

Asst. Prof. PINAR OCAK

Personal Information

Email: pinarocak@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/pinarocak>

International Researcher IDs

ORCID: 0000-0003-0132-9927

Publons / Web Of Science ResearcherID: AAI-2073-2021

ScopusID: 55211742300

Yoksis Researcher ID: 155576

Education Information

Undergraduate, Bursa Uludağ University, Tıp Fakültesi, Tıp Pr., Turkey 2001 - 2007

Undergraduate, Bursa Uludağ University, Tıp Fakültesi, Tıp Pr., Turkey 2001 - 2007

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Lecturer, Bursa Uludağ University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Targeting Oxidative Stress and Inflammatory Response for Blood-Brain Barrier Protection in Intracerebral Hemorrhage**
Chen S., Li L., Peng C., Bian C., OCAK P., Zhang J. H. , Yang Y., Zhou D., Chen G., Luo Y.
ANTIOXIDANTS & REDOX SIGNALING, vol.37, pp.115-134, 2022 (Peer-Reviewed Journal)
- II. **The association between hematologic parameters and intracranial injuries in pediatric patients with traumatic brain injury** Running title: **Haematologic parameters in paediatric head trauma**
Eser P., Corabay S., ÖZMARASALI A. İ. , OCAKOĞLU G., TAŞKAPILIOĞLU M. Ö.
BRAIN INJURY, 2022 (Peer-Reviewed Journal)
- III. **Targeting Mfsd2a in hemorrhagic cerebrovascular diseases**
Eser P., TAŞKAPILIOĞLU M. Ö. , KOCAELİ H.
TRANSLATIONAL STROKE RESEARCH, 2022 (Peer-Reviewed Journal)
- IV. **Coexistence of TERT C228T mutation and MALAT1 dysregulation in primary glioblastoma: new prognostic and therapeutic targets**
Ak Aksoy S., Mutlu M., Tunca B., Kocaeli H., Taskapilioglu M. Ö. , Bekar A., Tekin C., Argadal O. G. , Civan M. N. , Kaya İ. S. , et al.
NEUROLOGICAL RESEARCH, vol.43, no.11, pp.916-925, 2021 (Peer-Reviewed Journal)
- V. **Long non-coding RNAs as a predictive markers of group 3 medulloblastomas.**
Mutlu M., Tekin C., Ak Aksoy S., Taskapilioglu M. Ö. , Kaya S., Balcin R. N. , Ocak P., Kocaeli H., Bekar A., Tolunay S., et

al.

Neurological research, pp.1-10, 2021 (Peer-Reviewed Journal)

