , GUNDOĞDU C., KOCATURK H.

The Eurasian journal of medicine, cilt.41, ss.91-4, 2009 (SCI Expanded İndekslerine Giren Dergi)

- **Number of axons in the right and left optic nerves of right-pawed and left-pawed rats: a stereologic study.**

YAZICIA. G. , MALKOÇ I., ALTUNKAYNAK B., ERDOĞAN A., Aydin M. D. , DANE S., CAN S., GUMUSTEKIN K., UNAL B.

Analytical and quantitative cytology and histology, cilt.31, ss.177-83, 2009 (SCI İndekslerine Giren Dergi)

- **The preventive role of thoracic duct ligation on cerebral fat embolism in lung injury: an experimental study.**

Aydin M. D. , EROGLU A., GUNDOĞDU C., TURKYILMAZ A., ALTAS S., AYDIN N.

Medical science monitor : international medical journal of experimental and clinical research, cilt.14, 2008 (SCI İndekslerine Giren Dergi)

- **Vascular mechanism of axonal degeneration in peripheral nerves in hemiplegic sides after cerebral hemorrhage: An experimental study.**

GUNDOĞDU C., Aydin M. D. , KOTAN D., AYDIN N., BAYRAM E., ULVI H., AYGUL R.

Journal of brachial plexus and peripheral nerve injury, cilt.3, ss.13, 2008 (SCI Expanded İndekslerine Giren Dergi)

- **Acute median nerve palsy due to hemorrhaged schwannoma: case report.**

Aydin M. D. , KOTAN D., KELES M.

Journal of brachial plexus and peripheral nerve injury, cilt.2, ss.19, 2007 (SCI Expanded İndekslerine Giren Dergi)

