

Prof. Mustafa Ayyıldız

Personal Information

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International Researcher IDs

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Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Hukuk Bölümü, Turkey 2019 - 2021

Doctorate, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), Turkey 1989 - 1994

Postgraduate, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli), Turkey 1986 - 1989

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 1982 - 1986

Dissertations

Doctorate, Albino tavşanlarda kortikospinal nöronların organizasyonu, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), 1994

Postgraduate, Tavşanda medulla piramitlerinden geçen miyelinli kortikospinal aksonların çaplarına göre sınıflandırılması, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli), 1989

Research Areas

Neurophysiology

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2008 - Continues

Associate Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1998 - 2008

Assistant Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1996 - 1998

Lecturer PhD, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1994 - 1996

Lecturer, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1989 - 1994

Research Assistant, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Fizyoloji Anabilim Dalı (S), 1987 - 1989

Academic and Administrative Experience

Fakülte Akademik Kurul Üyesi, Ondokuz Mayıs University, Tıp Fakültesi, 2021 - Continues

Ondokuz Mayıs University, 2021 - Continues

Ondokuz Mayıs University, 2021 - Continues

Head of Ethics Committee, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2018 - Continues

Ondokuz Mayıs University, 2015 - 2016

Ondokuz Mayıs University, 1999 - 2000

Ondokuz Mayıs University, 1997 - 2000

Courses

Fizyopatoloji I, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Sinir Sisteminin Fonksiyonel Yapısı, Doctorate, 2013 - 2014

Fizyoloji-Dış Hekimliği Fakültesi, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2001 - 2002, 2000 - 2001

Nöroendokrinoloji, Doctorate, 2013 - 2014

Human Physiology (English Medicine), Undergraduate, 2013 - 2014, 2012 - 2013

Kan Fizyolojisi, Postgraduate, 2013 - 2014

Fizyoloji Beslenme ve Diyetetik Bölümü, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Duyusal Sistemler, Postgraduate, 2013 - 2014

Temel Sinirbilimler, Doctorate, 2013 - 2014

Hücre Fizyolojisi, Postgraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

İnsan Fizyolojisi (Türkçe Tıp), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2001 - 2002, 2000 - 2001

Hemşirelikte Fizyoloji, Postgraduate, 2013 - 2014, 2012 - 2013

Fizyopatoloji II, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Kimyasal Duyular, Doctorate, 2012 - 2013

Solunum Fizyolojisi, Doctorate, 2012 - 2013

Böbrek Fizyolojisi, Doctorate, 2011 - 2012, 2010 - 2011

İleri Endokrin Fizyolojisi, Doctorate, 2009 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Chronic Swimming Exercise and Vitamin E Supplementation on Bone Element Metabolism in Epileptic Rats**
BALTACI S. B., TUTKUN E., Ayyıldız M., Ağar E., Arslan G., Mogulkoc R., Baltacı A. K.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.61, no.2, pp.113-118, 2024 (SCI-Expanded)
- II. **Role of cannabinoid CB1 receptors in the proconvulsant effect of Apelin-13 on penicillin-induced epileptiform activity**
Ayçık F. B., Ayyıldız M., Ağar E.
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, no.4, pp.238-244, 2024 (SCI-Expanded)
- III. **The role of HCN channels on the effects of T-type calcium channels and GABA_A receptors in the absence epilepsy model of WAG/Rij rats**
Tiryaki E. S., Arslan G., Günaydın C., Ayyıldız M., Ağar E.
PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY, no.3, pp.337-350, 2024 (SCI-Expanded)
- IV. **The effects of leptin and cannabinoid CB1 receptor agonist/ antagonist in cerebral tissues of epileptic rats**
Kilicoglu M., Duz U., Arslan G., Ayyıldız M., Agar E., Kılıç N.
REVISTA DA ASSOCIACAO MEDICA BRASILEIRA, vol.70, no.5, 2024 (SCI-Expanded)
- V. **The Effect of Escitalopram on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Hatipoğlu B., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, pp.40, 2023 (SCI-Expanded)

- VI. **The electrophysiological and behavioral evaluation of the peptide hemopressin and cannabinoid CB1 receptor agonist and antagonist in pentylenetetrazol model of epilepsy in rats**
Al-Kaleel A., AYGÜN H., Al-Gailani L., Kabak Y., İnal S., Ayyıldız M., Him A., Ağar E.
PFLUGERS ARCHIV-EUROPEAN JOURNAL OF PHYSIOLOGY, vol.475, pp.719-730, 2023 (SCI-Expanded)
- VII. **The Effect of the Acetylcholinesterase Inhibitor Rivastigmine on the Pentylenetetrazole-Induced Kindling Model of Experimental Epilepsy**
Türkdönmez Ak E., Okuyucu B., Hatipoğlu B., Tiryaki E. S., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, pp.65-66, 2023 (SCI-Expanded)
- VIII. **The Effect of Magnesium Sulphate on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Hatipoğlu B., Okuyucu B., Türkdönmez Ak E., Tiryaki E. S., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.237, pp.67, 2023 (SCI-Expanded)
- IX. **Panel 1.3: Effects of Gut Microbiota on the Central Nervous System**
Ayyıldız M.
ACTA PHYSIOLOGICA, vol.237, pp.15, 2023 (SCI-Expanded)
- X. **The Effect of Rivastigmine on Spike-Wave Discharges and Interaction with T-Type Calcium Channels in WAG/Rij Rats**
Türkdönmez Ak E., Okuyucu B., Tiryaki E. S., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.237, pp.34, 2023 (SCI-Expanded)
- XI. **Comparison of the Effects of Levetiracetam and Valproic Acid on Spike-Wave Discharges in WAG/Rij Rats with Genetic Absence Epilepsy**
Türkdönmez Ak E., Okuyucu B., Hatipoğlu B., Tiryaki E. S., Ayyıldız M., Arslan G., Ağar E.
ACTA PHYSIOLOGICA, pp.66, 2023 (SCI-Expanded)
- XII. **Nesfatin-1 exerts anticonvulsant effect by reducing oxidative stress in experimental epilepsy model**
Keloglan S. M., AYÇIK F. B., Kocacan S. E., Yazgan B., Ayyıldız M., Ağar E.
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, no.3, pp.227-235, 2023 (SCI-Expanded)
- XIII. **The Role of Serotonin 5-HT7 Receptor on Penicillin-Induced Epileptiform Activity**
Kocacan S. E., Arslan G., Rzayev E., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.234, pp.12, 2022 (SCI-Expanded)
- XIV. **The Effect of Metformin on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Alver B., Arslan G., Al Kaleel A. Z. K., Türkdönmez Ak E., Tiryaki E. S., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.62, 2022 (SCI-Expanded)
- XV. **Poster Communications**
Tosun S., Kocacan S. E., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.57, 2022 (SCI-Expanded)
- XVI. **The Effect of Minocycline on Total Oxidant and Antioxidant Levels During Penicillin-Induced Epileptiform Activity**
Tosun S., Kocacan S. E., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.16, 2022 (SCI-Expanded)
- XVII. **The Effect of Social Isolation Stress on Epileptic Activity in the Adolescent Period**
Musuroglu S. K., AYÇIK F. B., ŞAHİN L., Sen F., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.33, 2022 (SCI-Expanded)
- XVIII. **The Role of T-Type Calcium Channels in the Effect of 5-HT7 Serotonin Receptor on Penicillin-induced Epileptiform Activity**
Kocacan S. E., Arslan G., Rzayev E., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.234, pp.14, 2022 (SCI-Expanded)
- XIX. **The Effect of HCN Channel Antagonist Ivabradine on Spike-Wave Discharges (Swds) In Genetic Absence Epileptic WAG/Rij Rats**
Tiryaki E. S., Arslan G., Gunaydin C., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.14, 2022 (SCI-Expanded)
- XX. **THE effect of general anesthetics on genetic absence epilepsy in WAG/Rij rats**

