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### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Nervous System Surgery

### Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2018 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The gender-related volumetric side asymmetries in sphenoid sinuses and their clinical significance.**  
Ozdemir B., Durmaz S., Kanat A., Yemis T., Ozdemir C., Celiker F. B.  
European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery, 2024 (SCI-Expanded)
- II. **The relationship between mean platelet volume and the mortality of patient severe head trauma; first study**  
Kazdal H., Kanat A., Ozdemir B., Ozdemir V., Sulun Y., Guvercin A. R., Baticik S., Kanat N.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.134, no.6, pp.595-602, 2024 (SCI-Expanded)
- III. **Important Finding for COVID-19 Pandemic; Hydrocephalus producing effect of Vaporised Alcohol Disinfectant.**  
Kanat A., Aydin M. D., Sahin B., Daltaban I. S., Gel M. S., Guvercin A. R., Demirtas R.  
Journal of neurological surgery. Part A, Central European neurosurgery, vol.85, no.4, pp.355-360, 2024 (SCI-Expanded)
- IV. **First Report of Validation of the Prognostic Nutritional Index in Patients with Subarachnoid Hemorrhage Undergoing Endovascular Occlusion or Surgical Clipping.**  
Gel M., Daltaban I. S., Taser Kanat N., Kanat A.  
The International journal of neuroscience, pp.1-9, 2024 (SCI-Expanded)
- V. **Changes in retinal nerve fiber layer thickness may be the cause of post-COVID-19 headaches.**  
Gel M. S., Kanat A., Seker D., Koc H., Daltaban I. S., Findik H., Lutfi Gundogdu O.  
Neurological research, pp.1-10, 2024 (SCI-Expanded)
- VI. **New Evidence for Regulatory Role of Trigeminal Ganglion on the Intraocular Pressure Following**

## **Subarachnoid Hemorrhage**

Findik H., Kanat A., Aydin M. D., Guvercin A. R., Ozmen S.

JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, vol.85, no.02, pp.137-141, 2024 (SCI-Expanded)

- VII. **How does the side of lumbar disc herniation influence the psoas muscle size at the L4-5 level in patients operated for unilateral hip arthroplasty?**  
Guvercin Y., Kanat A., Gündoğdu H., Abdioglu A. A., Güvercin A. R., Balık M. S.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.134, no.5, pp.468-473, 2024 (SCI-Expanded)
- VIII. **New experimental finding of dangerous autonomic ganglia changes in cardiac injury following subarachnoid hemorrhage; a reciprocal culprit-victim relationship between the brain and heart**  
Aydin M. D., Kanat A., Sahin B., Şahin M. H., Ergene Ş., Demirtaş R.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.134, no.2, pp.91-102, 2024 (SCI-Expanded)
- IX. **Interaction between Neurogenic Pulmonary Edema and Thoracic 3 DRG Degeneration Following Spinal Subarachnoid Hemorrhage; First Experimental Study.**  
Sirinoglu D., Sarıgül B., Kanat A., Aydin M. D., Demirtas R.  
Journal of neurological surgery. Part A, Central European neurosurgery, 2023 (SCI-Expanded)
- X. **Overlooked evidence for transmission deficit of pupillary light reflex can be secondary to trigeminal nerve ganglion degeneration following subarachnoid hemorrhage; preliminary experimental study.**  
Sahin M. H., Kanat A., Karadag M. K., Akyuz M. E., Keles O. N., Gundogdu O. L., Findik H., Aydin M. D., Gel M. S., Daltaban I. S.  
Neurological research, pp.1-9, 2023 (SCI-Expanded)
- XI. **Could the Cerebral Involvement of COVID-19 Disease be Related to Microstructural Changes that are not Reflected in Conventional MRI Images?**  
Celiker F., Kanat A., Turan A., Beyazal M., Burakgazi G., Hursoy N., Gundogdu H., Polat H. B.  
Neurology India, vol.71, no.4, pp.699-704, 2023 (SCI-Expanded)
- XII. **The Enigma of Basilar Artery Dissections Secondary to Vasospasm following Subarachnoid Hemorrhage; Exploration of the Unknown Effect of Superior Cervical Ganglia: A Preliminary Experimental Study.**  
Zeynal M., Sahin M. H., Kanat A., Karadag M. K., Sipal S. A., Ergene S., Aydin M. D.  
Journal of neurological surgery. Part A, Central European neurosurgery, 2023 (SCI-Expanded)
- XIII. **Deposition and characterization of the Ag nanoparticles on absorbable surgical sutures at the cryogenic temperatures**  
Altuntas M., Beris F. S., Nevruzoglu V., Karan Y., Kanat A., Tomakin M.  
APPLIED PHYSICS A: MATERIALS SCIENCE AND PROCESSING, vol.129, pp.128-138, 2023 (SCI-Expanded)
- XIV. **Interesting negative correlation between transorbital optic nerve sheath diameter and Evans' index values; can it be predictive for failure of endoscopic third ventriculostomy?**  
Guvercin A. R., Besir A., Kanat A., Yazar U., Findik H.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.133, no.7, pp.812-818, 2023 (SCI-Expanded)
- XV. **From Nose to Lumbar Spinal Cord - Reduced Sperm Numbers Occur by Olfactory Bulbectomy-Related Onuf's Nucleus Degeneration: New Experimental Evidence for Kallmann Syndrome.**  
Yolas C., Kanat A., Zeynal M., Hakan Sahin M., Kursat Karadag M., Nuri Keles O., Akca N., Dil E., Dumlu Aydin M., Lutfi Gundogdu O.  
Neuroendocrinology, vol.113, no.10, pp.1051-1058, 2023 (SCI-Expanded)
- XVI. **Biomechanical analysis of odontoid and transverse atlantal ligament in humans with ponticulus posticus variation under different loading conditions: Finite element study.**  
Güvercin Y., Yaylacı M., Dizdar A., Kanat A., Uzun Yaylacı E., Ay S., Abdioglu A. A., Şen A.  
Injury, vol.53, pp.3879-3886, 2022 (SCI-Expanded)
- XVII. **Does the anesthesia technique of cesarean section cause persistent low back pain after delivery? A retrospective analysis**  
Kazdal H., Kanat A., Ozdemir B., Ozdemir V., Guvercin A. R.  
EUROPEAN SPINE JOURNAL, vol.31, no.12, pp.3640-3646, 2022 (SCI-Expanded)