- **Intracerebral sewing needle.**
YOLAS C., Aydin M. D. , OZDIKICI M., AYDIN N., ONDER A.
Pediatric neurosurgery, cilt.43, ss.421-3, 2007 (SCI İndekslerine Giren Dergi)
- **Thrombogenic effect of facet denervation using in disc surgery on spinal radicular arteries: an experimental study.**
Aydin M. D. , YILDIRIM O., GUNDOGDU C., ONDER A., OKUR A.
Minimally invasive neurosurgery : MIN, cilt.49, ss.328-30, 2006 (SCI İndekslerine Giren Dergi)
- **The role of neuron numbers of the petrosal ganglion in the determination of blood pressure: an experimental study.**
Aydin M. D. , BAYRAM E., ATALAY C., AYDIN N., ERDOĞAN A., GUNDOGDU C., DIYARBAKIRLI S.
Minimally invasive neurosurgery : MIN, cilt.49, ss.359-61, 2006 (SCI İndekslerine Giren Dergi)
- **Mechanism of cerebral fat embolism in subarachnoid hemorrhage: an experimental study.**
Aydin M. D. , KOTAN D., AYDIN N., GUNDOGDU C., ONDER A., AKÇAY F.
Neuropathology : official journal of the Japanese Society of Neuropathology, cilt.26, ss.544-9, 2006 (SCI İndekslerine Giren Dergi)
- **Ganglionic mechanisms of spasticity and ileus in cerebral hemorrhage: an experimental study.**
Aydin M. D. , ERDOĞAN A., CEVLI S., GUNDOGDU C., DANE S., DIYARBAKIRLI S.
International journal of developmental neuroscience : the official journal of the International Society for Developmental Neuroscience, cilt.24, ss.455-9, 2006 (SCI İndekslerine Giren Dergi)
- **Histopathologic evaluation of neurogenic pulmonary edema after subarachnoid hemorrhage in rabbits.**
GUNDOGDU C., KIZILKAYA M., Aydin M. D. , ATALAY C., SEVİMLİ Z.
Neurosciences (Riyadh, Saudi Arabia), cilt.11, ss.158-61, 2006 (SCI İndekslerine Giren Dergi)
- **Histopathological changes in ciliary ganglion of rabbits with subarachnoid hemorrhage.**
Aydin M. D. , AKYOL-SALMAN I., SAHİN O.
The International journal of neuroscience, cilt.115, ss.1595-602, 2005 (SCI İndekslerine Giren Dergi)
- **Histopathological alterations in ciliary ganglions in meningitis: an experimental study.**
Aydin M. D. , ONDER S., ULVI H., ONDER A., BAYKAL O.
Minimally invasive neurosurgery : MIN, cilt.48, ss.297-301, 2005 (SCI İndekslerine Giren Dergi)
- **Disappearance of phantom limb pain during cauda equina compression by spinal meningioma and gradual reactivation after decompression.**
Aydin M. D. , CESUR M., AYDIN N., ALICI H. A.
Anesthesia and analgesia, cilt.101, 2005 (SCI İndekslerine Giren Dergi)
- **Protective effects of cisternal irrigation on leptomeningeal and cortical structures in meningitis: an experimental study.**
Aydin M. D. , GUNDOGDU C., AKÇAY F., GURSAN N.
Neurology India, cilt.53, ss.90-2, 2005 (SCI İndekslerine Giren Dergi)
- **Cerebral fat embolism: pulmonary contusion is a more important etiology than long bone fractures.**
Aydin M. D. , AKÇAY F., AYDIN N., GUNDOGDU C.
Clinical neuropathology, cilt.24, ss.86-90, 2005 (SCI İndekslerine Giren Dergi)
- **Antenatally diagnosed acrocallosal syndrome with intact corpus callosum: second affected offspring.**
TASTEKİN A., INGEÇ M., ONBAS O., ERDOĞAN F., İKBAL M., Aydin M. D. , ORS R.
Genetic counseling (Geneva, Switzerland), cilt.16, ss.425-8, 2005 (SCI İndekslerine Giren Dergi)
- **Neurodegenerative effects of monopolar electrocauterization on spinal ganglia in lumbar disc surgery.**
Aydin M. D. , DANE S., GUNDOGDU C., GURSAN N.
Acta neurochirurgica, cilt.146, 2004 (SCI İndekslerine Giren Dergi)
- **Malignant peripheral nerve sheath tumor of the orbit: case report and literature review.**
Aydin M. D. , YILDIRIM U., GUNDOGDU C., DURSUN O. B. , UYSAL H., OZDIKICI M.
Skull base : official journal of North American Skull Base Society ... [et al.], cilt.14, 2004 (SCI İndekslerine Giren Dergi)
- **Histopathologic changes in oculomotor nerve and ciliary ganglion in aneurysmatic compression injuries of oculomotor nerve.**
OZKAN U., Aydin M. D. , GUNDOGDU C., ONDER A.
Minimally invasive neurosurgery : MIN, cilt.47, ss.107-10, 2004 (SCI İndekslerine Giren Dergi)