- Al-Gailani L., Al-Kaleel A., Arslan G., Ayyıldız M., Açar E.
Neurological Research, vol.44, no.11, pp.995-1005, 2022 (SCI-Expanded)
- XXI. **Vortioxetine increases absence-like seizures in WAG/Rij rats but decreases penicillin- and pentylenetetrazole-induced seizures in Wistar rats**
Aygün H., Ayyıldız M.
Epilepsy and Behavior, vol.116, 2021 (SCI-Expanded)
- XXII. **Physical exercise and 5-hydroxytryptophan, a precursor for serotonin synthesis, reduce penicillin-induced epileptiform activity**
Kayacan Y., Ghojbeigloo B. E., Cerit G., Kocacan S. E., Ayyıldız M.
EPILEPSY & BEHAVIOR, vol.112, 2020 (SCI-Expanded)
- XXIII. **The Role of NMDA Receptors in the Effect of Purinergic P2X7 Receptor on Spontaneous Seizure Activity in WAG/Rij Rats With Genetic Absence Epilepsy**
Dogan E., AYĞÜN H., Arslan G., Rzayev E., Avcı B., Ayyıldız M., Açar E.
FRONTIERS IN NEUROSCIENCE, vol.14, 2020 (SCI-Expanded)
- XXIV. **Hemopressin increases penicillin-induced epileptiform activity in rats**
Aygün H., Arslan G., Sen E., Ayyıldız M., Açar E.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.1, pp.37-42, 2020 (SCI-Expanded)
- XXV. **The Role of Inducible Nitric Oxide Synthase Inhibition on the Effect of Resveratrol on Penicillin-Induced Epileptiform Activity**
Mohamud M. H., Kocacan S. E., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.74, 2019 (SCI-Expanded)
- XXVI. **The Role of Neuronal Nitric Oxide Synthase Inhibition on the Effect of Resveratrol on Penicillin-Induced Epileptiform Activity**
Mohamud M. H., Kocacan S. E., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.73, 2019 (SCI-Expanded)
- XXVII. **Effect of NAN-190 and Vilazodone Interaction on Penicillin-Induced Epileptiform Activity**
Hokelek H., Kocacan S. E., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.74, 2019 (SCI-Expanded)
- XXVIII. **Effect of Tadalafil in Penicillin-Induced Epileptiform Activity**
Tiryaki E. S., Arslan G., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.103, 2019 (SCI-Expanded)
- XXIX. **Effect of Nesfatin-1 on Oxidative Stress Parameters in Experimental Epilepsy Model**
KELOĞLAN S., YAZGAN B., Sen F. B., Kocacan S. E., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.101, 2019 (SCI-Expanded)
- XXX. **The Role of 5-Hydroxytryptophan and 7-Nitroindazole on Absence Epilepsy**
Tosun S., Kocacan S. E., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.45, 2019 (SCI-Expanded)
- XXXI. **The Effect of Chloral Hydrate and Urethane on Epileptiform Activity in Wag\Rij Rats**
Algailani L. A. K., Al Kaleel A. Z. K., Arslan G., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.77, 2019 (SCI-Expanded)
- XXXII. **The Effect of Isoflurane and Ketamine/Xylazine on Epileptiform Activity in Genetic Absence Epilepsy (Wag\Rij) Rats Model**
Algailani L. A. K., Al Kaleel A. Z. K., Arslan G., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.77, 2019 (SCI-Expanded)
- XXXIII. **The Role of Calcium in Epilepsy**
Ayyıldız M.
ACTA PHYSIOLOGICA, vol.227, pp.12, 2019 (SCI-Expanded)
- XXXIV. **The Effect of Cannabinoids on Epileptic Activity in WAG/Rij Rats and the Role of Purinergic P2X7 Receptors in This Effect**
Seri E., AYĞÜN H., Arslan G., Avcı B., Ayyıldız M., Açar E.
ACTA PHYSIOLOGICA, vol.227, pp.78, 2019 (SCI-Expanded)

- XXXV. **The Effect of CB1 Receptor Agonist and Antagonist on the Epileptiform Activity in a Pentylentetrazole Kindling Rat Model**
Al Kaleel A. Z. K., AYGÜN H., Kamil L. A. K., Kabak Y., İnal S., Ayyıldız M., Him A., Ağar E.
ACTA PHYSIOLOGICA, vol.227, pp.76, 2019 (SCI-Expanded)
- XXXVI. **The Effect of Hemopressin Combined To CB1 Receptor Agonist and Antagonist on Epileptiform Activity in the Pentylentetrazole Kindling Rat Model**
Al Kaleel A. Z. K., AYGÜN H., Kamil L. A. K., Kabak Y., İnal S., Ayyıldız M., Him A., Ağar E.
ACTA PHYSIOLOGICA, vol.227, pp.24, 2019 (SCI-Expanded)
- XXXVII. **Investigation of the Interaction of Exenatide and Cannabinoid Receptors in Penicillin-Induced Epilepsy Model**
Jimale H. M., Yildiz A., Kocacan S. E., Ayyıldız M., Him A.
ACTA PHYSIOLOGICA, vol.227, pp.45, 2019 (SCI-Expanded)
- XXXVIII. **Effects of vitamin D and paricalcitol on epileptogenesis and behavioral properties of WAG/Rij rats with absence epilepsy**
Aygun H., Ayyıldız M., Ağar E.
EPILEPSY RESEARCH, vol.157, 2019 (SCI-Expanded)
- XXXIX. **The effect of serotonin on penicillin-induced epileptiform activity**
TAŞKIRAN M., TAŞDEMİR A., AYYILDIZ N., Ayyıldız M., Ağar E.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.129, no.7, pp.687-697, 2019 (SCI-Expanded)
- XL. **Swimming exercise decreases the absence-like epileptic activity in WAG/Rij rats**
Aygun H., Ayyıldız M., Ağar E.
BEHAVIOURAL BRAIN RESEARCH, vol.363, pp.145-148, 2019 (SCI-Expanded)
- XLI. **The effects of moderate running exercise and L-tyrosine on penicillin-induced epileptiform activity in rats**
Kayacan Y., Kisa E. C., Ghojebeigloo B. E., Kocacan S. E., Ayyıldız M., Ağar E.
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, vol.79, no.2, pp.148-154, 2019 (SCI-Expanded)
- XLII. **The Effect of Vilazodone on Penicillin-Induced Epileptiform Activity**
Hokelek H., Kocacan S. E., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.58, 2018 (SCI-Expanded)
- XLIII. **The Effect of Serotonin Receptor Antagonist NAN-190 on Penicillin-Induced Epileptiform Activity**
Hokelek H., Kocacan S. E., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.20, 2018 (SCI-Expanded)
- XLIV. **Effect of Ceftriaxone on Spontaneous Epileptic Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Tiryaki E. S., Arslan G., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.56, 2018 (SCI-Expanded)
- XLV. **The Effect of P2X7 Receptor Antagonist A-438079 On Absence Epilepsy Model of WAG/Rij Rats**
Sen E., AYGÜN H., Arslan G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.21, 2018 (SCI-Expanded)
- XLVI. **Effect of Caffeine on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Arslan G., Tiryaki E. S., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.57, 2018 (SCI-Expanded)
- XLVII. **Effects of Paricalcitol on WAG/Rij Rats with Absence Epilepsy**
AYGÜN H., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.59, 2018 (SCI-Expanded)
- XLVIII. **Effect of Exercise-Related Coenzyme Q10 Use on Epileptiform Activity in Rats**
Kayacan Y., Cerit G., Ghojebeigloo B. E., Kocacan S. E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.225, pp.57, 2018 (SCI-Expanded)
- XLIX. **Effect of Neuropeptide S on Penicillin-Induced Experimental Epileptiform Activity**
Cicekli C., Sen F. B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.56, 2018 (SCI-Expanded)

