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Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Turkey 2013 - 2017

Under Graduate, Atatürk Üniversitesi, Tıp Fakültesi, Turkey 2005 - 2011

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology

Academic Titles / Tasks

Assistant Professor, Ataturk University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2018 - Continues

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

- I. **Investigation of the Effects of Pregnenolone on Behavioral Tests Against Cisplatin-Induced Toxicity in Rats**
Okkay U., Bayram C., Hacimüftüoğlu A.
NEUROENDOCRINOLOGY, vol.111, pp.27, 2021 (Journal Indexed in SCI)
- II. **Achillea millefolium alleviates testicular damage in paclitaxel-intoxicated rats via attenuation of testicular oxido-inflammatory stress and apoptotic responses**
Okkay U., Ferah Okkay I., Çiçek B., Aydın İ. Ç. , Ertugrul M. S. , Bayram C., Senyayla S., Sezen S., Mendil A. S. , Güven L., et al.
ANDROLOGIA, 2021 (Journal Indexed in SCI)
- III. **Effect of taxifolin on cisplatin-associated oxidative optic nerve damage in rats**
Ahiskali I., FERAH OKKAY I., MAMMADOV R., OKKAY U., KESKİN ÇİMEN F., KURT N., SÜLEYMAN H.
CUTANEOUS AND OCULAR TOXICOLOGY, 2020 (Journal Indexed in SCI)
- IV. **The analgesic effect of metformin on paclitaxel-induced neuropathic pain model in rats: By considering pathological results**
Hacimüftüoğlu A., Mohammadzadeh M., Taghizadehghalehjoughi A., Taşpınar N., Toğar B., Nalcı K. A. , Okkay U., Gündoğdu B.
JOURNAL OF CANCER RESEARCH AND THERAPEUTICS, vol.16, no.1, pp.34-39, 2020 (Journal Indexed in SCI)
- V. **Effect of metformin/irinotecan-loaded poly-lactic-co-glycolic acid nanoparticles on glioblastoma: in vitro and in vivo studies**
TAGHIZADEHGHALEHJOUGHİ A., HACİMÜFTÜOĞLU A., ÇETİN M., UĞUR A. B. , GALATEANU B., MEZHUEV Y., OKKAY U., Taspınar N., Taspınar M., UYANIK A., et al.
NANOMEDICINE, vol.13, no.13, pp.1595-1606, 2018 (Journal Indexed in SCI)
- VI. **Astrocyte/neuron ratio and its importance on glutamate toxicity: an in vitro voltammetric study.**
Hacimüftüoğlu A., Tatar A., CETIN D., Taspınar N., SARUHAN F., Okkay U., TURKEZ H., UNAL D., STEPHENS R. J. ,