- XVIII. **Protective Felix Culpa Effect of Superior Sympathetic Cervical Ganglion Degenerations on Prevention of Basilar Artery Spasm After Subarachnoid Hemorrhage: A Preliminary Experimental Study**  
Sahin B., Kanat A., Karadag M. K., Demirtas R., Aydin M. D.  
WORLD NEUROSURGERY, vol.164, 2022 (SCI-Expanded)
- XIX. **Comment on Bunmaprasert et al. Reducible Nonunited Type II Odontoid Fracture with Atlantoaxial Instability: Outcomes of Two Different Fixation Techniques.** *Int. J. Environ. Res. Public Health* 2021, **18**, 7990 Comment  
KANAT A.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, vol.19, no.9, 2022 (SCI-Expanded)
- XX. **Letter to the Editor Regarding "Kissing Aneurysms: Radiological and Surgical Difficulties in 30 Operated Cases and a Proposed Classification".**  
Kanat A., Turgut M., de Divitiis O.  
World neurosurgery, vol.160, pp.120-121, 2022 (SCI-Expanded)
- XXI. **Introducing a new possible predisposing risk factor for odontoid type 2 fractures after cervical trauma; Ponticulus posticus anomaly of C1 vertebra**  
Ozdemir B., Kanat A., Durmaz S., Ersegun Baticik O., Gundogdu H.  
JOURNAL OF CLINICAL NEUROSCIENCE, vol.96, pp.194-198, 2022 (SCI-Expanded)
- XXII. **Important interaction between urethral taste bud-like structures and Onuf's nucleus following spinal subarachnoid hemorrhage: A hypothesis for the mechanism of dysorgasmia**  
Caglar O., AYDIN M. D., Aydin N., AHISKALIOĞLU A., KANAT A., Aslan R., ÖNDER A.  
REVISTA INTERNACIONAL DE ANDROLOGIA, vol.20, no.1, pp.1-10, 2022 (SCI-Expanded)
- XXIII. **Some Interesting Points of Competition of X-Ray using during the Greco-Ottoman War in 1897 and Development of Neurosurgical Radiology: A Reminiscence**  
Kanat A., Tsianaka E., Gasenzer E. R., Drosos E.  
TURKISH NEUROSURGERY, vol.32, no.5, pp.877-881, 2022 (SCI-Expanded)
- XXIV. **Important interaction between urethral taste bud-like structures and Onuf's nucleus following spinal subarachnoid hemorrhage: A hypothesis for the mechanism of dysorgasmia** *Interacción importante entre las estructuras de tipo papila gustativa de la uretra y el núcleo de Onuf tras hemorragia subaracnoidea espinal: una hipótesis para el mecanismo de la disorgasmia*  
Caglar O., AYDIN M. D., Aydin N., AHISKALIOĞLU A., KANAT A., Aslan R., ÖNDER A.  
Revista Internacional de Andrologia, vol.20, pp.1-10, 2022 (SCI-Expanded)
- XXV. **Asymmetric Cross Sectional Area Size of the Psoas Muscle Seems to be a Key Feature in Patients with L4-5 Lumbar Disc Herniations**  
Baticik O. E., Kanat A., Ozdemir B., Gundogdu H.  
TURKISH NEUROSURGERY, vol.32, no.2, pp.237-243, 2022 (SCI-Expanded)
- XXVI. **Estimating basilar artery upper rupture limit by dangerous alarming diameter of arteries (DADA) following bilateral common carotid artery ligation; a new theorem**  
AYDIN M. D., KANAT A., Aydin A., Aydin A., DEMİRCİ T., ÖZMEN S.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.132, no.2, pp.107-113, 2021 (SCI-Expanded)
- XXVII. **The Influence of Music on Neurosurgical Cases: A Neglected Knowledge.**  
Gasenzer E. R., Kanat A., Nakamura M.  
Journal of neurological surgery. Part A, Central European neurosurgery, vol.82, pp.544-551, 2021 (SCI-Expanded)
- XXVIII. **Letter to the Editor Regarding "Aneurysmal Subarachnoid Hemorrhage in COVID-19 Patients: A Case Series".**  
Kanat A.  
World neurosurgery, vol.154, pp.199, 2021 (SCI-Expanded)
- XXIX. **First histopathological bridging of the distance between Onuf & apos;s nucleus and substantia nigra after olfactory bulbectomy-new ideas about the urinary dysfunction in cerebral neurodegenerative disease: an experimental study**  
Kanat A., Aydin M. D., Akca N., Ozmen S.

- LUTS-LOWER URINARY TRACT SYMPTOMS, vol.13, no.3, pp.383-389, 2021 (SCI-Expanded)
- XXX. **First emerging evidence of the relationship between Onuf's nucleus degeneration and reduced sperm number following spinal subarachnoid haemorrhage: Experimental study**  
Caglar O., Firinci B., Aydin M. E., Arslan R., Kanat A., Demirci T., Aydın M. D., Karadeniz E., Yigiter M., Akca N.  
ANDROLOGIA, vol.53, no.5, 2021 (SCI-Expanded)
- XXXI. **COVID-19 infection produces subarachnoid hemorrhage; acting now to understand its cause: A short communication**  
BATÇIK O. E., KANAT A., Cankay T. U., Ozturk G., KAZANCIOĞLU L., KAZDAL H., GÜNDOĞDU H., ÖZDEMİR B., BAHÇECİ İ., KOSTAKOĞLU U., et al.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.202, 2021 (SCI-Expanded)
- XXXII. **A new experimental evidence that olfactory bulb lesion may be a causative factor for substantia nigra degeneration; preliminary study**  
AYDIN M. D., Kanat A., HACİMÜFTÜOĞLU A., ÖZMEN S., AHISKALIOĞLU A., KOÇAK M. N.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.131, no.3, pp.220-227, 2021 (SCI-Expanded)
- XXXIII. **Recrudescence of the syringomyelia after surgery of Chiari malformation type 1 with duraplasty**  
yolaş C., KANAT A.  
BRITISH JOURNAL OF NEUROSURGERY, vol.34, no.6, pp.697-700, 2020 (SCI-Expanded)
- XXXIV. **Letter to the Editor Regarding the Manuscript of "The Longest Angiographic and Clinical Follow-Up of Microsurgically Treated Giant Intracranial Aneurysms: Experience with 70 Cases"**  
KANAT A., Turgut M., de Divitiis O.  
WORLD NEUROSURGERY, vol.140, pp.462, 2020 (SCI-Expanded)
- XXXV. **Important aspect of hypoglossal nerve injury following gunshot wound; Can the clivus has a role? A case report**  
Ozdemir B., Kanat A., Erturk C., Baticik O. E., Celiker F., Celiker M., Dursun E.  
BRITISH JOURNAL OF NEUROSURGERY, 2020 (SCI-Expanded)
- XXXVI. **Interesting different survival status of musicians with malignant cerebral tumors.**  
GASENZER E. R., KANAT A., Ozdemir V., RAKICI S., NEUGEBAUER E.  
British journal of neurosurgery, vol.34, pp.264-270, 2020 (SCI-Expanded)
- XXXVII. **New Histopathologic Evidence for the Parasympathetic Innervation of the Kidney and the Mechanism of Hypertension Following Subarachnoid Hemorrhage**  
Kepoglu U., KANAT A., Dumlu Aydin M., Akca N., KAZDAL H., ZEYNAL M., Kantarci M., Sipal S. A.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.31, no.3, pp.865-870, 2020 (SCI-Expanded)
- XXXVIII. **Controversy about the protective role of volume in the frontal sinus after severe head trauma: larger sinus equates with higher risk of death**  
CELIKER M., Kanat A., OZDEMIR A., CELIKER F., KAZDAL H., OZDEMIR B., BATCIK O. E., OZDEMIR D.  
BRITISH JOURNAL OF ORAL & MAXILLOFACIAL SURGERY, vol.58, no.3, pp.314-318, 2020 (SCI-Expanded)
- XXXIX. **What Are We Missing From Asymmetric Relationship Between the Retinal Nerve Fiber Layer Thickness Profiles and Sphenoid Sinus Volume?**  
Findik H., Kanat A., Celiker F., Celiker M., Beyazal M., Ozdemir B., Ozdemir V., Baticik O. E., Ozdemir D., Dursun E.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.31, no.2, 2020 (SCI-Expanded)
- XL. **Rationalization of Using the MR Diffusion Imaging in B12 Deficiency**  
Polat H. B., Kanat A., Celiker F., Tufekci A., Beyazal M., Ardic G., Turan A.  
ANNALS OF INDIAN ACADEMY OF NEUROLOGY, vol.23, no.1, pp.72-77, 2020 (SCI-Expanded)
- XLI. **A different aspect of the unexpected death of Mozart at the age of 35 years**  
Kanat A., Gasenzer E. R., Neugebauer E.  
CNS SPECTRUMS, vol.24, no.6, pp.628-631, 2019 (SCI-Expanded)
- XLII. **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., ÖZMEN S. A., OKUTUCU M., BAYKAL O., ŞİPAL S.  
JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, vol.80, no.6, pp.430-440, 2019 (SCI-Expanded)