- L. **Effect of arginine supplementation on footballers' anaerobic performance and recovery**
MOR A., Atan T., Agaoglu S. A., Ayyıldız M.
PROGRESS IN NUTRITION, vol.20, no.1, pp.104-112, 2018 (SCI-Expanded)
- LI. **The Effect of P2X7 Receptors on Penicillin-induced Epileptiform Activity and the Role of T-type Calcium Channel Inhibitor NNC 55-3069 on This Effect**
ARSLAN G., Kocacan S. E., Ayyıldız M., Rzayev E., Avcı B., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.33, 2017 (SCI-Expanded)
- LII. **The Effect of Leptin on Epileptic Activity in WAG/Rij Rats**
Tosun S., Sen E., Arslan G., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.37, 2017 (SCI-Expanded)
- LIII. **The Effect of P2X7 Receptor Agonist, BzATP on Absence-Like Epileptic Activity in Wag/Rij Rats**
Sen E., AYĞÜN H., Arslan G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.26, 2017 (SCI-Expanded)
- LIV. **Exercise and L-tyrosine Supplementation on Penicillin-induced Epileptiform Activity in Rats**
Kayacan Y., Kisa E. C., Ghojebeigloo B. E., Kocacan S. E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.221, pp.99, 2017 (SCI-Expanded)
- LV. **The Role of NMDA Receptor Blocker Memantine in the Effect of P2X7 Receptors on Penicillin-induced Epileptiform Activity**
ARSLAN G., Kocacan S. E., Ayyıldız M., Rzayev E., Avcı B., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.106, 2017 (SCI-Expanded)
- LVI. **Interaction between urethane and cannabinoid CB1 receptor agonist and antagonist in penicillin-induced epileptiform activity**
Arslan G., Alici S. K., Ayyıldız M., Ağar E.
Acta Neurobiologiae Experimentalis, vol.77, no.2, pp.128-136, 2017 (SCI-Expanded)
- LVII. **The effects of treadmill exercise on penicillin-induced epileptiform activity**
Kayacan Y., TUTKUN E., Arslan G., Ayyıldız M., Ağar E.
ARCHIVES OF MEDICAL SCIENCE, vol.12, no.5, pp.935-940, 2016 (SCI-Expanded)
- LVIII. **The Role of T-Type Calcium Channels in Proconvulsant Effect of Apelin-13 on Penicillin-Induced Epileptiform Activity**
Ucar D., ARSLAN G., Alici S. K., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.8, 2016 (SCI-Expanded)
- LIX. **Role of Cannabinoid cb1 Receptor in Proconvulsant Effect of Apelin-13 on Penicillin-induced Epileptiform Activity**
Sen F. B., Ucar D., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.83, 2016 (SCI-Expanded)
- LX. **The Effect of Theophylline Ethylenediamine on Seizures in Older WAG/Rij Rat**
AYĞÜN H., ARSLAN G., ERBAŞ O., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.84, 2016 (SCI-Expanded)
- LXI. **The Effect of P2X7 Receptor Antagonist A-438079 on Penicillin-induced Epileptiform Activity**
ARSLAN G., Kocacan S. E., Ayyıldız M., Rzayev E., Avcı B., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.77, 2016 (SCI-Expanded)
- LXII. **The Effect of Low Dose Memantine on Epileptic Activity in WAG/Rij Rats**
Sen E., AYĞÜN H., ARSLAN G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.77-78, 2016 (SCI-Expanded)
- LXIII. **Assessment of chronic disease prevalence, nutritional habits and healthy lifestyle behaviors in elderly patients**
Aydın Avcı İ., Nal B., Ayyıldız M.
PROGRESS IN NUTRITION, vol.18, no.1, pp.26-31, 2016 (SCI-Expanded)
- LXIV. **Effects of Ginkgo biloba extract on brain oxidative condition after cisplatin exposure**
Aydın D., Peker E. G. G., Karakurt M. D., Gurel A., Ayyıldız M., COŞKUN CEVHER Ş., Ağar E., Dane S.
CLINICAL AND INVESTIGATIVE MEDICINE, vol.39, no.6, 2016 (SCI-Expanded)

- LXV. **The Effect of Ascorbic Acid on Absence Epilepsy Model of Wag/Rij Rats**
Sen E., AYGÜN H., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.215, pp.96, 2015 (SCI-Expanded)
- LXVI. **Effect of 5-HT_{2a} Receptor Agonist DOI on Epileptiform Activity**
TAŞKIRAN M., TAŞDEMİR A., Ayyıldız M., Ağar E., AYYILDIZ N.
ACTA PHYSIOLOGICA, vol.215, pp.96, 2015 (SCI-Expanded)
- LXVII. **Interaction between Cannabinoid CB₁ Receptor and T-type Calcium Channel on Penicillin Induced Epileptiform Activity in Rat**
Alici S. K., ARSLAN G., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.215, pp.26, 2015 (SCI-Expanded)
- LXVIII. **Effect of Timokinin and 7-Nitroindazol Combination on Penicillin Induced Epileptiform Activity in Rat**
Altinkaynak E., ARSLAN G., Alici S. K., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.215, pp.66, 2015 (SCI-Expanded)
- LXIX. **Role of Cannabinoid CB₁ Receptor AM-251 in Proconvulsant Effect of Apelin Experimental Epileptiform Activity Generated with Penicillin**
Sen F. B., Ucar D., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.215, pp.95, 2015 (SCI-Expanded)
- LXX. **The Effect of Apelin-13 on Penicillin-Induced Epileptiform Activity in Rats**
Ucar D., ARSLAN G., Alici S. K., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.215, pp.45-46, 2015 (SCI-Expanded)
- LXXI. **The Effect of CB₁ Cannabinoid Receptor Antagonist AM-251 on Spike Wave Discharges in WAG/Rij Rat**
AYGÜN H., ARSLAN G., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.215, pp.46, 2015 (SCI-Expanded)
- LXXII. **The effects of agomelatine and melatonin on ECoG activity of absence epilepsy model in WAG/Rij rats**
AYGÜN H., Aydın D., Inanir S., Ekici F., Ayyıldız M., Ağar E.
TURKISH JOURNAL OF BIOLOGY, vol.39, no.6, pp.904-910, 2015 (SCI-Expanded)
- LXXIII. **The Effect of Hemostatic Agents and Tissue Adhesive on Injured Peripheral Nerve Healing in Rats - Part I. Electrophysiological Study**
Sener I., Bereket C., Arslan G., Özkan N., Ozdemir M., Mercan U., Ayyıldız M., Ağar E.
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.24, no.1, pp.23-29, 2015 (SCI-Expanded)
- LXXIV. **Long-term ascorbic acid administration causes anticonvulsant activity during moderate and long-duration swimming exercise in experimental epilepsy**
TUTKUN E., Arslan G., Soslu R., Ayyıldız M., Ağar E.
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, vol.75, no.2, pp.192-199, 2015 (SCI-Expanded)
- LXXV. **Antiepileptic Effects of Melatonin**
SEYİTHANOĞLU M. H., TURGUT M., GUNDAG M., Ayyıldız M., Kaplan S., Tuzgen S.
MELATONIN: THERAPEUTIC VALUE AND NEUROPROTECTION, pp.421-429, 2015 (SCI-Expanded)
- LXXVI. **The interaction between ghrelin and cannabinoid systems in penicillin-induced epileptiform activity in rats**
Arslan G., Ayyıldız M., Ağar E.
NEUROPEPTIDES, vol.48, no.6, pp.345-352, 2014 (SCI-Expanded)
- LXXVII. **Comparison between Flexible Collagen and Vein Conduits Used for Size-Discrepant Nerve Repair: An Experimental Study in Rats**
Demir A., Şimşek T., Acar M., Aktas A., Vlamings R., Ayyıldız M., Yildirim M., Temel Y., Kaplan S.
JOURNAL OF RECONSTRUCTIVE MICROSURGERY, vol.30, no.5, pp.329-334, 2014 (SCI-Expanded)
- LXXVIII. **Lipid peroxidation in kidney and testis tissues in experimental hypothyroidism: The role of zinc**
Baltacı A., Mogulkoc R., Ayyıldız M., Kafalı E., Koyuncuoglu T.
Bratislava Medical Journal, vol.115, no.8, pp.498-501, 2014 (SCI-Expanded)
- LXXIX. **The involvement of iNOS activity in the anticonvulsant effect of grape seed extract on the penicillin-**

induced epileptiform activity in rats

PER S., Tasdemir A., Yildirim M., Ayyıldız M., AYYILDIZ N., Agar E.

