

Abstract Title	Authors	Affiliations
1 Mitochondrial myopathy due to thymidine kinase 2 deficiency: clinical spectrum and therapeutic implications from a case series	<u>Hatice Bektaş Öntaş</u> ¹ , Javid Sardarzada ² , Gülçin Akıncı ³ , Haluk Topaloğlu ⁴	1 Bilkent City Hospital, Department of Pediatrics, Division of Pediatric Neurology, Ankara, Turkey 2 Pediatric Neurology, Leyla Medical Center, Baku, Azerbaijan 3 University of Health Sciences, Turkey, Izmir Faculty of Medicine, Dr. Behçet Uz Children's Hospital, Department of Pediatrics, Division of Pediatric Neurology, Izmir, Turkey 4 Yeditepe University Faculty of Medicine, Department of Pediatrics, Division of Pediatric Neurology, Istanbul, Turkey
2 Bridging Reproducibility and Accessibility in EEG-Based Brain–Computer Interface Research: A Systematic Mapping Study	<u>Ayşenur Elif Abanoz</u> ¹ , Dr. Sevgi Koyuncu Tunç ¹ , Dr. Ece Çağlayan ² , Ahmet Burak Albayrak ¹ , Ayberk Özel ¹ , İbrahim Sefa Sağlam ¹ , İlke Durmaz ¹ , Lütfiye Dila Çalık ¹ , Murat Tut ¹ , Utku Eyerici ¹ , Şemsettin Ekin Işık ¹ ,	1 Çankaya University, Software Engineering Dept. 2 Middle East Technical University, Graduate School Of Informatics
3 Immunohistochemical and ultrastructural evaluation of median eminence tanycytes in high-fat diet and high-fructose water-induced metabolic syndrome models	<u>Ahmet Cabir</u> , Feyzullah Beyaz	Erciyes University, Institute of Health Sciences, Department of Veterinary Histology and Embryology
4 Computational framework for sensory cue reconstruction using multiple Leaky Integrate-and-Fire neurons	<u>Erdem Göral</u> ¹ , İsmail Uyanık ¹ ,	1 Hacettepe University, Department of Electrical and Electronics Engineering
5 Investigating multisensory integration in <i>Eigenmannia virescens</i> by manipulating sensory salience	<u>E. Ceren Rutbil</u> ¹ , Gürkan Çelik ¹ , Osman Karagöz ² , İsmail Uyanık ¹	1 Electrical and Electronics Engineering, Hacettepe University, Ankara, Turkey 2 Electrical and Electronics Engineering, Middle East Technical University, Ankara, Turkey;
6 Investigation of The Effects of Safranal on Neuroprotective and Circadian Rhythm in an In Vitro Parkinson's Model	<u>Ayşe Aksoy</u> [*] , Duygu Deniz Usta ¹ ; Atiye Seda Yar Sağlam ¹	1 Department of Medical Biology and Genetics, Faculty of Medicine, Gazi University, Ankara, Türkiye
7 Mechanistic Evaluation of Hypoxia-Induced Cellular Aging by miR-34a Using In Silico Analysis	<u>Ümmü Gülşen Bozok</u>	Ankara Medipol University, Faculty of Medicine, Department of Physiology, Ankara, Türkiye
8 Evaluation of morphometric changes in the brain with cranial MR segmentation analysis after COVID infection	<u>Rıza Aktepe</u> ¹ , Fatma Beyazal Çeliker ²	1 Faculty of Medicine, Department of Anatomy, Recep Tayyip Erdogan University, Rize, Türkiye. 2 Faculty of Medicine, Department of Radiology, Recep Tayyip Erdogan University, Rize, Türkiye.
9 The possible effects of baclofen on mitochondrial function	<u>Sukru Anil Dogan</u> ^{1,3} Zeynep Melis Kaygun ¹ , Deniz Tutuncu ¹ , Esra Serdaroglu ² ,	1 Department of Molecular Biology and Genetics, Bogazici University, Istanbul, Türkiye 2 Department of Pediatric Neurology, Faculty of Medicine, Gazi University, Ankara, Türkiye 3 Department of Molecular Biology, Beykoz Institute of Life Sciences and Biotechnology, Bezmialem Vakif University, Istanbul, Türkiye