Articles Published in Other Journals

- I. **Antidepressant-like effects of ceftriaxone in chronic unpredictable mild stress model in rats: The importance of reuptake time of glutamate**
Binnetoğlu D., Arıcıoğlu F., Özcan H., Okkay U., Hacımüftüoğlu A.
Clinical and Experimental Health Sciences, vol.9, pp.294-299, 2019 (Other Refereed National Journals)
- II. **Beneficial Effects of Achillea Millefolium and Aesculum Hippocastanum Extracts on Glutamate Excitotoxicity in the Primary Cultured Neurons.**
Ferah I., Okkay U., Çiçek B., Yeşilyurt F., Yılmaz A., Hacımüftüoğlu A.
Advances in Clinical Toxicology, vol.4, no.4, 2019 (Refereed Journals of Other Institutions)
- III. **Nöropatik Ağrı Hayvan Modelleri**
OKKAY U., HACİMÜFTÜOĞLU A.
Türkiye Klinikleri Journal of Pharmacology Special Topics, vol.4, pp.61-68, 2016 (Other Refereed National Journals)
- IV. **Nöropatik Ağrı Hayvan Modelleri Animal Models of Neuropathic Pain**
OKKAY U., HACİMÜFTÜOĞLU A.
Türkiye Klinikleri Farmakoloji Özel Dergisi, vol.4, pp.61-68, 2016 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **N-ASETİL SİSTEİN'İN DENTAL PULPA KÖK HÜCRELERİ ÜZERİNDEKİ ETKİLERİ**
Derelioğlu S., Ferah I., Okkay U.
IDU-DENT 2020, İzmir, Turkey, 28 - 29 November 2020
- II. **Therapeutic potential of bromelain in 6-hydroxydopamine rat model of parkinson's disease**
Cicek B., Gül M., Taghizadehghalehjoughi A., Okkay U., Yıldırım S., Okkay I. F., Ertugrul M. S., Aydın A. C., Bayram C., Arslan Y. K., et al.
33rd Congress of the European-College-of-Neuropsychopharmacology (ECNP), ELECTR NETWORK, 12 - 15 September 2020, vol.40
- III. **Therapeutic potential of bromelain in 6-hydroxydopamine rat model of Parkinson's disease**
Çiçek B., Gül M., Taghizadehghalehjoughi A., Okkay U., Yıldırım S., Ferah Okkay I., Ertuğrul M. S., Aydın İ. Ç., Bayram C., Arslan Y. K., et al.
33rd ECNP, Utrecht, Netherlands, 12 - 15 September 2020
- IV. **Investigation of the Effects of Allopregnanolone on DPSCs in New Dental Biomaterial Production**
Yeşilyurt F., Okkay U., Taghizadehghalehjoughi A., Derelioğlu S., Hacımüftüoğlu A.
BIO TÜRKİYE - Uluslararası Biyoteknoloji Kongresi, İstanbul, Turkey, 5 - 07 March 2020
- V. **RATLARDA DENEYSEL OLARAK AÇIK FEMUR KIRIĞI ZEMİNİNDE OLUŞTURULAN OSTEOMİYELİT MODELİNDE FARKLI ORANLARDAKİ HİDROKSİAPATİT VE/VEYA BOR NİTRÜR'ÜN ETKİLERİNİN ARAŞTIRILMASI**
FERAH I., HALICI Z., AYDIN A., ALBAYRAK A., AY N., BAKAN F., KARAMAN A., UYANIK M. H., OKKAY U.
HOCA AHMET YESEVİ2. ULUSLARARASİBİLİMSEL ARAŞTIRMALAR KONGRESİ, 6 - 08 December 2019
- VI. **DENEYSEL ALZHEİMER MODELİ OLUŞTURULMUŞ SIÇANLARDA GLUTAMAT GERİ ALINIM PARAMETRE DEĞİŞİMİ VE YENİ TEDAVİ ÖNERİLERİ**
Okkay U., Hacımüftüoğlu A., Ferah I.
HOCA AHMET YESEVİ2. ULUSLARARASİBİLİMSEL ARAŞTIRMALAR KONGRESİ, Erzurum, Turkey, 6 - 08 December 2019
- VII. **Bromelain Makes Glioblastoma Multiforme Cells Susceptible to the Temozolomide Cytotoxicity by**

Affecting the Activities of Carbonic Anhydrase and Some Antioxidant Enzymes

Çiçek B., Gül M., Taghizadehghalehjoughi A., Okkay U., Durmuş U., Yeşilyurt F., Abd El Aty M., Hacimüftüoğlu A.
45. Ulusal Fizyoloji Kongresi, Aydın, Turkey, 31 October - 03 November 2019, vol.227

VIII. In vivo Sensors and Biotechnological Neuroscience Implementations

HACİMÜFTÜOĞLU A., ÇAVUŞOĞLU B., ÖZBEK İ. Y., ERTUĞRUL M., OKKAY U., TAGHIZADEHGHLEHJOUGHİ A.
International Ivek Bio Congress, 26 - 28 November 2018