ACTA PHYSIOLOGICA HUNGARICA, vol.100, no.2, pp.224-236, 2013 (SCI-Expanded)

- LXXX. **The Role of CB1-Receptors in the Proconvulsant Effect of Leptin on Penicillin-Induced Epileptiform Activity in Rats**
Arslan G., Alici S. K., Ayyıldız M., Ağar E.
CNS NEUROSCIENCE & THERAPEUTICS, vol.19, no.4, pp.222-228, 2013 (SCI-Expanded)
- LXXXI. **The effect of combined treatment of alpha-tocopherol, ascorbic acid, and pyridoxine with NMDA blocker memantine on penicillin-induced epileptiform activity in rats**
Aydin D., Yildirim M., Ayyıldız M., Ağar E.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.43, no.2, pp.245-250, 2013 (SCI-Expanded)
- LXXXII. **The Interactions of Nitric Oxide and Acetylcholine on Penicillin-Induced Epilepsy in Rats**
Marangoz A. H., Yildirim M., Ayyıldız M., Marangoz C.
NEUROCHEMICAL RESEARCH, vol.37, no.7, pp.1465-1474, 2012 (SCI-Expanded)
- LXXXIII. **THE EFFECT OF MELATONIN AND PLATELET GEL ON SCIATIC NERVE REPAIR: AN ELECTROPHYSIOLOGICAL AND STEREOLOGICAL STUDY**
Kaplan S., PİŞKİN A., Ayyıldız M., Aktas A., Koksal B., TUNALI M. B., Türkmen A. P., Bakan F., Geuna S.
MICROSURGERY, vol.31, no.4, pp.306-313, 2011 (SCI-Expanded)
- LXXXIV. **Periaqueductal Grey Stimulation Induced Panic-Like Behaviour Is Accompanied by Deactivation of the Deep Cerebellar Nuclei**
Moers-Hornikx V. M. P., Vles J. S. H., Lim L. W., Ayyıldız M., Kaplan S., Gavilanes A. W. D., Hoogland G., Steinbusch H. W. M., Temel Y.
CEREBELLUM, vol.10, no.1, pp.61-69, 2011 (SCI-Expanded)
- LXXXV. **The effect of co-administration of the NMDA blocker with agonist and antagonist of CB1-receptor on penicillin-induced epileptiform activity in rats**
Cakil D., Yildirim M., Ayyıldız M., Ağar E.
EPILEPSY RESEARCH, vol.93, no.2-3, pp.128-137, 2011 (SCI-Expanded)
- LXXXVI. **The interactions of nitric oxide and adenosine on penicillin-induced epileptiform activity in rats**
Yildirim M., Marangoz A. H., Ayyıldız M., ANKARALI S., Marangoz C.
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, vol.71, no.2, pp.208-219, 2011 (SCI-Expanded)
- LXXXVII. **Nitric oxide synthase inhibitors protect cerebellar Purkinje cells from zinc-induced cell loss in adult rat**
Gokce M. F., Kaplan S., Turkkani A., Kozan R., Ayyıldız M., Emirzeoğlu M., Aslan H., Marangoz C.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.41, no.1, pp.25-31, 2011 (SCI-Expanded)
- LXXXVIII. **Interaction of leptin and nitric oxide pathway on penicillin-induced epileptiform activity in rats**
Aslan A., Yildirim M., Ayyıldız M., Guven A., Ağar E.
BRAIN RESEARCH, vol.1321, pp.117-124, 2010 (SCI-Expanded)
- LXXXIX. **Endothelial nitric oxide synthase activity involves in the protective effect of ascorbic acid against penicillin-induced epileptiform activity**
Yildirim M., Ayyıldız M., Ağar E.
SEIZURE-EUROPEAN JOURNAL OF EPILEPSY, vol.19, no.2, pp.102-108, 2010 (SCI-Expanded)
- XC. **Short-duration swimming exercise decreases penicillin-induced epileptiform ECoG activity in rats**
TUTKUN E., Ayyıldız M., Ağar E.
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, vol.70, no.4, pp.382-389, 2010 (SCI-Expanded)
- XCI. **The role of nitric oxide in the inhibitory effect of ghrelin against penicillin-induced epileptiform activity in rat**
Aslan A., Yildirim M., Ayyıldız M., Guven A., Ağar E.
NEUROPEPTIDES, vol.43, no.4, pp.295-302, 2009 (SCI-Expanded)
- XCII. **The effects of intracerebroventricular AM-251, a CB1-receptor antagonist, and ACEA, a CB1-receptor agonist, on penicillin-induced epileptiform activity in rats**
Kozan R., Ayyıldız M., Ağar E.

EPILEPSIA, vol.50, no.7, pp.1760-1767, 2009 (SCI-Expanded)