- VI. **A Rare Cause of Epilepsy: Ulegyria Revisited in a Series of 10 Patients**
Demir A., Eser P., Bekar A., Hakyemez B., Bora I.
CLINICAL EEG AND NEUROSCIENCE, 2021 (Peer-Reviewed Journal)
- VII. **Resection of a Lower Clival Meningioma via Posterolateral Approach: Two-Dimensional Operative Video**
Ocak P., YILMAZLAR S.
JOURNAL OF NEUROLOGICAL SURGERY PART B-SKULL BASE, vol.82, 2021 (Peer-Reviewed Journal)
- VIII. **Comparison of Clinical and Molecular Wnt and SHH Subgroups in Medulloblastoma Tumor Cases.**
Kaya I. S. , Aksoy S., Mutlu M., Tekin C., Taskapilioglu M. Ö. , Tunca B., Civan M. N. , Eser Ocak P., Kocaeli H., Bekar A., et al.
Turkish neurosurgery, vol.31, no.4, pp.554-565, 2021 (Peer-Reviewed Journal)
- IX. **NEAT1 Is a Novel Oncogenic LncRNA and Correlated with miR-143 in Pediatric Oligodendrogliomas.**
Ak Aksoy S., Mutlu M., Balcin R. N. , Taskapilioglu M. Ö. , Tekin C., Kaya S., Civan M. N. , Kocaeli H., Bekar A., Eser Ocak P., et al.
Pediatric neurosurgery, vol.56, no.2, pp.133-139, 2021 (Peer-Reviewed Journal)
- X. **INHIBITION OF PAR-2 ATTENUATES NEUROINFLAMMATION AND IMPROVES SHORT-TERM NEUROCOGNITIVE FUNCTIONS VIA ERK1/2 SIGNALING FOLLOWING ASPHYXIA-INDUCED CARDIAC ARREST IN RATS**
Ocak U., Ocak P., Huang L., Zuo G., Yan J., Hu X., Song Z., Zhang J. H.
SHOCK, vol.54, no.4, pp.539-547, 2020 (Peer-Reviewed Journal)
- XI. **CT-Guided Percutaneous Trigeminal Tractotomy-Nucleotomy for Intractable Craniofacial Pain**
Bekar A., Eser Ocak P., Taşkapılıoğlu M. Ö. , Turkkan A.
STEREOTACTIC AND FUNCTIONAL NEUROSURGERY, vol.98, no.5, pp.350-357, 2020 (Peer-Reviewed Journal)
- XII. **Microsurgical Clipping of Giant P3 Segment Posterior Cerebral Artery Aneurysm: 2-Dimensional Operative Video**
OCAK P., KOCAELİ H.
WORLD NEUROSURGERY, vol.139, pp.148, 2020 (Peer-Reviewed Journal)
- XIII. **Intra-Arterial Onyx-18 embolization of a dural arteriovenous fistula of the sphenoparietal sinus using sceptor C balloon microcatheter: Case report**
Chen S., Ocak P., Xia Y., Zhang H.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.23, no.6, pp.879-882, 2020 (Peer-Reviewed Journal)
- XIV. **Inhibition of mast cell tryptase attenuates neuroinflammation via PAR-2/p38/NF kappa B pathway following asphyxial cardiac arrest in rats**
Ocak U., Ocak P., Huang L., Xu W., Zuo Y., Li P., Gamdzyk M., Zuo G., Mo J., Zhang G., et al.
JOURNAL OF NEUROINFLAMMATION, vol.17, no.1, 2020 (Peer-Reviewed Journal)
- XV. **Overexpression of Mfsd2a attenuates blood brain barrier dysfunction via Cav-1/Keap-1/Nrf-2/HO-1 pathway in a rat model of surgical brain injury**
Ocak P., Ocak U., Sherchan P., Gamdzyk M., Tang J., Zhang J. H.
EXPERIMENTAL NEUROLOGY, vol.326, 2020 (Peer-Reviewed Journal)
- XVI. **Retrosigmoid Transtentorial Resection of a Petroclival Meningioma: 2-Dimensional Operative Video**
Ocak P., YILMAZLAR S.
OPERATIVE NEUROSURGERY, vol.18, no.3, 2020 (Peer-Reviewed Journal)
- XVII. **FSLLRV-NH2 Improves Neurological Outcome After Cardiac Arrest in Rats**
Ocak U., OCAK P., Huang L., Zhang J. H.
TURKISH NEUROSURGERY, vol.30, no.2, pp.244-251, 2020 (Peer-Reviewed Journal)
- XVIII. **The Efficacy and Safety of Microvascular Decompression for Hemifacial Spasm: A Retrospective Analysis of Surgical Outcomes and Complications.**
BEKAR A., Kuytu T., Turkkan A., Altunyuva O., OCAK P.
Turkish neurosurgery, vol.30, no.2, pp.231-236, 2020 (Peer-Reviewed Journal)