- XLIII. What Are We Missing From Asymmetric Relationship Between the Retinal Nerve Fiber Layer Thickness Profiles and Sphenoid Sinus Volume?**  
FINDIK H., KANAT A., BEYAZAL ÇELİKER F., ÇELİKER M., BEYAZAL M., ÖZDEMİR B., AŞIK ÖZDEMİR V., BATÇIK O. E., ÖZDEMİR D., DURSUN E.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.5, pp.1-5, 2019 (SCI-Expanded)
- XLIV. In Reply to Letter to the Editor Regarding "Transorbital Ultrasonographic Measurement of Optic Nerve Sheath Diameter for Intracranial Midline Shift in Patients with Head Trauma"**  
Kanat A., KAZDAL H., FINDIK H.  
WORLD NEUROSURGERY, vol.130, pp.586, 2019 (SCI-Expanded)
- XLV. The Effect of Neuroscientists on the Studies of Autonomic Nervous System Dysfunction Following Experimental Subarachnoid Hemorrhage**  
ÖZDEMİR B., KANAT A., Ozdemir V., BATÇIK O. E., YAZAR U., GÜVERCİN A. R.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.30, no.7, pp.2184-2188, 2019 (SCI-Expanded)
- XLVI. What Are We Missing From Asymmetric Relationship Between the Retinal Nerve Fiber Layer Thickness Profiles and Sphenoid Sinus Volume?**  
FINDIK H., KANAT A., BEYAZAL ÇELİKER F., ÇELİKER M., BEYAZAL M., ÖZDEMİR B., AŞIK ÖZDEMİR V., BATÇIK O. E., ÖZDEMİR D., DURSUN E.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.5, pp.1-5, 2019 (SCI-Expanded)
- XLVII. Water-Filled Vesicles of Choroid Plexus Tumors**  
AYDIN M. D., Kanat A., KARAAVCI N. C., SAHIN H., OZMEN S.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.30, no.7, pp.2171-2173, 2019 (SCI-Expanded)
- XLVIII. 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., ÖZDEMİR D., AYDIN N., yolaş C., Calik M., PEKER H. O.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.129, no.8, pp.794-800, 2019 (SCI-Expanded)
- XLIX. Our Final Response Concerning the Article Entitled "Aneurysm Clip Compression Technique in the Surgery of Aneurysms with Hard/Calcified Neck"**  
Kanat A., Turgut M., DE DIVITIIS O.  
WORLD NEUROSURGERY, vol.128, pp.639-640, 2019 (SCI-Expanded)
- L. 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**  
ÖZMEN S., ALTINKAYNAK K., AYDIN M., AHISKALIOĞLU A., DEMİRCİ T., OZLU C., Kanat A., AYDIN N.  
NEUROPATHOLOGY, vol.39, no.4, pp.259-267, 2019 (SCI-Expanded)
- LI. Brachial Artery Vasospasm Caused by Cervical Dorsal Root Ganglion Degeneration After Subarachnoid Hemorrhage: An Experimental Study**  
Kayaci S., ÇAKIR T., AYDIN M. D., Kanat A., OMEROGU M., LEVENT A., Kantarci A. M., Diyarbakirli S., DEMİRCİ E.  
WORLD NEUROSURGERY, vol.126, 2019 (SCI-Expanded)
- LII. Paradoxical Relations between Basilar Artery Reconfiguration and Superior Cervical Ganglia Ischemia After Bilateral Common Carotid Artery Ligation**  
KILIC M., KILIC B., AYDIN M. D., Kanat A., YILMAZ I., ESEGLU M., GÜNDOĞDU B.  
WORLD NEUROSURGERY, vol.125, 2019 (SCI-Expanded)
- LIII. Rationalization of Using the MR Diffusion Imaging in B12 Deficiency**  
BEYAZAL POLAT H., KANAT A., BEYAZAL ÇELİKER F., TÜFEKÇİ A., BEYAZAL M., ardic g., TURAN A.  
ANNALS OF INDIAN ACADEMY OF NEUROLOGY, vol.4, pp.1-6, 2019 (SCI-Expanded)
- LIV. Spinal Subarachnoid Hemorrhage Induced Intractable Miotic Pupil. A Reminder of Ciliospinal Sympathetic Center Ischemia Based Miosis: An Experimental Study**  
AYDIN M. D., Kanat A., yolaş C., Soyalp C., ONEN M. R., YILMAZ I., KARAAVCI N. Ç., Calik M., BAYKAL O., RAMAZANOGLU L.  
TURKISH NEUROSURGERY, vol.29, no.3, pp.434-439, 2019 (SCI-Expanded)
- LV. In Reply to the Reply to the Letter to the Editor Regarding "Aneurysm Clip Compression Technique**

**in the Surgery of Aneurysms with Hard/Calcified Neck"**

Kanat A., Turgut M., DE DIVITIIS O.

WORLD NEUROSURGERY, vol.121, pp.279, 2019 (SCI-Expanded)

- LVI. **In Reply to 'Second Response to Second Criticism Concerning Our Article Entitled "Aneurysm Clip Compression Technique in the Surgery of Aneurysms with Hard/Calcified Neck"'**  
Kanat A., Turgut M., DE DIVITIIS O.  
WORLD NEUROSURGERY, vol.120, pp.607-608, 2018 (SCI-Expanded)
- LVII. **In Reply to "Hypothesis on the Origin of Dance: Mirror Neuron System and Imitation From Movement Disorders"**  
GASENZER E. R., Kanat A., NEUGEBAUER E.  
WORLD NEUROSURGERY, vol.120, pp.605, 2018 (SCI-Expanded)
- LVIII. **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., AYDIN M. D., DEMİRCİ E., KILIC B., YILMAZ I., TANRIVERDI O., Kanat A.  
WORLD NEUROSURGERY, vol.119, 2018 (SCI-Expanded)
- LIX. **Shunt dependency following aSAH**  
Kanat A.  
JOURNAL OF NEUROSURGERY, vol.129, no.5, pp.1370-1371, 2018 (SCI-Expanded)
- LX. **How Reliable Is Pupillary Evaluation Following Subarachnoid Hemorrhage? Effect of Oculomotor Nerve Degeneration Secondary to Posterior Communicating Artery Vasospasm: First Experimental Study**  
öztürk C., OZDEMIR N. G., Kanat A., AYDIN M. D., FINDIK H., AYDIN N., KABALAR M. E., KAZDAL H., yolaş C., BAYKAL O., et al.  
JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, vol.79, no.4, pp.302-308, 2018 (SCI-Expanded)
- LXI. **A New Technique in Surgical Management of the Giant Cerebral Hydatid Cysts**  
AYDIN M. D., KARAACI N. Ç., AKYÜZ M. E., ŞAHİN M. H., ZEYNAL M., KANAT A., Altınors M. N.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.29, no.3, pp.778-782, 2018 (SCI-Expanded)
- LXII. **Nontraumatic Intradiploic Epidermoid Cyst and Older Age: Association or Causality?**  
TURK O., OZDEMIR N. G., DEMIREL N., ATCI I. B., Kanat A., yolaş C.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.29, no.2, 2018 (SCI-Expanded)
- LXIII. **Unilateral Isolated Hypoglossal Nerve Palsy Caused by Gunshot Injury**  
Ozdemir B., Kanat A., Batçık S., Batçık O. E., Celiker M., Kayayurt K.  
JOURNAL OF CRANIOFACIAL SURGERY, vol.29, no.2, pp.424-426, 2018 (SCI-Expanded)
- LXIV. **"Aneurysm Clip Compression Technique in the Surgery of Aneurysms With Hard/Calcified Neck"**  
Kanat A., Turgut M., DE DIVITIIS O.  
WORLD NEUROSURGERY, vol.110, pp.499-500, 2018 (SCI-Expanded)
- LXV. **Analyzing of dark past and bright present of neurosurgical history with a picture of musicians**  
GASENZER E. R., Kanat A., OZDEMIR V., NEUGEBAUER E.  
BRITISH JOURNAL OF NEUROSURGERY, vol.32, no.3, pp.303-304, 2018 (SCI-Expanded)
- LXVI. **The sooth beneath the taste roses in the urethra and first description of neuro-morpho-chemical mechanism of penile erectile posture in males: an experimental study**  
AYDIN M. D., AYDIN N., KANAT A., Akca N., ARDIC G., YOLAS C., ALTINKAYNAK K., Calik M.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.128, no.7, pp.663-669, 2018 (SCI-Expanded)
- LXVII. **Letter to the Editor Regarding "Predictors of Shunt-Dependent Hydrocephalus After Aneurysmal Subarachnoid Hemorrhage? A Systematic Review and Meta-Analysis"**  
Kanat A.  
WORLD NEUROSURGERY, vol.108, pp.963, 2017 (SCI-Expanded)
- LXVIII. **Rationalization of the Irrational Neuropathologic Basis of Hypothyroidism-Olfaction Disorders Paradox: Experimental Study**