- XCIII. The effect of alpha-tocopherol in the acute ethanol intake and its withdrawal on penicillin-induced epilepsy**
Kozan R., Ayyıldız M., Yildirim M., Ağar E.
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, vol.69, no.2, pp.177-188, 2009 (SCI-Expanded)
- XCIV. PLATELET GEL DOES NOT IMPROVE PERIPHERAL NERVE REGENERATION: AN ELECTROPHYSIOLOGICAL, STEREOLOGICAL, AND ELECTRON MICROSCOPIC STUDY**
PİŞKİN A., Kaplan S., Aktas A., Ayyıldız M., Raimondo S., Alic T., Bozkurt H. H., Geuna S.
MICROSURGERY, vol.29, no.2, pp.144-153, 2009 (SCI-Expanded)
- XCIV. Prenatal exposure to a non-steroidal anti-inflammatory drug or saline solution impairs sciatic nerve morphology: a stereological and histological study**
Canan S., Aktas A., TUNALI M. B., ÇOLAKOĞLU S., Ragbetli M. C., Ayyıldız M., Geuna S., Kaplan S.
INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, vol.26, no.7, pp.733-738, 2008 (SCI-Expanded)
- XCVI. Sexual dimorphism in the medial vestibular nucleus of adult rats: Stereological study**
Ayyıldız M., Kozan R., Ağar E., Kaplan S.
ANATOMICAL SCIENCE INTERNATIONAL, vol.83, no.3, pp.131-139, 2008 (SCI-Expanded)
- XCVII. The effect of autogenous vein grafts on nerve repair with size discrepancy in rats: An electrophysiological and stereological analysis**
Acar M., Karacalar A., Ayyıldız M., Unal B., Canan S., Ağar E., Kaplan S.
BRAIN RESEARCH, vol.1198, pp.171-181, 2008 (SCI-Expanded)
- XCVIII. The role of nitric oxide in the anticonvulsant effects of pyridoxine on penicillin-induced epileptiform activity in rats**
Bosnak M., Ayyıldız M., Yildirim M., Agar E.
EPILEPSY RESEARCH, vol.76, no.1, pp.49-59, 2007 (SCI-Expanded)
- XCIX. The effects of ascorbic acid on penicillin-induced epileptiform activity in rats**
Ayyıldız M., Coskun S., Yildirim M., Agar E.
EPILEPSIA, vol.48, no.7, pp.1388-1395, 2007 (SCI-Expanded)
- C. The influence of ethanol intake and its withdrawal on the anticonvulsant effect of α -tocopherol in the penicillin-induced epileptiform activity in rats**
Kozan R., Ayyıldız M., Yildirim M., Ağar E.
NeuroToxicology, vol.28, no.3, pp.463-470, 2007 (SCI-Expanded)
- CI. Short-term ethanol administration does not change the total pyramidal neuron number of the rat hippocampus: A stereologic study**
Kozan R., Ayyıldız M., Bas O., Kaplan S., Agar E.
ADVANCES IN THERAPY, vol.24, no.2, pp.231-238, 2007 (SCI-Expanded)
- CII. The involvement of nitric oxide in the anticonvulsant effects of alpha-tocopherol on penicillin-induced epileptiform activity in rats**
Ayyıldız M., Yildirim M., Agar E.
EPILEPSY RESEARCH, vol.73, no.2, pp.166-172, 2007 (SCI-Expanded)
- CIII. The effects of ethanol intake and withdrawal on penicillin-induced epileptiform activity in rats**
Kozan R., Ayyıldız M., Yildirim M., Agar E.
BRAIN RESEARCH BULLETIN, vol.71, no.1-3, pp.111-115, 2006 (SCI-Expanded)
- CIV. The effects of vitamin E on penicillin-induced epileptiform activity in rats**
Ayyıldız M., Yildirim M., Agar E.
EXPERIMENTAL BRAIN RESEARCH, vol.174, no.1, pp.109-113, 2006 (SCI-Expanded)
- CV. The effect of leptin on penicillin-induced epileptiform activity in rats**
Ayyıldız M., Yildirim M., Agar E., Baltacı A.
BRAIN RESEARCH BULLETIN, vol.68, no.5, pp.374-378, 2006 (SCI-Expanded)
- CVI. Enhancement of nerve regeneration and orientation across a gap with a nerve graft within a vein conduit graft: A functional, stereological, and electrophysiological study**
Keskin M., Akbas H., Uysal O., Canan S., Ayyıldız M., Agar E., Kaplan S.

- PLASTIC AND RECONSTRUCTIVE SURGERY, vol.113, no.5, pp.1372-1379, 2004 (SCI-Expanded)
- CVII. **The effects of ethanol consumption on the lipid peroxidation and glutathione levels in the right and left brains of rats**
Agar E., Demir E., Amanvermez R., Bosnak M., Ayyıldız M., Celik C.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.113, no.12, pp.1643-1652, 2003 (SCI-Expanded)
- CVIII. **A NOS inhibitor aminoguanidine reduces zinc-induced neuron loss in rat hippocampus**
Gokce F., Bagirci F., Kaplan S., Demir S., Ayyıldız M., Marangoz C.
NEUROSCIENCE RESEARCH COMMUNICATIONS, vol.33, no.1, pp.53-62, 2003 (SCI-Expanded)
- CIX. **The effect of ethanol on the number of cells in the cochlear nucleus of the male adult rat: A stereological study**
Ağar E., Boşnak M., Korkmaz A., Demr Ş., Ayyıldız M.
Neuroscience Research Communications, vol.28, no.3, pp.189-200, 2001 (SCI-Expanded)
- CX. **The changes in lipid peroxidation and GSH levels in the cerebellum of rats induced by ethanol consumption are prevented by vitamin E**
Ağar E., Demir Ş., AMANVERMEZ R., Boşnak M., Ayyıldız M., Çelik C.
Neuroscience Research Communications, vol.27, no.3, pp.191-197, 2000 (SCI-Expanded)
- CXI. **The effects of albendazole solution at scolocidal concentration in the rat brain**
Şenel A., Çokluk C., Yıldız L., Ağar E., Ayyıldız M., ÖNDER A.
Acta Neurochirurgica, vol.142, no.8, pp.929-933, 2000 (SCI-Expanded)
- CXII. **The effect of ethanol on lipid peroxidation and glutathione level in the brain stem of rat**
Ağar E., Bosnak M., AMANVERMEZ R., Demir S., Ayyıldız M., Celik C.
NeuroReport, vol.10, no.8, pp.1799-1801, 1999 (SCI-Expanded)
- CXIII. **Do cochlear nuclei contribute to auditory lateralization? A stereological evaluation of neuron numbers**
Ağar E., Demir S., Korkmaz A., Ayyıldız M., Bosnak M., Marangoz C.
Annals of Otology, Rhinology and Laryngology, vol.108, no.7 I, pp.661-665, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Limited Exposure to Social Isolation does not Affect the Spike Frequency and Amplitude of Penicillin-induced Epileptiform Activity in Adolescent Rats**
Müsüroğlu Keloğlan S., Ayçık F. B., Şahin L., Ayçık F., Ayyıldız M., Agar E.
ARCHIVES OF EPILEPSY, vol.30, no.1, pp.18-21, 2024 (ESCI)
- II. **TRIAGE IN THE WORLD AND IN TURKEY AND THE TRIAGE KNOWLEDGE LEVELS OF EMERGENCY WARD NURSES**
ASLANOĞLU A., AYYILDIZ M.
Sağlık Bilimleri Dergisi, vol.32, no.2, pp.316-322, 2023 (Peer-Reviewed Journal)
- III. **Acil Servise Başvuran Travmalı Çocukların Demografik Özellikleri ile Acil Hemşirelik Girişimlerinin Tanımlanması**
AYDEMİR A., AYYILDIZ M.
Sakarya University, vol.5, no.3, pp.234-250, 2022 (Peer-Reviewed Journal)
- IV. **Triage knowledge levels of nurses in Turkey: A study in state hospitals in Samsun**
ASLANOĞLU A., AYYILDIZ M.
New Trends and Issues Proceedings on Advances in Pure and Applied Sciences, vol.13, no.1, pp.150-161, 2021 (Peer-Reviewed Journal)
- V. **Triage applications in Turkey during the COVID-19 pandemic**
ASLANOĞLU A., AYYILDIZ M.
New Trends and Issues Proceedings on Advances in Pure and Applied Sciences., vol.13, no.1, pp.162-172, 2021 (Peer-Reviewed Journal)
- VI. **The role of T-type calcium ion channel in the effect of P2X7 receptors on the absence-like epileptic**

activityin WAG/Rij rats

ŞEN E., AYGÜN H., ARSLAN G., AVCI B., AYYILDIZ M., AĞAR E.