IX. Comparing Our New Electrodes with Pt-Iridium Commercial Electrodes

YESİLYURT F., Ertuğrul M. S., OKKAY U., TAGHIZADEHGHLEHJOUGHİ A., HACİMÜFTÜOĞLU A.
IVEK BİO, 28 - 30 November 2018

X. Escitalopram and serotonin reuptake parameters in animal model of chronic pain: an In vivo voltammetric study

HACİMÜFTÜOĞLU A., OKKAY U., NALCI K. A., TOĞAR B., TAŞPINAR N., AYDIN İ. Ç.
2017 Neuroscience, 11 - 15 November 2017

XI. Effects of ceftriaxone with/without excitatory amino acid transporter blockers on GBM cell line

NALCI K. A., HACİMÜFTÜOĞLU A., OKKAY U., TAGHIZADEHGHLEHJOUGHİ a., TAŞPINAR N., TAŞPINAR M.
neuroscience 2017, 11 - 15 November 2017

XII. Sıçanlarda paklitakselle oluşturulan nöropatik ağrı modelinde metformin'in etkisi

Mohammadzadeh M., HACİMÜFTÜOĞLU A., TAGHIZADEHGHLEHJOUGHİ A., TAŞPINAR N., NALCI K. A., TOĞAR B.,
OKKAY U., Bütüner S.

14. ulusal sinirbilim kongresi, Turkey, 26 - 29 June 2016

XIII. Sıçanlarda paklitakselle oluşturulan nöropatik ağrı modelinde metformin in etkisi

Mohammadzadeh m., HACİMÜFTÜOĞLU A., Taghizadehghalehjoughi A., UYANIK A., TAŞPINAR N., NALCI K. A., toğar
B., OKKAY U., Bütüner S.

14. ULUSAL SİNİRBİLİM KONGRESİ, Turkey, 26 - 29 May 2016

XIV. Effects of irinotecan nanoparticles on viability rates of glioblastoma multiforme and neurons

HACİMÜFTÜOĞLU A., TAGHIZADEHGHLEHJOUGHİ A., OKKAY U., TAŞPINAR N., NALCI K. A., TAŞPINAR M., ÇETİN
M., UYANIK A., Bütüner s.

Society for Neuroscience Annual meeting - Chicago, 2015, 20 - 22 October 2015

XV. Metformin HCl-Loaded PLGA-Ethyl Cellulose (EC) Nanoparticles (NPs): Preparation and In Vitro Evaluation

UĞUR A. B., ÇETİN M., TAGHIZADEHGHLEHJOUGHİ A., HACİMÜFTÜOĞLU A., OKKAY U.

17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014, pp.276-278

XVI. Metformin HCl loaded PLGA ethyl cellulose EC nanoparticles NPs preparation and in vitro evaluation

UĞUR A. B., ÇETİN M., Taghizadehghalehjoughi A., HACİMÜFTÜOĞLU A., OKKAY U.

17th International Pharmaceutical Technology Symposium, 8 - 10 September 2014

XVII. Metformin HCl-Loaded PLGA-Ethyl Cellulose (EC) Nanoparticles (NPs): Preparation and In Vitro Evaluation

UĞUR A. B., ÇETİN M., TAGHIZADEHGHLEHJOUGHİ A., HACİMÜFTÜOĞLU A., OKKAY U.

17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014, pp.276-278

Supported Projects

HACİMÜFTÜOĞLU A., OKKAY U., Project Supported by Higher Education Institutions, "DENEYSEL PARKİNSON HASTALIĞI MODELİ OLUŞTURULMUŞ RATLARDA GLUTAMAT GERİ ALINIM PARAMETRELERİNİN ÖLÇÜLMESİ VE YENİ TEDAVİ ÖNERİLERİ", 2015 - 2019

HACİMÜFTÜOĞLU A., TAŞPINAR M., OKKAY U., SAĞSÖZ M. E., Project Supported by Higher Education Institutions, DENEYSEL ALZHEİMER HASTALIĞI MODELİNDE OPTOGENETİK VE DAVRANIŞSAL FARKLILIKLARIN GLUTAMAT TRANSPORTER AKTİVATÖRLERİYLE DÜZELTİLMESİ, 2015 - 2019

Scientific Refereeing

Medicine Science, Other Indexed Journal, March 2019

Citations

Total Citations (WOS):30

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