- Aydin N., Ramazanoglu L., Onen M. R., Yilmaz I., AYDIN M. D., Altinkaynak K., Calik M., KANAT A.  
WORLD NEUROSURGERY, vol.107, pp.400-408, 2017 (SCI-Expanded)
- LXIX. **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. A., Rakici H., Yolas C., Kepoglu U., DEMİRCİ E.  
WORLD NEUROSURGERY, vol.106, pp.570-577, 2017 (SCI-Expanded)
- LXX. **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. A., RAKICI H., yolaş c., kepoğlu u., demirci e.  
WORLD NEUROSURGERY, vol.106, pp.570-577, 2017 (SCI-Expanded)
- LXXI. **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., BAYRAM E., Kazdal H., AYDIN N., OMEROGU M., ALTINKAYNAK K., KABALAR M. E., YOLAS C., OZTURK C., et al.  
WORLD NEUROSURGERY, vol.104, pp.330-338, 2017 (SCI-Expanded)
- LXXII. **Neurosurgery and Music; Effect of Wolfgang Amadeus Mozart**  
GASENZER E. R., Kanat A., NEUGEBAUER E.  
WORLD NEUROSURGERY, vol.102, pp.313-319, 2017 (SCI-Expanded)
- LXXIII. **The Unforgettable Neurosurgical Operations of Musicians in the Last Century**  
GASENZER E. R., Kanat A., NEUGEBAUER E.  
WORLD NEUROSURGERY, vol.101, pp.444-450, 2017 (SCI-Expanded)
- LXXIV. **IN REPLY TO THE LETTER TO THE EDITOR REGARDING "RESTORATION OF ANTERIOR VERTEBRAL HEIGHT BY SHORT-SEGMENT PEDICLE SCREW FIXATION WITH SCREWING OF FRACTURED VERTEBRA FOR THE TREATMENT OF UNSTABLE THORACOLUMBAR FRACTURES"**  
Kanat A., OZDEMIR B.  
WORLD NEUROSURGERY, vol.101, pp.793, 2017 (SCI-Expanded)
- LXXV. **First Report of Awake Craniotomy of a Famous Musician: Suprasellar Tumor Surgery of Pianist Clara Haskil in 1942**  
Gasenzler E. R., KANAT A., Neugebauer E. A. M.  
JOURNAL OF NEUROLOGICAL SURGERY PART A-CENTRAL EUROPEAN NEUROSURGERY, vol.78, no.3, pp.260-268, 2017 (SCI-Expanded)
- LXXVI. **Restoration of Anterior Vertebral Height by Short-Segment Pedicle Screw Fixation with Screwing of Fractured Vertebra for the Treatment of Unstable Thoracolumbar Fractures**  
OZDEMIR B., KANAT A., ERTURK C., Batcik O. E., BALIK M. S., YAZAR U., CELIKER F. B., METIN Y., INECIKLI M. F., GÜVERCİN A. R.  
WORLD NEUROSURGERY, vol.99, pp.409-417, 2017 (SCI-Expanded)
- LXXVII. **Predictive Role of External Carotid Artery Vasospasm on Cerebral Ischemia After Subarachnoid Hemorrhage: Experimental Study**  
Ozdemir N. G., AYDIN M. D., Yolas C., Kanat A., LEVENT A., Gundogdu C., Aydin N.  
TURKISH NEUROSURGERY, vol.27, no.6, pp.874-883, 2017 (SCI-Expanded)
- LXXVIII. **Rational Roots of Sympathetic Overactivity by Neurogenic Pulmonary Edema Modeling Arising from Sympathyco-Vagal Imbalance in Subarachnoid Hemorrhage: An Experimental Study**  
ONEN M. R., YILMAZ I., RAMAZANOGLU L., TANRIVERDI O., AYDIN M. D., KANAT A., Yolas C., ŞİPAL S.  
WORLD NEUROSURGERY, vol.92, pp.463-470, 2016 (SCI-Expanded)
- LXXIX. **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., Ozdemir N. G., Kanat A., AYDIN M. D., Keles P., Kepoglu U., Aydin N., Gundogdu C.  
WORLD NEUROSURGERY, vol.90, pp.484-491, 2016 (SCI-Expanded)