Anatomy, vol.13, no.Suppl 1, pp.30, 2019 (Peer-Reviewed Journal)

- VII. **Interaction between caffeine and cannabinoid CB1receptors in penicillin induced epileptiform activity**
TİRYAKİ E. S., ARSLAN G., AYYILDIZ M., AĞAR E.
Anatomy, vol.13, no.Suppl 1, pp.30, 2019 (Peer-Reviewed Journal)
- VIII. **The role of NMDA receptor in the experimental epilepsy models**
AYYILDIZ M.
Anatomy, vol.13, no.Suppl 1, pp.5, 2019 (Peer-Reviewed Journal)
- IX. **Pregnancy and epilepsy Gebelik ve epilepsi**
Erişgin Z., Ayyıldız M.
Duzce Medical Journal, vol.18, no.1, pp.35-41, 2016 (Scopus)
- X. **The morphological properties of the corticospinal (pyramidal) tract in various mammalian species Cesitli memeli turlerinde kortikospinal (piramidal) yolun morfolojik ozellikleri**
Ayyıldız M., Ağar E., Marangoz C.
Ondokuz Mayıs Universitesi Tip Dergisi, vol.15, no.2, pp.161-173, 1998 (Scopus)
- XI. **Effect of nicardipine on cell death caused by zinc in the rat hippocampus Sican hipokampusunda cinkonun sebep oldugu hucre olumune nikardipinin etkisi**
Demir S., Ayyıldız M., Genç O., Marangoz C.
Ondokuz Mayıs Universitesi Tip Dergisi, vol.15, no.1, pp.44-48, 1998 (Scopus)
- XII. **Physiological-morphological properties of the anteroventral cochlear nucleus**
Ağar E., Ayyıldız M.
Ondokuz Mayıs Universitesi Tip Dergisi, vol.14, no.3, pp.222-230, 1997 (Scopus)
- XIII. **The neurotoxicity of zinc sulfate in the rat hippocampus and cell death reduction by verapamil SİCAN HIPOKAMPUSUNDA CINKONUN SEBEP OLDUGU HUCRE OLUMUNE VERAPAMILİN ETKİSİ**
Demir S., Genç O., Bagirici F., Ayyıldız M., Korkmaz A., Tasci N., Marangoz C.
Ondokuz Mayıs Universitesi Tip Dergisi, vol.13, no.1, pp.19-25, 1996 (Scopus)
- XIV. **Electrophysiological properties of neurones in the right parietal ganglia of Helix aspersa HELIX ASPERSA SAG PARIYETAL GANGLİYON NORONLARININ ELEKTROFIZYOLOJİK OZELLİKLERİ**
Ağar E., Bosnak M., Ayyıldız M., Demir S., Bagirici F., Marangoz C.
Ondokuz Mayıs Universitesi Tip Dergisi, vol.13, no.2, pp.103-110, 1996 (Scopus)
- XV. **Evidence that sodium nitroprusside possesses anticonvulsant effects mediated through nitric oxide**
Marangoz C., Ayyıldız M., Ağar E.
NeuroReport, vol.5, no.18, pp.2454-2456, 1994 (Scopus)
- XVI. **The effects of the purinergic system on digitalis-induced epileptiform activity**
Kesim Y., Marangoz C., Ayyıldız M., Tasci N., Agar E., Sahinoglu H.
Journal of Basic and Clinical Physiology and Pharmacology, vol.5, no.2, pp.167-178, 1994 (Scopus)
- XVII. **Phenobarbital protects neurones against toxicity induced by intracortical zinc**
Marangoz C., Ayyıldız M., Tasci N.
Doga - Turkish Journal of Medical Sciences, vol.15, no.3, pp.378-383, 1991 (Scopus)
- XVIII. **Erkek ve dişi sıçanlarda dorsal hipokampusun piramidal hücre tabakasında nöronal asimetri Neuronal asymmetry of pyramidal cell in the dorsal hippocampus of male and female rats**
Çiftçi N., AĞAR E., KAPLAN S., AYYILDIZ M., MARANGOZ C.
9th Convention of Istanbul Faculty of Medicine, Communications, 1987 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Araştırmalarda en sık kullanılan deneysel epilepsi modelleri**
ARSLAN G., AYYILDIZ M., AĞAR E.

in: Nöroşirürjide Klinik Dışı Araştırma Yöntemleri, Fusun Demirçivi Özer, Editor, Türkiye Klinikleri, Ankara, pp.127-134, 2023

II. Motor İşlevin korteks ve Beyin Sapı Tarafından Kontrolü

AYYILDIZ M.

in: Guyton ve Hall Tıbbi Fizyoloji, Yeğen Berrak Çağlayan, Editor, Güneş Tıp Kitabevleri, İstanbul, pp.697-709, 2021

III. Mesane İşlevi

AYYILDIZ M.

in: İnsan Fizyolojisi, Ağar Erdal, Editor, İstanbul Tıp Kitabevleri, İstanbul, pp.408-424, 2021

IV. Tıbbi Fizyoloji Klinik Tıbbın Temelleri

AĞAR E., AYYILDIZ M., YILDIRIM M.

İstanbul Tıp Kitabevleri, İstanbul, 2017

V. Otonom Sinir Sistemi

AYYILDIZ M.

in: Tıbbi Fizyoloji Klinik Tıbbın Temelleri, Erdal Ağar, Mustafa Ayyıldız, Mehmet Yıldırım, Editor, İstanbul Tıp Kitabevleri, İstanbul, pp.108-118, 2017

VI. Bölüm 1:Tıbbi Fizyolojide Enerji Üretimi ve Genel İlkeler

AĞAR E., AYYILDIZ M.

in: Ganong un Tıbbi Fizyolojisi, Hakkı Gökbel, Editor, Nobel Tıp Kitapevleri Tic.Ltd.Şti, İstanbul, pp.3-33, 2015

VII. Tıbbi Fizyolojide Enerji Üretimi ve Genel İlkeler

AĞAR E., AYYILDIZ M.

in: Ganong un Tıbbi Fizyolojisi, Hakkı Gökbel, Editor, Nobel Tıp Kitabevleri, pp.3-33, 2015

VIII. Antiepileptic effect of melatonin

SEYİTHANOĞLU M. H., TURGUT M., GÜNDAĞ PAPAĞER M., AYYILDIZ M., KAPLAN S., TÜZGEN S., DOLGUNSÖZ E.

in: Melatonin Therapeutic Value and Neuroprotection, Venkatramanujan Srinivasan, Gabriella Gobbi, Samuel D. Shillcutt, and Sibel Suzen, Editor, CRC Press Press, Taylor & Francis Group, Boca Raton, pp.421-429, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Penisilinle Oluşturulan Epileptiform Aktiviteye Milrinonun Etkisi

OKUYUCU B., TÜRKDÖNMEZ AK E., AYYILDIZ M., AĞAR E., ARSLAN G.

48. Ulusal Fizyoloji Kongresi, 1 - 04 November 2023, vol.1, pp.1-730

II. Deney Hayvanları Sertifika Programları Eğitimi: Ondokuz Mayıs Üniversitesi Örneği

AKSOY A., AYYILDIZ M.

5. Ulusal Laboratuvar Hayvanları Bilimi Kongresi, İstanbul, Turkey, 14 - 16 September 2023

III. Absans Epilepsili Wag/Rij Sıçanlarda Rivastigminin Diken Dalga Deşarjlarına Etkisi ve T-Tipi Kalsiyum Kanallarıyla İlişkisi

TÜRKDÖNMEZ AK E., OKUYUCU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.

47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, vol.237, pp.34-61

IV. Pentilentetrazol ile sıçanlarda oluşturulan deneysel epilepsiye Rivastigminin Etkisi

TÜRKDÖNMEZ AK E., OKUYUCU B., HATİPOĞLU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.

47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, vol.727, pp.65

V. Absans Epilepsili Wag/Rij Sıçanlarda Magnezyumun Diken Dalga Deşarjlarına Etkisi

HATİPOĞLU B., TÜRKDÖNMEZ AK E., OKUYUCU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.

47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, pp.67

VI. Absans Epilepsili Wag/Rij Sıçanlarda Levatraseta ve Valproik Asidin Etkileri

TÜRKDÖNMEZ AK E., OKUYUCU B., HATİPOĞLU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.

47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, vol.237, pp.67

VII. Genetik Absans Epilepsili WAG/Rij Sıçanlarda Görülen Diken Dalga Deşarjlarına Metformin'in Etkisi

Alver B., TÜRKDÖNMEZ AK E., TİRYAKİ E. S., AYYILDIZ M., ARSLAN G.