- XIX. **The role of caveolin-1 in tumors of the brain - functional and clinical implications**
Ocak P. E. , Ocak U., Tang J., Zhang J. H.
CELLULAR ONCOLOGY, vol.42, no.4, pp.423-447, 2019 (Peer-Reviewed Journal)
- XX. **Mitoquinone attenuates blood-brain barrier disruption through Nrf2/PHB2/OPA1 pathway after subarachnoid hemorrhage in rats**
Zhang T., Xu S., Wu P., Zhou K., Wu L., Xie Z., Xu W., Luo X., Li P., Ocak U., et al.
EXPERIMENTAL NEUROLOGY, vol.317, pp.1-9, 2019 (Peer-Reviewed Journal)
- XXI. **Effect of topical rifamycin application on epidural fibrosis in rats**
Dinc C., Tuncer C., Turkoglu M. E. , Tokmak M., Ocak P., Er U.
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.65, no.1, pp.24-29, 2019 (Peer-Reviewed Journal)
- XXII. **Investigation of topographical anatomy of Broca's area: an anatomic cadaveric study**
OCAK P., KOCAELİ H.
SURGICAL AND RADIOLOGIC ANATOMY, vol.39, no.4, pp.357-365, 2017 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Analysis of echocardiographic characteristics in patients with acute intracerebral hemorrhage**
Jiang F., OCAK P., Ocak U., Xu L.
Brain Hemorrhages, vol.3, no.3, pp.108-110, 2022 (Peer-Reviewed Journal)
- II. **Presigmoid Yaklaşımlar, Translabirintin ve Transkoklear Yaklaşımlardaki Anatomik Temeller**
OCAK P., YILMAZLAR S.
Türk Nöroşirürji Dergisi, vol.30, no.1, pp.40-48, 2020 (Peer-Reviewed Journal)
- III. **Trigeminal Schwannomas: Part II—Classification, Pathology, and Treatment**
OCAK P., OCAK U., DOĞAN İ., Baskaya M. K.
Contemporary Neurosurgery, vol.40, no.2, 2018 (Peer-Reviewed Journal)
- IV. **Trigeminal Schwannomas: Part I—Anatomy, Clinical Presentation, and Radiology**
OCAK P., OCAK U., Dinc C., Baskaya M. K.
Contemporary Neurosurgery, vol.40, no.1, 2018 (Peer-Reviewed Journal)
- V. **Vascular Complications of Gunshot Wounds to the Head**
OCAK U., OCAK P., Ulas C., Sima S., Baskaya M. K.
Contemporary Neurosurgery, vol.39, no.17, pp.1-7, 2017 (Peer-Reviewed Journal)
- VI. **Dejeneratif Spinal Deformitelerde Minimal İnvaziv Yaklaşımların Yeri ve Önemi**
OCAK P.
Türkiye Klinikleri Nöroşirürji - Özel Konular, vol.7, no.2, 2017 (Peer-Reviewed Journal)
- VII. **Intracranial Infectious Aneurysms**
OCAK P., OCAK U., Ulas C., Stephanie W., Baskaya M. K.
Contemporary Neurosurgery, vol.39, no.10, 2017 (Peer-Reviewed Journal)
- VIII. **A diagnose not to miss: Rotatory Atlantoaxial subluxation in emergency service**
OCAK U., OCAK P.
Cumhuriyet Medical Journal, vol.38, no.1, pp.46-52, 2016 (Peer-Reviewed Journal)
- IX. **Left Cerebellary Toxoplasmosis with No Immunodeficiency: Case Report**
Bekar A., Ocak P., Yılmaz E., Sav A.
Journal of Spine Neurosurgery, vol.5, no.4, 2015 (Peer-Reviewed Journal)
- X. **Olfaktor Oluk Meningiomalarında Klinik Deneyimler**
YILMAZLAR S., AKTAŞ U., Kaplan T., IŞIK S., ESER P.
Uludağ Üniversitesi Tıp Fakültesi Dergisi, vol.38, no.1, pp.19-23, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

I. Retrosigmoid Approach for Vestibular Schwannoma Surgery

OCAK P., DOĞAN İ., Sima S., Baskaya M. K.

in: Vestibular Schwannoma Surgery, Mustafa K. Baskaya, G. Mark Pyle, Joseph P. Roche, Editor, Springer Nature, pp.105-133, 2019

Refereed Congress / Symposium Publications in Proceedings

I. Comparative retrospective analysis of patients with normal pressure hydrocephalus and aqueductal web-associated aqueductal stenosis

ALTUNYUVA O., OCAK P., ÖZPAR R., BEKAR A.

European Association of Neurosurgical Societies (EANS) 2021 - Neurosurgery in Translation, 03 October 2021

II. CT-guided percutaneous trigeminal tractotomy-nucleotomy for intractable craniofacial pain.

BEKAR A., OCAK P., TAŞKAPILIOĞLU M. Ö.

eEANS 2020: Beyond Borders Virtual Congress, Belgium, 19 - 21 October 2020

III. Insular Kavernomalar

OCAK P.

NOVA201 9 SEMPOZYUMU Hassas Bölge Yerleşimli Lezyonlar, İstanbul, Turkey, 21 - 22 December 2019

IV. Microsurgical clipping of a giant P3 segment posterior cerebral artery aneurysm: 2-dimensional operative video

OCAK P., KOCAELİ H.

2019 WFNS SPECIAL WORLD CONGRESS, Pekin, China, 9 - 12 September 2019

V. TT01001 restores oxidative stress-based apoptosis via mitoNEET induced mitophagy after subarachnoid hemorrhage in rats

Zhang T., Xu S., Wu P., OCAK P., Zhang J. H. , Shi H.

15th International Conference on SubArachnoid Hemorrhage, 25 - 28 July 2019

Supported Projects

TAŞKAPILIOĞLU M. Ö. , ALKAN T., OCAK P., VALİYEV P., AYDIN B., Project Supported by Higher Education Institutions, Sıçanlarda deneysel cerrahi beyin hasarı modelinde mast hücre degranülasyonu ve mast hücre triptaz salınımının azaltılmasının kan beyin bariyeri hasarını önlemede etkisinin araştırılması, 2021 - Continues

Metrics

Publication: 44

Citation (WoS): 53

Citation (Scopus): 64

H-Index (WoS): 5

H-Index (Scopus): 5