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Araştırma Alanları

Tıp, Sağlık Bilimleri, Cerrahi Tıp Bilimleri, Sinir Sistemi Cerrahisi

Akademik Unvanlar / Görevler

Doç. Dr., Recep Tayyip Erdoğan Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2018 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The gender-related volumetric side asymmetries in sphenoid sinuses and their clinical significance.**
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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**
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- III. **Important Finding for COVID-19 Pandemic; Hydrocephalus producing effect of Vaporised Alcohol Disinfectant.**
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- IV. **First Report of Validation of the Prognostic Nutritional Index in Patients with Subarachnoid Hemorrhage Undergoing Endovascular Occlusion or Surgical Clipping.**
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- V. **Changes in retinal nerve fiber layer thickness may be the cause of post-COVID-19 headaches.**
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- VI. **New Evidence for Regulatory Role of Trigeminal Ganglion on the Intraocular Pressure Following**

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- 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?**
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- 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**
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- IX. **Interaction between Neurogenic Pulmonary Edema and Thoracic 3 DRG Degeneration Following Spinal Subarachnoid Hemorrhage; First Experimental Study.**
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- X. **Overlooked evidence for transmission deficit of pupillary light reflex can be secondary to trigeminal nerve ganglion degeneration following subarachnoid hemorrhage; preliminary experimental study.**
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- XI. **Could the Cerebral Involvement of COVID-19 Disease be Related to Microstructural Changes that are not Reflected in Conventional MRI Images?**
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- 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.**
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- XIII. **Deposition and characterization of the Ag nanoparticles on absorbable surgical sutures at the cryogenic temperatures**
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APPLIED PHYSICS A: MATERIALS SCIENCE AND PROCESSING, cilt.129, ss.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?**
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- 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.
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- XVI. **Biomechanical analysis of odontoid and transverse atlantal ligament in humans with ponticulus posticus variation under different loading conditions: Finite element study.**
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- XVII. **Does the anesthesia technique of cesarean section cause persistent low back pain after delivery? A retrospective analysis**
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- XVIII. **Protective Felix Culpa Effect of Superior Sympathetic Cervical Ganglion Degenerations on Prevention of Basilar Artery Spasm After Subarachnoid Hemorrhage: A Preliminary Experimental Study**
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- 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
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- XX. **Letter to the Editor Regarding "Kissing Aneurysms: Radiological and Surgical Difficulties in 30 Operated Cases and a Proposed Classification".**
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- XXI. **Introducing a new possible predisposing risk factor for odontoid type 2 fractures after cervical trauma; Ponticulus posticus anomaly of C1 vertebra**
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- XXII. **Important interaction between urethral taste bud-like structures and Onuf's nucleus following spinal subarachnoid hemorrhage: A hypothesis for the mechanism of dysorgasmia**
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- XXIII. **Some Interesting Points of Competition of X-Ray using during the Greco-Ottoman War in 1897 and Development of Neurosurgical Radiology: A Reminiscence**
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- 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
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- XXV. **Asymmetric Cross Sectional Area Size of the Psoas Muscle Seems to be a Key Feature in Patients with L4-5 Lumbar Disc Herniations**
Batick O. E., Kanat A., Ozdemir B., Gundogdu H.
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- XXVI. **Estimating basilar artery upper rupture limit by dangerous alarming diameter of arteries (DADA) following bilateral common carotid artery ligation; a new theorem**
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- XXVII. **The Influence of Music on Neurosurgical Cases: A Neglected Knowledge.**
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- XXVIII. **Letter to the Editor Regarding "Aneurysmal Subarachnoid Hemorrhage in COVID-19 Patients: A Case Series".**
Kanat A.
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- 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**
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- XXX. **First emerging evidence of the relationship between Onuf's nucleus degeneration and reduced sperm number following spinal subarachnoid haemorrhage: Experimental study**
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- XXXI. **COVID-19 infection produces subarachnoid hemorrhage; acting now to understand its cause: A short communication**
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- 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"**
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- XXXV. **Important aspect of hypoglossal nerve injury following gunshot wound; Can the clivus has a role? A case report**
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- XXXVI. **Interesting different survival status of musicians with malignant cerebral tumors.**
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- XXXVII. **New Histopathologic Evidence for the Parasympathetic Innervation of the Kidney and the Mechanism of Hypertension Following Subarachnoid Hemorrhage**
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- XXXVIII. **Controversy about the protective role of volume in the frontal sinus after severe head trauma: larger sinus equates with higher risk of death**
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- XXXIX. **What Are We Missing From Asymmetric Relationship Between the Retinal Nerve Fiber Layer Thickness Profiles and Sphenoid Sinus Volume?**
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- XL. **Rationalization of Using the MR Diffusion Imaging in B12 Deficiency**
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- XLI. **A different aspect of the unexpected death of Mozart at the age of 35 years**
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- 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"**
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- XLV. **The Effect of Neuroscientists on the Studies of Autonomic Nervous System Dysfunction Following Experimental Subarachnoid Hemorrhage**
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- XLVII. **Water-Filled Vesicles of Choroid Plexus Tumors**
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- LV. **In Reply to the Reply to the Letter to the Editor Regarding "Aneurysm Clip Compression Technique**

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