- **The use of reservoir shunt in chronic subdural hematoma.**
Aydin M. D.
Neurology India, cilt.52, ss.121-2, 2004 (SCI İndekslerine Giren Dergi)
- **Sex and handedness differences in size of cerebral ventricles of normal subjects.**
ERDOĞAN A., DANE S., Aydin M. D. , OZDIKICI M., DIYARBAKIRLI S.
The International journal of neuroscience, cilt.114, ss.67-73, 2004 (SCI İndekslerine Giren Dergi)
- **Neurodegenerative effect of electrocauterization on spinal nerve root: an experimental study.**
Aydin M. D. , DANE S., ERDOGAN F., YOLAS C., EZIRMIK N., GUMUSTEKIN K.
The International journal of neuroscience, cilt.113, ss.1527-35, 2003 (SCI İndekslerine Giren Dergi)
- **A neuro-Behçet's lesion in oculomotor nerve nucleus.**
Aydin M. D. , AYDIN N.
Acta neurologica Scandinavica, cilt.108, ss.139-41, 2003 (SCI İndekslerine Giren Dergi)
- **Quadruplets hydatid cysts in brain ventricles: a case report.**
Aydin M. D. , OZKAN U., ALTINÖRS N.
Clinical neurology and neurosurgery, cilt.104, ss.300-2, 2002 (SCI İndekslerine Giren Dergi)
- **Analysis of 107 civilian craniocerebral gunshot wounds.**
OZKAN U., KEMALOĞLU S., OZATEŞ M., Aydin M. D.
Neurosurgical review, cilt.25, ss.231-6, 2002 (SCI İndekslerine Giren Dergi)
- **Widespread post-traumatic acute spinal subdural haematoma: case report and review of the literature.**
OZKAN U., KEMALOĞLU M., Aydin M. D. , SELÇUKI M.
Spinal cord, cilt.40, ss.304-6, 2002 (SCI İndekslerine Giren Dergi)
- **Right and left visual cortex areas in healthy subjects with right- and left-eye dominance.**
ERDOĞAN A., OZDIKICI M., Aydin M. D. , AKTAŞ O., DANE S.
The International journal of neuroscience, cilt.112, ss.517-23, 2002 (SCI İndekslerine Giren Dergi)
- **Protective effect of posterior cerebral circulation on carotid body ischemia.**
Aydin M. D. , OZKAN U., GUNDOĞDU C., ONDER A.
Acta neurochirurgica, cilt.144, ss.369-72, 2002 (SCI İndekslerine Giren Dergi)
- **Neuro-Behçet's disease involving the pons with initial onset of affective symptoms.**
AYDIN N., Aydin M. D. , DENİZ O., KIRPINAR I.
European archives of psychiatry and clinical neuroscience, cilt.252, ss.44-6, 2002 (SCI İndekslerine Giren Dergi)
- **Atretic cephalocele communicating with lateral ventricles.**
Aydin M. D.
Child's nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery, cilt.17, ss.679-80, 2001 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- **Unrevealing of the Effect of Olfactory Bulb Lesion on Histomorphological Changes in Sublingual Glands: An Experimental Study**
KOÇAK M., AYDIN M. D. , KAYA Z., KARADENİZ E., BAYRAMOĞLU A., AHISKALIOĞLU A., AYDIN N., DEMİRCİ T.
International Journal of Innovative Research and Reviews, 2019 (Diğer Kurumların Hakemli Dergileri)
- **Are unresponsive dilated pupils an indicator for brain death? an evaluation of edinger westphal nucleus in rabbits with brain death**
Özmen Ö., Aksoy M., Atalay C., Aydin M. D. , Dostbil A., İnce İ., Şener E.
Annals of Medical Research, cilt.26, ss.2376-2381, 2019 (Diğer Kurumların Hakemli Dergileri)
- **New insights of the fever following subarachnoid hemorrhage and introducing a new thermoregulator like structure in choroid plexuses; preliminary study.**
Aydin M. D. , KANAT A., YOLAS C., CALIK M.
Acta neurologica Taiwanica, ss.1-11, 2019 (Diğer Kurumların Hakemli Dergileri)
- **A New Approach to Uncertainty Problem in The Direction of Current Neuroscience and Algebraic Informations: A Brain Based Analysis**
ELMAS S., ÖZDEN H. Ö. , SALTUKLU Z., AYDIN M. D. , KADIOĞLU E., ÖZMEN S.

Journal of Advanced Mathematics and Mathematics Education, cilt.1, ss.1-11, 2018 (Diğer Kurumların Hakemli Dergileri)