46. Ulusal Fizyoloji Kongresi, Turkey, 01 November 2021, vol.1, pp.11-61

- VIII. **Pentilentetrazol ile sıçanlarda oluşturulan deneysel epilepsiye ilacı Tofacitinib'in etkisi**
ASAN E., TÜRKDÖNMEZ AK E., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.
5. Uluslararası Sağlık bilimleri ve inovasyon kongresi, Antalya, Turkey, 01 November 2021
- IX. **5-HT7 Serotonin Reseptörünün Penisilinle Oluşturulan Epileptiform Aktivite Üzerine Etkisinde T-tipi Kalsiyum Kanallarının Rolü**
KOCACAN S. E., ARSLAN G., RZAYEV E., AĞAR E., AYYILDIZ M.
46. Ulusal Fizyoloji Kongresi, Turkey, 8 - 10 October 2021, pp.16
- X. **5-HT7 Serotonin Reseptörünün Penisilinle Oluşturulan Epileptiform Aktivitedeki Rolü**
KOCACAN S. E., ARSLAN G., RZAYEV E., AĞAR E., AYYILDIZ M.
46. Ulusal Fizyoloji Kongresi, Turkey, 8 - 10 October 2021, pp.14
- XI. **The Role of Neuronal Nitric Oxide Synthase Inhibition on the Effect of Resveratrol on Penicillin-Induced Epileptiform Activity**
Mohamud M. H., KOCACAN S. E., AYYILDIZ M., AĞAR E.
45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.73
- XII. **The Role of 5-Hydroxytryptophan and 7-Nitroindazole on Absence Epilepsy**
Tosun S., KOCACAN S. E., AYYILDIZ M., AĞAR E.
45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.45
- XIII. **Effect of Nesfatin-1 on Oxidative Stress Parameters in Experimental Epilepsy Model**
MÜSÜROĞLU S., YAZGAN B., ŞEN F. B., KOCACAN S. E., AYYILDIZ M., AĞAR E.
45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.101
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45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.74
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45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.104
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45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.45
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45. Ulusal Fizyoloji Kongresi, 31 October - 03 November 2019, vol.227, pp.74
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45. Ulusal Fizyoloji Kongresi, Turkey, 31 October - 03 November 2019, vol.227, pp.23
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17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 April 2019, vol.1
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17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 April 2019, vol.1, pp.2-3
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17th Turkish Neuroscience Congress, Turkey, 4 - 07 April 2019, pp.30
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17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 April 2019, vol.1
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44. Ulusal Fizyoloji Kongresi, 1 - 04 November 2018, vol.225, pp.59
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44. Ulusal Fizyoloji Kongresi, 1 - 04 November 2018, vol.225, pp.57
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44. Ulusal Fizyoloji Kongresi, 1 - 04 November 2018, vol.225, pp.20
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44. Ulusal Fizyoloji Kongresi, 1 - 04 November 2018, vol.225, pp.58
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44. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2018, vol.1, pp.89
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44. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2018, vol.1, pp.34
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11th FENS Forum of Neuroscience, Berlin, Germany, 7 - 11 July 2018, vol.1
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11th FENS Forum of Neuroscience, Berlin, Germany, 7 - 11 July 2018, vol.1
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- XXXII. **The effect of grape seed extract on some spermatological parameters in Albino Wistar Rats with swimming exercise**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
VII. National I. International Congress of Turkish Society of Veterinary Gynaecology, Muğla, Turkey, 15 - 18 October 2017, pp.170-171
- XXXIII. **The effect of grape seed extract on some spermatological parameters in Albino Wistar rats with swimming exercise**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
Türk Veteriner Jinekoloji Derneği I. Uluslararası Kongresi, 12 - 15 October 2017
- XXXIV. **THE EFFECT OF GRAPE SEED EXTRACT ON SOME SPERMATOLOGICAL PARAMETERS IN ALBINO WISTAR RATS WITH SWIMMING EXERCISE**
SELÇUK M., TUTKUN E., KABAK Y. B., AKAL E., SOSLU R., KAYA M., AYYILDIZ M., AĞAR E.
VI. NATIONAL I. INTERNATIONAL CONGRESS OF TURKISH SOCIETY OF VETERINARY GYNAECOLOGY, 12 - 15 October 2017
- XXXV. **The Role of NMDA Receptor Blocker Memantine in the Effect of P2X7 Receptors on Penicillin-induced Epileptiform Activity**
ARSLAN G., KOCACAN S. E., AYYILDIZ M., RZAYEV E., AVCI B., AĞAR E.
43. Ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.221, pp.106

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ARSLAN G., KOCACAN S. E., AYYILDIZ M., Rzayev E., AVCI B., AĞAR E.
43. Ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.221, pp.33
- XXXVII. **The role of P2X7 receptors in penicillin-induced epileptiform activity**
ARSLAN G., KOCACAN S. E., AYYILDIZ M., Rzayev E., AVCI B., AĞAR E.
FEPS 2017 Vienna Congress, Viyana, Austria, 13 - 15 September 2017, vol.221, pp.150
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AYGÜN H., KABAK Y. B., AYYILDIZ M., Al Khaleel A. Z. K., Kamil L. A. K., Beyazkılınc İnal S., AĞAR E.
FEPS-2017, Viyana, Austria, 13 - 15 September 2017, vol.221, pp.10
- XXXIX. **The role of hemopressin on penicillin-induced epileptiform activity in rats**
AYGÜN H., ARSLAN G., Şen E., AYYILDIZ M., AĞAR E.
43rd Turkish Physiological Society Congress, Denizli, Turkey, 7 - 10 September 2017, vol.221, pp.43
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Tosun S., Şen E., ARSLAN G., AYYILDIZ M., AĞAR E.
43 Turkish Physiological Society Congress, Denizli, Turkey, 7 - 10 September 2017, vol.221, pp.37
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ARSLAN G., KOCACAN S. E., AYYILDIZ M., Rzayev E., AVCI B., AĞAR E.
FEPS 2017, Viyana, Austria, 13 - 15 September 2017, vol.221, pp.9-10
- XLII. **The effect of hemopressin on ECoG activity of absence epilepsy model in WAG/Rij rats.**
AYGÜN H., KABAK Y. B., AYYILDIZ M., ZAHER A., KAMİL L., BEYAZKILINÇ S., HİM A., AĞAR E.
FEBS, 13 - 15 September 2017
- XLIII. **The role of P2X7 receptors in penicillin-induced epileptiform activity**
ARSLAN G., KOCACAN S. E., AYYILDIZ M., RZAYEV E., AVCI B., AĞAR E.
FEPS 2017, 13 - 15 September 2017
- XLIV. **Exercise and L-tyrosine Supplementation on Penicillin-induced Epileptiform Activity in Rats**
KAYACAN Y., KISA E. C., Ghojebeigloo B. E., KOCACAN S. E., AYYILDIZ M.
Turkish Society of Physiological Sciences 43rd National Physiology Congress, Turkey, 7 - 10 September 2017, pp.99
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43. Ulusal Fizyoloji Kongresi, Turkey, 7 - 10 September 2017
- XLVI. **WAG / Rij sıçanlarda görülen epileptik aktivite üzerine leptinin etkisi**
TOSUN S., ŞEN E., ARSLAN G., AYYILDIZ M., AĞAR E.
43. Ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.1, pp.37
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43. Ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.1, pp.43
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43. ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.1, pp.106
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43. Ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.1, pp.26
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43. Ulusal Fizyoloji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.1, pp.33