- LXXX. **Predeterminative role of early choroid plexus ageing on presenil neuronal atrophy in an animal model: a preliminary histopathological study**  
AYDIN N., Kotan D., AYDIN M., OZDEMIR G., Keles P., Kanat A., YOLAS C., GÜNDOĞDU C.  
EUROPEAN JOURNAL OF NEUROLOGY, vol.23, pp.483, 2016 (SCI-Expanded)
- LXXXI. **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., AKÇA N., EREN H., Gundogdu C., Kotan D., AYDIN N.  
WORLD NEUROSURGERY, vol.89, pp.208-214, 2016 (SCI-Expanded)
- LXXXII. **The Important Liaison Between Onuf Nucleus-Pudendal Nerve Ganglia Complex Degeneration and Urinary Retention in Spinal Subarachnoid Hemorrhage: An Experimental Study**  
yolaş ç., KANAT A., aydın m. d., öztürk c., kabalar e., AKÇA N., EREN H., gündoğdu c., kotan d., aydın n.  
WORLD NEUROSURGERY, no.89, pp.208-214, 2016 (SCI-Expanded)
- LXXXIII. **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., Altas E., KANAT I. F., Kazdal H., Duman A., GÜNDOĞDU B., Gursan N.  
WORLD NEUROSURGERY, vol.86, pp.79-87, 2016 (SCI-Expanded)
- LXXXIV. **Transorbital Ultrasonographic Measurement of Optic Nerve Sheath Diameter for Intracranial Midline Shift in Patients with Head Trauma**  
Kazdal H., KANAT A., FINDIK H., SEN A., OZDEMIR B., BATCIK O. E., YAVASI O., INECIKLI M. F.  
WORLD NEUROSURGERY, vol.85, pp.292-297, 2016 (SCI-Expanded)
- LXXXV. **A Novel Clinical Observation in Neuroleptic Malignant-Like Syndrome First Demonstration of Early Progression of Hydrocephalus**  
KAZDAL H., KANAT A., SEN A., Kirbas S., ARDIC G., TUFEKCI A., ERSOZ T.  
JOURNAL OF CLINICAL PSYCHOPHARMACOLOGY, vol.35, no.2, pp.211-212, 2015 (SCI-Expanded)
- LXXXVI. **Pathophysiology of Acute Hydrocephalus After Subarachnoid Hemorrhage**  
Kanat A.  
WORLD NEUROSURGERY, vol.82, 2014 (SCI-Expanded)
- LXXXVII. **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**  
AYDIN M. D., KANAT A., TURKMENOGLU O. N., YOLAS C., Gundogdu C., Aydin N.  
ACTA NEUROCHIRURGICA, vol.156, no.7, pp.1311-1317, 2014 (SCI-Expanded)
- LXXXVIII. **Effect of Inner Membrane Tearing in the Treatment of Adult Chronic Subdural Hematoma: A Comparative Study**  
Kayaci S., Kanat A., Koksall V., Ozdemir B.  
NEUROLOGIA MEDICO-CHIRURGICA, vol.54, no.5, pp.363-373, 2014 (SCI-Expanded)
- LXXXIX. **Important casual association of carotid body and glossopharyngeal nerve and lung following experimental subarachnoid hemorrhage in rabbits. First report**  
YOLAS C., Kanat A., AYDIN M. D., TURKMENOGLU O. N., Gundogdu C.  
JOURNAL OF THE NEUROLOGICAL SCIENCES, vol.336, pp.220-226, 2014 (SCI-Expanded)
- XC. **Describing a new syndrome in L5-S1 disc herniation: Sexual and sphincter dysfunction without pain and muscle weakness**  
AKCA N., OZDEMIR B., KANAT A., Batcik O. E., YAZAR U., ZORBA O. U.  
Journal of Craniovertebral Junction and Spine, vol.5, no.4, pp.146-150, 2014 (SCI-Expanded)
- XCI. **Paradox in the cubital tunnel syndrome-frequent involvement of left elbow: first report**  
KANAT A., Balik M. S., Kirbas S., ÖZDEMİR B., Koksall V., YAZAR U., Kazdal H., Kalaycioglu A.  
ACTA NEUROCHIRURGICA, vol.156, no.1, pp.165-168, 2014 (SCI-Expanded)
- XCII. **Wrong-site craniotomy**  
Kanat A.  
JOURNAL OF NEUROSURGERY, vol.119, no.4, pp.1079-1080, 2013 (SCI-Expanded)
- XCIII. **Toward Changing of the Pathophysiologic Basis of Acute Hydrocephalus After Subarachnoid Hemorrhage: A Preliminary Experimental Study**



Kanat A., TURKMENOGLU O., AYDIN M., yolaş C., Aydin N., Gursan N., TUMKAYA L., Demir R.  
WORLD NEUROSURGERY, vol.80, pp.390-395, 2013 (SCI-Expanded)

- XCIV. **Spinal surgery and neurosurgeon: Quo vadis?**  
Kanat A., YAZAR U.  
JOURNAL OF NEUROSURGICAL SCIENCES, vol.57, no.1, pp.75-79, 2013 (SCI-Expanded)
- XCv. **Introducing a New Risk Factor for Lumbar Disc Herniation in Females : Vertical Angle of the Sacral Curvature**  
KANAT A., YAZAR U., Kazdal H., SONMEZ O. F.  
JOURNAL OF KOREAN NEUROSURGICAL SOCIETY, vol.52, no.5, pp.447-451, 2012 (SCI-Expanded)
- XCvI. **Primary Osteoma of the Orbit with Atypical Facial Pain: Case Report and Literature Review**  
KAYACI S., KANAT A., Gucer H., SECKIN H.  
TURKISH NEUROSURGERY, vol.22, no.3, pp.389-392, 2012 (SCI-Expanded)
- XCvII. **Urethral protrusion of the abdominal catheter of ventriculoperitoneal shunt: Case report of extremely rare complication**  
YAZAR U., KANAT A., AKCA N., Gazioglu G., ARDA I. S., Kazdal H.  
Journal of Pediatric Neurosciences, vol.7, no.2, pp.111-113, 2012 (SCI-Expanded)
- XCvIII. **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., Serarşlan Y., Gundogdu C., Aydin N., Aygul R., Kotan D., Ulvi H., ONDER A., KANAT A.  
NEUROSURGERY QUARTERLY, vol.22, no.1, pp.1-6, 2012 (SCI-Expanded)
- XCIX. **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., AYDIN M. D., MUSLUMAN A. M., ESEOGLU M., KARALAR M., Gundogdu C.  
AUTONOMIC NEUROSCIENCE-BASIC & CLINICAL, vol.165, no.2, pp.163-167, 2011 (SCI-Expanded)
- C. **The Effect of Degenerated Neuron Density of Petrosal Ganglion on the Development of Blood Pressure Variabilities after Subarachnoid Hemorrhage in a Rabbit Model: An Experimental Study**  
MUSLUMAN A. M., AYDIN M. D., YILMAZ A., Cansever T., KANAT A., Gundogdu C., ÇAKIR Z., Emet M., Gursan N., Aydin N., et al.  
TURKISH NEUROSURGERY, vol.21, no.4, pp.559-566, 2011 (SCI-Expanded)
- CI. **The Effect of Choroidal Artery Vasospasm on Choroid Plexus Injury in Subarachnoid Hemorrhage: Experimental Study**  
YILMAZ A., AYDIN M. D., KANAT A., MUSLUMAN A. M., Altas S., AYDIN Y., Calik M., Gursan N.  
TURKISH NEUROSURGERY, vol.21, no.4, pp.477-482, 2011 (SCI-Expanded)
- CII. **The role of ischemic neurodegeneration of the nodose ganglia on cardiac arrest after subarachnoid hemorrhage: An experimental study**  
AYDIN M., KANAT A., YILMAZ A., ÇAKIR M., Emet M., ÇAKIR Z., Asian S., Altas S., Gundogdu C.  
EXPERIMENTAL NEUROLOGY, vol.230, no.1, pp.90-95, 2011 (SCI-Expanded)
- CIII. **Surgical Results of Large and Giant Pituitary Adenomas with Special Consideration of Ophthalmologic Outcomes**  
MUSLUMAN A. M., Cansever T., YILMAZ A., KANAT A., OBA E., CAVUSOGLU H., SIRINOGLU D., AYDIN Y.  
WORLD NEUROSURGERY, vol.76, pp.141-148, 2011 (SCI-Expanded)
- CIV. **The Correlation Between Hematoma Volume and Outcome in Ruptured Posterior Fossa Arteriovenous Malformations Indicates the Importance of Surgical Evacuation of Hematomas**  
YILMAZ A., MUSLUMAN A. M., KANAT A., CAVUSOGLU H., Terzi Y., AYDIN Y.  
TURKISH NEUROSURGERY, vol.21, no.2, pp.152-159, 2011 (SCI-Expanded)
- CV. **When Is Duraplasty Required in the Surgical Treatment of Chiari Malformation Type I Based on Tonsillar Descending Grading Scale?**  
YILMAZ A., KANAT A., MUSLUMAN A. M., COLAK I., Terzi Y., KAYACI S., AYDIN Y.  
WORLD NEUROSURGERY, vol.75, no.2, pp.307-313, 2011 (SCI-Expanded)
- CVI. **One of the giants of neurological surgery left us more than a decade ago, and neurosurgical literature did not show much interest**