- **Sudden death and cervical spine: A new contribution to pathogenesis for sudden death in critical care unit from subarachnoid hemorrhage; first report - An experimental study.**
KAZDAL H., KANAT A., Aydın M. D. , YAZAR U., GUVERCİN A., CALIK M., GUNDOĞDU B.
Journal of craniovertebral junction & spine, cilt.8, ss.33-38, 2017 (ESCI İndekslerine Giren Dergi)
- **First report of important causal relationship between the Adamkiewicz artery vasospasm and dorsal root ganglion cell degeneration in spinal subarachnoid hemorrhage: An experimental study using a rabbit model.**
TURKMENOĞLU O., KANAT A., YOLAS C., Aydın M. D. , EZIRMIK N., GUNDOĞDU C.
Asian journal of neurosurgery, cilt.12, ss.22-27, 2017 (Diğer Kurumların Hakemli Dergileri)
- **The impact of L5 dorsal root ganglion degeneration and Adamkiewicz artery vasospasm on descending colon dilatation following spinal subarachnoid hemorrhage: An experimental study; first report.**
OZTURK C., KANAT A., Aydın M. D. , YOLAS C., KABALAR M., GUNDOĞDU B., DUMAN A., KANAT I., GUNDOĞDU C.
Journal of craniovertebral junction & spine, cilt.6, ss.69-75, 2015 (ESCI İndekslerine Giren Dergi)
- **Trigeminal ganglion neuron density and regulation of anterior choroid artery vasospasm: In a rabbit model of subarachnoid hemorrhage.**
YILMAZ A., GUNDOĞDU C., Aydın M. D. , MUSLUMAN M., KANAT A., AYDIN Y.
Surgical neurology international, cilt.2, ss.77, 2011 (Diğer Kurumların Hakemli Dergileri)
- **Effect of Carotid Stenosis on the Development of Subarachnoid Hemorrhage Eksperimental Study**
ATALAY C., BAYRAM E., AYDIN M. D. , BİLİCİ M., OKUMUŞ Z., GÜNDOĞDU C.
Turkish Journal Of Medical Sciences, cilt.35, ss.379-383, 2005 (Diğer Kurumların Hakemli Dergileri)
- **Effect of nimodipine on histological alterations in basilar artery following the bilateral common carotid artery ligation (preliminary study).**
OZKAN U., Aydın M. D. , KEMALOĞLU M., YILMAZ F., AYDIN I.
Acta medica (Hradec Kralove), cilt.47, ss.7-12, 2004 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

- **Discovery of Taste Rosea of Hedonia**
AYDIN M. D. , AYDIN N.
LAMBERT Academic Publishing, Berlin, 2015

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Are unresponsive dilated pupils really an indicator for brain death? A histopathological evaluation of Edinger Westphal Nucleus in rabbits diagnosed with brain death**
Özmen Ö., Aksoy M., Atalay C., Aydın M. D. , Dostbil A., İnce İ., Şener E.
22. International Intensive Care Symposium Hilton İstanbul Bomoti Hotel, İstanbul, Türkiye, 3 - 04 May 2019
- **SUBARAKNOİD KANAMANIN İNDÜKLEDİĞİ VAGAL İSKEMİNİN İNTESTİNAL İMMUN YETMEZLİKTEKİ BİLİNMEYEN ROLÜ ÜSTÜNE DENEYSEL ÇALIŞMA**
ÖZMEN S., Aydın M. D.
28. Ulusal Patoloji Kongresi, Ankara, Türkiye, 27 - 29 October 2018
- **Mesenterik İskeminin Etiyopatogenezinde Spinal Subaraknoid Kanama Kökenli Sakral Parasempatik Ağ Dejenerasyonunun İndüklediği Mezenter Arter Vazospazmının İrdelenmesi Deneysel Çalışma**
KARADENİZ E., ÇAĞLAR Ö., FIRINCI B., AHISKALIOĞLU A., AYDIN M. D. , KOÇAK M. N. , NALCI K. A. , YİĞİTER M., ŞİPAL S., GÜNDOĞDU B.
36. Ulusal Çocuk Cerrahisi Kongresi, Türkiye, 24 - 27 October 2018
- **Hirschprung ve Ogilvie Hastalıklarının Nöroenteropatolojik Kökeninin Aydınlatılmasında Onuf Nükleusu Eksenli Sakral Parasempatik Ağ Dejenerasyonunun Rolü: Deneysel Çalışma**
ÇAĞLAR Ö., FIRINCI B., KARADENİZ E., AHISKALIOĞLU A., AYDIN M. D. , GÜNDOĞDU B., YİĞİTER M.,

SALMAN A. B.