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ŞEN E., AYGÜN H., ARSLAN G., AVCI B., AYYILDIZ M., AĞAR E.
43. Ulusal Fizyoloji Kongresi, Turkey, 7 - 10 September 2017
- LII. **The effect of memantine on epileptic activity inWAG/Rij rats**
ŞEN E., AYGÜN H., ARSLAN G., AVCI B., AYYILDIZ M., AĞAR E.
15th Turkish Neuroscience Congress, 7 - 10 May 2017, vol.7, pp.49-50
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THE INTERNATIONAL BALKAN CONFERENCE IN SPORT SCIENCES, 21 - 23 May 2017, vol.612, pp.311
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THE INTERNATIONAL BALKAN CONFERENCE IN SPORT SCIENCES, 21 - 23 May 2017, vol.254, pp.200
- LV. **The effect of memantine on epileptic activity in WAG/Rij rats**
Şen E., AYGÜN H., ARSLAN G., AVCI B., AYYILDIZ M., AĞAR E.
15th Turkish Neuroscience Congress, Sakarya, Turkey, 7 - 10 May 2017, vol.11, pp.49-50
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AYGÜN H., KABAK Y. B., AYYILDIZ M., Al Khaleel A. Z. K., Kamil L. A. K., Beyazkılınc İnal S., HİM A., AĞAR E.
15th Turkish Neuroscience Congress, Sakarya, Turkey, 7 - 10 May 2017, vol.11, pp.54-55
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Innovation in Medicine Summit, Gaziantep, Turkey, 11 - 13 May 2017, pp.94
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Innovation in Medicine Summit, Gaziantep, Turkey, 11 - 13 May 2017, pp.105
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15. Ulusal Sinirbilim Kongresi, Sakarya, Turkey, 7 - 10 May 2017, pp.101
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15. Ulusal Sinirbilim Kongresi, Turkey, 7 - 10 May 2017, pp.94
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SOSLU R., EKİNCİ AKDEMİR F. N., ARSLAN G., AYYILDIZ M., AĞAR E.
ICANAS, Antalya, Turkey, 18 - 21 April 2017, pp.395
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SOSLU R., EKİNCİ AKDEMİR F. N., ARSLAN G., AYYILDIZ M., AĞAR E.
2nd International Conference On Advances in Natural and Applied Sciences, Ağrı, Turkey, 18 - 21 April 2017, vol.1
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TİRYAKI S. E., ARSLAN G., AYYILDIZ M., AĞAR E.
İstanbul Üniversitesi İstanbul Tıp Fakültesi Öğrenci Bilim Günleri, İstanbul, Turkey, 4 - 05 March 2017, vol.1, pp.30-31
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14th International Sport Sciences Congress, 1 - 04 November 2016
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14th International Sport Sciences Congress, 1 - 04 November 2016

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AYYILDIZ M., BALTACI A. K., MOĞULKOÇ R., AĞAR E., ARSLAN G., TUTKUN E., PATLAR S.
14th International Sport Sciences Congress. Antalya, Turkey, 1 - 04 November 2016
- LXVII. **Lipid Peroxidation in Brain Tissues of Rats with Epileptic and Subjected to Chronic Swimming Exercise and Vitamic C Supplemented**
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14th International Sport Sciences Congress., Antalya, Turkey, 1 - 04 November 2016
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43. Ulusal Fiziyojji Kongresi, Denizli, Turkey, 7 - 10 September 2017, vol.1, pp.74
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ARSLAN G., KOCACAN S. E., AYYILDIZ M., RZAYEV E., AVCI B., AĞAR E.
42. Ulusal Fiziyojji Kongresi, Düzce, Turkey, 5 - 08 September 2016
- LXXI. **The Effects of Very Low Frequency Electromagnetic Fields onMorphine Analgesia and Tolerance in Rats**
ALICI S. K., ARSLAN G., AYYILDIZ M., AĞAR E.
42. Ulusal Fiziyojji Kongresi, Düzce, Turkey, 5 - 08 September 2016, vol.1, pp.77
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ARSLAN G., KOCACAN S. E., AYYILDIZ M., RZAYEV E., AVCI B., AĞAR E.
42. Ulusal Fiziyojji Kongresi, Düzce, Turkey, 5 - 08 September 2016, vol.1, pp.77
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42. Ulusal Fiziyojji Kongresi, Düzce, Turkey, 5 - 08 September 2016, vol.1, pp.8
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42. Ulusal Fiziyojji Kongresi, Düzce, Turkey, 5 - 08 September 2016, vol.1, pp.8
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AYYILDIZ M.
III. International Traditional Turkish Wrestling Symposium and Games/ III. Uluslararası Geleneksel Türk Güreşleri Sempozyumu ve Oyunları, Kahramanmaraş, Turkey, 6 - 08 May 2016
- LXXVI. **Impact factor and h index**
AYYILDIZ M.
2nd Neuroscience Stereology and Scientific Writing, Arusha, Tanzania, 15 - 18 March 2016
- LXXVII. **CB1 Kanabinoid Reseptör Antagonisti AM-251' in WAG/Rij Sıçanlarda Görülen Diken Dalga Deşarjlarına Etkisi**
AYGÜN H., ARSLAN G., AYYILDIZ M., AĞAR E.
41. Ulusal fiziyojji Kongresi, Turkey, 9 - 13 September 2015, vol.1, pp.106-107
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ALICI S. K., ARSLAN G., AYYILDIZ M., AĞAR E.
Türk Fiziyojji Bilimler Derneği 41. Ulusal Fiziyojji Kongresi 9 - 13 Eylül 2015, Çanakkale, Çanakkale, Turkey, 9 - 13 September 2015

- LXXIX. **Memantin ve NNC 55-0396 etkileşiminin penisilin ile oluşturulan epileptiform aktiviteye etkisi**
ALICI S. K., ARSLAN G., AYYILDIZ M., AĞAR E.
13. ULUSAL SİNİRBİLİM KONGRESİ, Konya, Turkey, 30 April - 03 May 2015, vol.1
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ARSLAN G., AVCI B., AYYILDIZ M., AĞAR E.
40.Ulusal Fizyoloji Kongresi, Turkey, 2 - 06 September 2014
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ALICI S. K., ARSLAN G., AYYILDIZ M., AĞAR E.
39. Ulusal Fizyoloji Kongresi, Ankara, Turkey, 10 - 14 September 2013, vol.1, pp.170
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ARSLAN G., ALICI S. K., AYYILDIZ M., AĞAR E.
38. Ulusal Fizyoloji Kongresi, Trabzon, Turkey, 25 - 29 September 2012, vol.1, pp.86
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ARSLAN G., ALICI S. K., AYYILDIZ M., AĞAR E.
38. Ulusal Fizyoloji Kongresi, Trabzon, Turkey, 25 - 29 September 2012, vol.1, pp.224
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ARSLAN G., UÇAR D., SOSLU R., TUTKUN E., KAYACAN Y., AYYILDIZ M., AĞAR E.
38. Ulusal Fizyoloji Kongresi, Trabzon, Turkey, 25 - 29 September 2012, vol.1, pp.225
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KAPLAN S., CEYLAN G., AĞAR E., AYYILDIZ M., YILMAZ N., ARMAĞANCI A., ARSLAN G., ÖZDEMİR O. S., UZ N., ALTUNKAYNAK B. Z.
35th Annual Congress European Prosthodontic Association, Bern, Switzerland, 29 September - 01 October 2011, vol.1

Supported Projects

Ayyıldız M., Project Supported by Higher Education Institutions, Genetik Absans Epilepsili Wag/ Rij Sıçanlarda Rivastigminin Diken Dalga Deşarjlarına Etkisi, 2023 - 2023

Ayyıldız M., Project Supported by Higher Education Institutions, Minosiklinin penisilin ile oluşturulan epileptiform aktivite üzerine etkisi, 2020 - 2021

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Ayyıldız M., Project Supported by Higher Education Institutions, Ghrelin uygulamasının besin alımı ve obezite üzerine olan etkisinin araştırılması, 2014 - 2014