- KANAT A., KAYACI S., YAZAR U., SAHIN Y., YAMAN O., GÜVERCİN A. R.  
NEUROLOGIA I NEUROCHIRURGIA POLSKA, vol.45, no.1, pp.63-67, 2011 (SCI-Expanded)
- CVII. **Challenges to neurosurgical professionalism**  
KANAT A., Epstein C. R.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.112, no.10, pp.839-843, 2010 (SCI-Expanded)
- CVIII. **Shunt insertion in newborns with myeloschisis/myelomenigocele and hydrocephalus**  
YILMAZ A., MUSLUMAN A. M., DALGIC N., CAVUSOGLU H., KANAT A., COLAK I., AYDIN Y.  
JOURNAL OF CLINICAL NEUROSCIENCE, vol.17, no.12, pp.1493-1496, 2010 (SCI-Expanded)
- CIX. **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, vol.152, no.12, pp.2167-2172, 2010 (SCI-Expanded)
- CX. **Chronic subdural hematoma in adults: why does it occur more often in males than females? Influence of patient's sexual gender on occurrence**  
KANAT A., KAYACI S., YAZAR U., KAZDAL H., Terzi Y.  
JOURNAL OF NEUROSURGICAL SCIENCES, vol.54, no.3, pp.99-103, 2010 (SCI-Expanded)
- CXI. **Cerebral embolism following thrombolytic therapy for acute myocardial infarction: the second reported case**  
BOSTAN M., KANAT A., SEN M., KAZDAL H., BOSTAN H.  
CARDIOVASCULAR JOURNAL OF AFRICA, vol.21, no.3, pp.155-157, 2010 (SCI-Expanded)
- CXII. **What makes Maurice Ravel's deadly craniotomy interesting? Concerns of one of the most famous craniotomies in history**  
Kanat A., KAYACI S., YAZAR U., YILMAZ A.  
ACTA NEUROCHIRURGICA, vol.152, no.4, pp.737-742, 2010 (SCI-Expanded)
- CXIII. **Chronic subdural hygroma with thrombocytopenia: first case report**  
KANAT A., YAZAR U., KAZDAL H.  
JOURNAL OF NEUROSURGICAL SCIENCES, vol.53, no.4, pp.165-167, 2009 (SCI-Expanded)
- CXIV. **Neurosurgery is a profession**  
KANAT A., YAZAR U., Kazdal H., YILMAZ A., MUSLUMAN M.  
NEUROLOGIA I NEUROCHIRURGIA POLSKA, vol.43, no.3, pp.286-288, 2009 (SCI-Expanded)
- CXV. **Spinal Arachnoiditis and The Axonal Degeneration of The Spinal Nerve Roots Due to Ischemia Induced By Vasospasm: An Experimental Study**  
ONDER A., Serarslan Y., AYDIN M., KANAT A., Gursan N., YOLAS C.  
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.26, no.4, pp.416-423, 2009 (SCI-Expanded)
- CXVI. **Brainstem gliomas and gamma knife**  
Kanat A.  
JOURNAL OF NEUROSURGERY, vol.107, no.3, pp.708, 2007 (SCI-Expanded)
- CXVII. **Brain oxygenation and energy metabolism: Part I - Biological function and pathophysiology**  
Kanat A.  
NEUROSURGERY, vol.52, no.6, pp.1508-1509, 2003 (SCI-Expanded)
- CXVIII. **Patient-evaluated outcome after surgery for basal meningiomas**  
Kanat A.  
NEUROSURGERY, vol.51, no.6, pp.1530-1531, 2002 (SCI-Expanded)
- CXIX. **Optimal treatment for meningiomas**  
Kanat A., YILMAZ A., AYDIN Y.  
JOURNAL OF NEUROSURGERY, vol.93, no.1, pp.153-154, 2000 (SCI-Expanded)
- CXX. **Prognostic value and determinants of ultraearly angiographic vasospasm after aneurysmal subarachnoid hemorrhage**  
Kanat A., Aydin Y.  
NEUROSURGERY, vol.46, no.2, pp.505-506, 2000 (SCI-Expanded)
- CXXI. **Recurrent meningiomas**

- Kanat A., AYDIN Y.  
JOURNAL OF NEUROSURGERY, vol.91, no.4, pp.720, 1999 (SCI-Expanded)
- CXXII. **Selection of cerebral aneurysms for treatment using Guglielmi detachable coils: The preliminary University of Illinois at Chicago experience**  
Kanat A., AYDIN Y.  
NEUROSURGERY, vol.45, no.3, pp.670-672, 1999 (SCI-Expanded)
- CXXIII. **Asymptomatic familial cerebral aneurysms**  
Kanat A., AYDIN Y.  
NEUROSURGERY, vol.44, no.6, pp.1364-1365, 1999 (SCI-Expanded)
- CXXIV. **Postcontrast magnetic resonance imaging to predict progression of traumatic epidural and subdural hematomas in the acute stage**  
Kanat A., AYDIN Y.  
NEUROSURGERY, vol.44, no.3, pp.685-686, 1999 (SCI-Expanded)
- CXXV. **Posterior C1-C2 transarticular screw fixation for atlantoaxial arthrodesis**  
Kanat A., AYDIN Y.  
NEUROSURGERY, vol.44, no.3, pp.687-688, 1999 (SCI-Expanded)
- CXXVI. **Science in neurosurgery: The importance of the scientific method**  
Kanat A.  
NEUROSURGERY, vol.43, no.6, pp.1497, 1998 (SCI-Expanded)
- CXXVII. **Acute posttraumatic subdural hematomas: "Intradural" computed tomographic appearance as a favorable prognostic factor**  
Kanat A.  
NEUROSURGERY, vol.43, no.3, pp.649-650, 1998 (SCI-Expanded)
- CXXVIII. **Risk factors for neurosurgical site infections after craniotomy: A prospective multicenter study of 2944 patients**  
Kanat A.  
NEUROSURGERY, vol.43, no.1, pp.189, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Olfactory bulbectomy leads to prolonged induction phase of sevoflurane anesthesia in rats.**  
Ahiskalioglu A., Kanat A., Aydin M. D., Kazdal H., Kocak N., Ozmen S.  
Medical gas research, vol.14, no.1, pp.33-37, 2024 (ESCI)
- II. **First report of the histopathological effect of electrocautery using on the urethral taste rosea during glans penis injury by incision in rabbits**  
Caglar O., Kanat A., Aydin M. D., Akça N., Özmen S.  
Asian Journal of Urology, vol.11, no.1, pp.115-120, 2024 (Scopus)
- III. **New histopathological evidence for the relationship between hydromyelia and hydrocephalus following subarachnoid hemorrhage: An experimental study.**  
Yardim A., Kanat A., Karadag M. K., Aydin M. D., Gel M. S., Daltaban I. S., Demirtas R.  
Journal of craniovertebral junction & spine, vol.14, no.3, pp.253-258, 2023 (ESCI)
- IV. **Posterior longitudinal ligament suturation after lumbar discectomy provides postoperative a large intradural area: First report.**  
Baticik O. E., Kanat A., Durmaz S., Ozdemir B., Beyazal M.  
Journal of craniovertebral junction & spine, vol.14, no.2, pp.181-186, 2023 (ESCI)
- V. **Age- and gender-related radiological changes of the cervical spine: A study with largest magnetic resonance imaging database of 5672 consecutive patients**  
Guvercin A., ARSLAN E., Hacifazlioglu C., KANAT A., ACAR ARSLAN E., YAZAR U.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.14, no.1, pp.84-92, 2023 (ESCI)
- VI. **New Histopathological Finding About Data Destroying Amyloid Black Holes in Hippocampus**

**Following Olfactory Bulb Lesion Like as the Universe**

AYDIN M. D., Aydin A., Aydin A., Ahiskalioglu E. O., AHISKALIOĞLU A., ÖZMEN S., KANAT A.  
ARCHIVES OF NEUROSCIENCE, vol.9, no.4, 2022 (ESCI)