36. Ulusal Çocuk Cerrahisi Kongresi, Türkiye, 24 - 27 October 2018

- **Wisdar ratlarında pankreas ağırlığı ve langerhans adacık hücreleri arasındaki ilişkiler**
KURT A., DEMİRCİ T., KOÇAK M., ÇARLIOĞLU a., KAYABEKİR M., ALTINKAYNAK K., öztürk m., AYDIN N., AYDIN M. D.
Sağlık Bilimleri Üniversitesi 2. Diyabet ve Obezite Sempozyumu 2018, Türkiye, 2 - 04 March 2018
- **Air/Water Filled Ballon Inserion To Cyst Cavity To Prevent Brain Cortex Depression Following Hydatid Cyst Operation: A Technical Report With Two Cases Presentations**
AYDIN M. D. , KARAAVCIN. Ç. , KARAAVCIN. Ç. , ŞAHİN M. H. , ZEYNAL M., KARADAĞ M. K. , DÜLGER S., ÇAĞLAR OĞLU Y.
Türk Nöroşirürji Derneği, 31. Bilimsel Kongresi, Antalya, Türkiye, 29 March - 02 April 2017, ss.283
- **Air/Water Filled Ballon Inserion To Cyst Cavity To Prevent Brain Cortex Depression Following Hydatid Cyst Operation: A Technical Report With Two Cases Presentations**
AYDIN M. D. , KARAAVCIN. Ç. , KARAAVCIN. Ç. , ŞAHİN M. H. , ZEYNAL M., KARADAĞ M. K. , DÜLGER S., ÇAĞLAR OĞLU Y.
Türk Nöroşirürji Derneği, 31. Bilimsel Kongresi, Antalya, Türkiye, 29 March - 02 April 2017, ss.283
- **Air Filled Ballon Inserion inCyst Cavity To Prevent Brain Collapse After Hydatid Cyst Operation: A Simple, Cheap, Easy Usable and Reliable Surgical Technic**
KARAAVCIN. Ç. , AKYÜZ M. E. , ŞAHİN M. H. , AYDIN M. D. , OĞUL H.
Türk Nöroşirürji Derneği, 30. Bilimsel Kongresi, Antalya, Türkiye, 8 - 12 April 2016, ss.244
- **Nörotravma Hastalarında Gürültünün Nörotoksik Etkileri Üzerine Klinik ve Deneysel Gözlemlerimiz**
AYDIN M. D. , KARAAVCIN. Ç.
Türk Nöroşirürji Derneği, 30. Bilimsel Kongresi, Antalya, Türkiye, 8 - 12 April 2016, ss.208
- **Air Filled Ballon Inserion inCyst Cavity To Prevent Brain Collapse After Hydatid Cyst Operation: A Simple, Cheap, Easy Usable and Reliable Surgical Technic**
KARAAVCIN. Ç. , AKYÜZ M. E. , ŞAHİN M. H. , AYDIN M. D. , OĞUL H.
Türk Nöroşirürji Derneği, 30. Bilimsel Kongresi, Antalya, Türkiye, 8 - 12 April 2016, ss.244
- **Nörotravma Hastalarında Gürültünün Nörotoksik Etkileri Üzerine Klinik ve Deneysel Gözlemlerimiz**
AYDIN M. D. , KARAAVCIN. Ç.
Türk Nöroşirürji Derneği, 30. Bilimsel Kongresi, Antalya, Türkiye, 8 - 12 April 2016, ss.208
- **The Preventive Effect of Sympathectomy on the Prebifurcation Level MiddleCerebral Artery Vasospasm in Subarachnoid Hemorrhage An Animal Model**
AYDIN M. D.
International Neurosurgery Congress 2015, 8 August - 15 January 2016
- **Predeterminative Role Of Gasserian Ganglion Ischemiaon CranioCerebral Hyperthermia Development During subarachnoid Hemorrhage Experimental Study**
AYDIN M. D.
2015 TND Kongresi, Türkiye, 18 - 21 April 2015
- **Autonomic Dysfunction In Subarachnoid Hemorrhage**
AYDIN M. D.
Türk Nöroşirürji Kongresi, Türkiye, 18 - 21 April 2015
- **Koroid Pleksusta Yeni Bir Isı Düzenleyici Yapının Tarif edilmesi Sak Sonrası Hipertermide Nodosa Ganglionun rolü Deneysel Çalışma**
AYDIN M. D.
2015 TND Kongresi, Türkiye, 18 - 21 April 2015
- **Role Of Insulo Vagal Ischemia Related Langerhans Cells Degeneration On The Development Of Hyperglisemia Following Subarachnoid Hemorrhage Experimental Study**
AYDIN M. D.
2015 TND Kongresi, Türkiye, 18 - 21 April 2015
- **Taste Roseas In Reproductive Tissues And A Neural Mechanism Of Hedonic Pleasure A Preliminary Hypothesis Based On Histological Evidences**
AYDIN M. D.
2015 TND Kongresi, Türkiye, 18 - 21 April 2015