- VII. **Deneysel Beyin Yaralanma Modelleri**  
ÖZDEMİR B., KANAT A., KAZDAL H.  
Türk Nöroşirürji Dergisi, vol.30, no.2, pp.308-311, 2020 (Peer-Reviewed Journal)
- VIII. **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., yolaş C., Calik M.  
Acta Neurologica Taiwanica, vol.28, no.1, pp.1-11, 2019 (Scopus)
- IX. **Sciatic nerve injury following analgesic drug injection in rats: A histopathological examination**  
BOSTAN H., CABALAR M., Altinay S., KALKAN Y., TUMKAYA L., Kanat A., BALIK S., ERKUT A., ALTUNER D., SALIHOGLU Z., et al.  
NORTHERN CLINICS OF ISTANBUL, vol.5, no.3, pp.176-185, 2018 (ESCI)
- X. **A Histopathological Examination: The Sciatic Nerve Injury Following Analgesic Drug Injection In Rats**  
BOSTAN H., ÇABALAR M., ALTINAY S., KALKAN Y., TÜMKAYA L., KANAT A., BALIK M. S., ERKUT A., ALTUNER D.  
Northern Clinics of Istanbul, vol.2, no.5, pp.17-22, 2018 (Peer-Reviewed Journal)
- XI. **Central Sagittal Angle of the Sacrum as a New Risk Factor for Patients with Persistent Low Back Pain after Caesarean Section**  
Kazdal H., Kanat A., Batcik O. E., Ozdemir B., Senturk S., Yildirim M., Kazancioglu L., Sen A., Batcik S., Balik M. S.  
ASIAN SPINE JOURNAL, vol.11, no.5, pp.726-732, 2017 (ESCI)
- XII. **Neglected knowledge: Asymmetric features of lumbar disc disease.**  
Kanat A., YAZAR U., OZDEMİR B., KAZDAL H., BALIK M.  
Asian journal of neurosurgery, vol.12, pp.199-202, 2017 (Peer-Reviewed Journal)
- XIII. **First report of perforation of ligamentum flavum by sequestered lumbar intervertebral disc**  
OZDEMİR B., KANAT A., Batcik O. E., ERTURK C., CELIKER F., GÜVERCİN A. R., YAZAR U.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.8, no.1, pp.70-73, 2017 (ESCI)
- XIV. **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., YOLAŞ C., AYDIN M., EZIRMIK N., GUNDOĞDU C.  
Asian journal of neurosurgery, vol.12, pp.22-27, 2017 (Peer-Reviewed Journal)
- XV. **Sudden death and cervical spine: A new contribution to pathogenesis for sudden death in critical care unit from subarachnoid hemorrhage; first report u An experimental study**  
Kazdal H., Kanat A., AYDIN M. D., YAZAR U., GÜVERCİN A. R., Calik M., GÜNDOĞDU B.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.8, no.1, pp.33-38, 2017 (ESCI)
- XVI. **Inequality in leg length is important for the understanding of the pathophysiology of lumbar disc herniation**  
Balik M. S., Kanat A., Erkut A., Ozdemir B., Batcik O. E.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.7, no.2, pp.87-90, 2016 (ESCI)
- XVII. **Cervical disc hernia operations through posterior laminoforaminotomy**  
Yolas C., Ozdemir N. G., Okay H. O., Kanat A., Senol M., Atci I. B., Yilmaz H., Coban M. K., Yuksel M. O., Kahraman U.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.7, no.2, pp.91-95, 2016 (ESCI)
- XVIII. **Ligamentum flavum hematomas: Why does it mostly occur in old Asian males Interesting point of reported cases: Review and case report**  
OZDEMİR B., KANAT A., BATÇIK O. E., GÜÇER H., YOLAS C.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.7, no.1, pp.7-12, 2016 (ESCI)
- XIX. **Frontal sinus asymmetry: Is it an effect of cranial asymmetry? X-ray analysis of 469 normal adult human frontal sinus**  
Kanat A., YAZAR U., Ozdemir B., Coskun Z. O., Erdivanli O.  
JOURNAL OF NEUROSCIENCES IN RURAL PRACTICE, vol.6, no.4, pp.511-514, 2015 (ESCI)

- XX. **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**  
öztürk C., Kanat A., AYDIN M. D., yolaş C., KABALAR M. E., GÜNDOĞDU B., Duman A., KANAT I. F., Gundogdu C.  
JOURNAL OF CRANIOVERTEBRAL JUNCTION AND SPINE, vol.6, no.2, pp.69-75, 2015 (ESCI)
- XXI. **Cystic schwannoma of the right brachial plexus causing thoracic outlet syndrome**  
SONMEZ O. F., TUMKAYA L., KANAT A., DEMİR Z., BAŞ O.  
Journal of Experimental and Clinical Medicine (Turkey), vol.29, no.1, pp.61-63, 2012 (Scopus)
- XXII. **Trigeminal ganglion neuron density and regulation of anterior choroid artery vasospasm: In a rabbit model of subarachnoid hemorrhage.**  
YILMAZ A., GUNDOĞDU C., AYDIN M., MUSLUMAN M., Kanat A., AYDIN Y.  
Surgical neurology international, vol.2, pp.77, 2011 (Scopus)

## Books & Book Chapters

- I. **Linking death, the paranasal sinuses, and traumatic head trauma**  
KANAT A., Romana Gasenzer E.  
in: Diagnosis and Treatment of Traumatic Brain Injury, Rajendram, Rajkumar,Preedy, Victor R. Martin Colin R., Editor, Elsevier, Londrina, pp.455-462, 2022
- II. **COVID-19-related Cardiovascular System and Stroke**  
Kanat A., Gündoğdu Ö. L., Gündoğdu H.  
in: COVID-19 and Cardiovascular System, D.Duman, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.30-33, 2021
- III. **Cranial Acute and Subacute Subdural Hematomas**  
Kanat A.  
in: Subdural Hematoma, Mehmet TurgutAli AkhaddarWalter A. HallAhmet T. Turgut, Editor, Springer-Verlag , Vienna, pp.25-32, 2021
- IV. **COVID-19 İLE İLİŞKİLİ KARDİYOVASKÜLER KOMPLİKASYONLAR: İNME**  
KANAT A., GÜNDOĞDU Ö. L., GÜNDOĞDU H.  
in: COVID-19 VE KARDİYOVASKÜLER SİSTEM, DUMAN DURSUN, Editor, Türkiye Klinikleri (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş.), Ankara, pp.30-33, 2021
- V. **Nörofibromatozis: Tanı Kriterleri, Klinik Bulgular veTedavi Şekilleri**  
TURGUT M., KANAT A.  
in: NÖROFİBROMATOZİSTipleri ve Tanı Kriterleri ile Farklı Bakış AçılıylaKlinik ve Tedavi Özellikler, Mehmet Turgut, Editor, AYDIN ADNAN MENDERES ÜNİVERSİTESİ REKTÖRLÜĞÜİdari ve Mali İşler Daire BaşkanlığıMatbaa Şube Müdürlüğü, Aydın, pp.1-16, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **AĞIR KAFA TRAVMALI YOĞUN BAKIM HASTALARINDA FRONTALSİNÜS VOLÜMÜNÜN MORTALİTEYE ETKİSİNİN ARAŞTIRILMASI**  
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Türk Nöroşirürji Derneği 32. Bilimsel Toplantısı, Turkey, 20 - 24 April 2019, vol.28, pp.136-137
- II. **ANKİLOZAN SPONDİLİTLİ HASTALARDA AŞIL TENDONUNUN KANTİTATİF T2 (T2 STAR) İLE DEĞERLENDİRİLMESİ ÖN ÇALIŞMA SONUÇLARI**  
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TÜRK MANYETİK REZONANS DERNEĞİ 23. YILLIK BİLİMSEL TOPLANTISI, Turkey, 10 - 12 May 2018
- III. **AĞIR KAFA TRAVMALI YOĞUN BAKIM HASTALARINDA FRONTALSİNÜS VOLÜMÜNÜN MORTALİTEYE**

## **ETKİSİNİN ARAŞTIRILMASI**

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Türk nöroşirurji derneği 32. Bilimsel Kongresi, Turkey, 20 - 24 April 2018

- IV. **AĞIR KAFA TRAVMALI YOĞUN BAKIM HASTALARINDA FRONTAL SİNÜS VÖLÜMÜNÜN MORTALİTEYE ETKİSİNİN ARAŞTIRILMASI**  
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TÜRK NÖROŞİRÜRJİ DERNEĞİ 32. BİLİMSEL KONGRESİ, Antalya, Turkey, 20 - 24 April 2018
- V. **AĞIR KAFA TRAVMALI YOĞUN BAKIM HASTALARINDA FRONTALSİNÜS VOLÜMÜNÜN MORTALİTEYE ETKİSİNİN ARAŞTIRILMASI**  
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Türk Nöroşirurji Derneği 32. Bilimsel Kongresi, Turkey, 20 - 24 April 2018
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Türk Nöroşirurji Derneği 32. Bilimsel Kongresi, Ankara, Turkey, 20 April 2018, vol.28, pp.128-129
- VIII. **ANOSMIK PARKINSON HASTALARININ ÜROGENITALKOMPLİKASYONLARININ HISTOPATOLOJİK TEMELİNİARAŞTIRILMASI OLFAKTOR BULBEKTOMİDEN SPINAL KORDUNETKİLENMESİ**  
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Türk Nöroşirurji Derneği 32. Bilimsel Toplantısı, Turkey, 20 - 24 April 2018, vol.28, pp.128-129
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Türk Nöroşirurji Derneği 31. bilimsel kongresi, Turkey, 29 March - 02 April 2017, vol.27, pp.144
- XIV. **First report of interesting awake craniotomy of a famous musician in history The suprasellar tumor surgery of Pianist Clara Haskil in 1942 without general anaesthesia**  
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Tag der Forschung, 20. Januar 2017, 20 January 2017

- XV. **SUBARAKNOİD KANAMA SAK DA AKUADUKT STENOZU KOROİDAL ARTER VAZOSPASM BAĞLANTILI EPENDİMAL HÜCREDESKUAMASYONUNUN ROLÜ DENEYSSEL ÇALIŞMA**  
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TÜRK MANYETİK REZONANS DERNEĞİ 21. YILLIK BİLİMSEL TOPLANTISI, Turkey, 26 - 28 May 2016
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TÜRK NÖROŞİRURJİ DERNEĞİ 30.BİLİMSEL KONGRESİ ANTALYA TÜRKİYE, Turkey, 8 - 12 April 2016
- XXI. **TORAKAL VE LOMBER KIRIKLARIN TEDAVİSİNDE KISA SEGMENTPEDİKÜL ENSTRÜMENTASYONU KLİNİK ÇALIŞMA**  
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TÜRK NÖROŞİRURJİ DERNEĞİ 30.BİLİMSEL KONGRESİ ANTALYA TÜRKİYE, Turkey, 8 - 12 April 2016
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Türk Nöroşirürji Derneği 30. BİLİMSEL KONGRESİ ANTALYA, Turkey, 8 - 12 April 2016
- XXIII. **SPİNAL SAK DA ONUF NÜKLEUSU PUDENTAL SİNİR GANGLİONKOMPLEKSİ DEJENARASYONU İLE ÜRİNER RETANSİYONARASINDAKİ ÖNEMLİ BAĞLANTILAR BİR DENEYSSEL ÇALIŞMA**  
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TÜRK NÖROŞİRURJİ DERNEĞİ 30.BİLİMSEL KONGRESİ ANTALYA TÜRKİYE, Turkey, 8 - 12 April 2016
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18. ULUSAL YOĞUN BAKIM KONGRESİ, Turkey, 6 - 10 April 2016
- XXV. **Kafa Travmalı Yoğun Bakım Hastalarında Orta hat şifti ile Transorbital Ultrasonik optik sinir kalınlığı ilişkisinin değerlendirilmesi**  
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18. Ulusal Yoğun Bakım Kongresi, Turkey, 6 - 10 April 2016
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TÜRK NÖROŞİRURJİ DERNEĞİ 30.BİLİMSEL KONGRESİ ANTALYA TÜRKİYE, Turkey, 8 - 12 April 2016
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TÜRK NÖROŞİRURJİ DERNEĞİ 30.BİLİMSEL KONGRESİ ANTALYA TÜRKİYE, Turkey, 8 - 12 April 2016

- XXVIII. **A novel clinical observation in neuroleptic malignant like syndrome First demonstration of early progression of hydrocephalus**  
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Türk Nöroşirürji Derneği 29. Bilimsel Kongresi, Antalya. 2015, Turkey, 17 April 2015 - 21 April 2016
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KANAT A., Akça N., ÖZDEMİR B., Osman Ersagun B., Ugur Y.  
Türk Nöroşirürji derneği 29 Bilimsel Kongresi, Turkey, 16 - 21 April 2015
- XXX. **Mean platelet volume a novel predictive marker of mortality does not work in traumatic patients of intensive care unit at admission**  
Hizir K., KANAT A., ÖZDEMİR B., Sen A.  
Türk Nöroşirürji Derneği 29. Yıllık Kongresi, Turkey, 16 - 21 April 2015
- XXXI. **Endless controversy LBP after caesarean section with spinal anesthesia Importance of age parity central sagittal angles of sacrum First Report**  
Kazdal H., KANAT A., Ulku Mete U., Senol S., Sen A.  
Türk Nöroşirürji Derneği 29. Bilimsel Kongresi, Turkey, 16 - 21 April 2015
- XXXII. **Autonomic dysfunction in subarachnoid hemorrhage**  
KANAT A., Mehmet Dumlu A., Cemal G.  
Türk Nöroşirürji Derneği 29. Bilimsel Kongresi, Turkey, 17 - 21 April 2015
- XXXIII. **Senkron Ve Metakron Beyin Metastazlarının Retrospektif İncelenmesi.**  
RAKICI S., Tufan G., KANAT A.  
Ulusal kanser kongresi, Antalya, Turkey, 20 - 26 April 2015, pp.465
- XXXIV. **Cerebral embolism folloeing trombololytic therapy for acute myocardial infarction This is second reported case**  
BOSTAN M., KANAT A., ŞEN M., KAZDAL H., BOSTAN H.  
9. international congress on coronary artery disease (ICCAD), 23 - 29 October 2011
- XXXV. **Chronic subdural hematoma in adults why does it occur more often in males than females Influence of patient s sexual gender on occurrence**  
KANAT A., KAYACI S., YAZAR U., KAZDAL H., TERZİ Y.  
Türk Nöroşirürji Derneği 24. Bilimsel Kongresi, Antalya. 2010, Turkey, 14 - 18 May 2010
- XXXVI. **Asymetry in the human frontal sinus and handedness What is importance for neurosurgery**  
KANAT A., ÇELEBİ ERDİVANLI Ö., YAZAR U., ÖZDEMİR F. O., GÜVERCİN A. R., YILMAZ A., KAZDAL H., MÜSLÜMAN M.  
23. Türk Nöroşirürji Derneği Bilimsel Kongresi, Turkey, 17 - 21 April 2009

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## Awards

KANAT A., TürkNöroşirürji Derneği 2016 Nörovascüler Alanda Nurcan Özdamar En iyi bilimsel çalışma ödülü, Türk Nöroşirürji derneği, April 2018