- **A Neurobiological Approach to Lactation**

AYDIN N., AYDIN M. D. , ORAL E., ALBAYRAK M., GÜRSAN N., HACİMÜFTÜOĞLU A., SÜLEYMAN H.
The Marcé International Society International Biennial General Scientific Meeting, 3 - 05 October 2012

- **Neurotoxicologic Effects of Intense Impulse Noise on Fetal Brains Experimental Study**

AYDIN N., AYDIN M. D. , HALICI Z., GÜRSAN N., ALBAYRAK M., BÖREKÇİ B.
The Marcé International Society International Biennial General Scientific Meeting, 3 - 05 October 2012

- **Thrombogenic Role of Electric Current on Coronary Arteries Ussing in Spine Surgery Experimental Study**

BAYRAM E., AYDIN M. D. , ATALAY C., AKSAKAL E., GÜNDOĞDU C.
77th of the European Congress Atherosclerosis society, April 26-29, 2008. Istanbul, Turkey., 26 - 29 April 2008

Desteklenen Projeler

AYDIN M. D. , CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, GLIA VADİSİ, 2018 - Devam Ediyor

AYDIN M. D. , Yükseköğretim Kurumları Destekli Proje, STEREOTAKTİK CERRAHİ VE FONKSİYONEL NÖROŞİRURJİ, 2012 - 2014

Atıflar

Toplam Atıf Sayısı (WOS):600

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Ödüller

AYDIN M. D. , DADALON: In recognition of Excellent and Creative Effoerts to Invent Pressure Regulating Ballon Device Placed in The Cavity Formed in The Brain After Surgery, TEKNOFEST 2019, Eylül 2019

AYDIN M. D. , Türk Nöroşirurji Derneği Pro. Dr. Nurcan Özdamar Nörovasküler Alanda En İyi Bilimsel Araştırma Ödülü, Türk Nöroşirurji Derneği, Nisan 2018

AYDIN M. D. , Türk Nörosişuruji Derneği Bilimsel Araştırma Ödülü, Türk Nörosişuruji Derneği, Nisan 2018

AYDIN M. D. , Bilimsel Teşvik Ödülü, Yurtdışı İngilizce kitap yazarlığı, Haziran 2017

AYDIN M. D. , Türk Nöroşirurji Derneği Pro. Dr. Nurcan Özdamar Nörovasküler Alanda En İyi Bilimsel Araştırma Ödülü, Türk nöroşirurji derneği, Nisan 2016

AYDIN M. D. , TÜRK NÖROŞİRÜRJİ DERNEĞİ BİLİMSEL ARAŞTIRMA ÖDÜLÜ, TÜRK NÖROŞİRÜRJİ DERNEĞİ, Haziran 2002