

## 2024 PubMed Articles

- Fateme Binayi, Behnam Saeidi, Fatemeh Farahani, Mina Sadat Izadi, Farzaneh Eskandari, Fariba Azarkish, Mohammad Sahraei, Rasoul Ghasemi, Fariba Khodagholi, Homeira Zardooz

Sustained feeding of a diet high in fat resulted in a decline in the liver's insulin-degrading enzyme levels in association with the induction of oxidative and endoplasmic reticulum stress in adult male rats: evaluation of 4-phenylbutyric acid. [HELIYON. 2024.](#)

- Zeinab Parvin., Ali Jaafari suha., Mohammad Reza Afarinesh., Narges Hosseinmardi., Mahyar Janahmadi., Gila Behzadi.

Social hierarchy differentially influences the anxiety-like behaviors and dendritic spine density in prefrontal cortex and limbic areas in male rats. [Behav Brain Res. 2024;115043.](#)

- Fatemeh Rostami, Ali Jaafari suha, Mahyar Janahmadi, Narges Hosseinmardi.

Aquaporin-4 inhibition attenuates Pentylenetetrazole-induced behavioral seizures and cognitive impairments in kindled rats. [Physiology & Behavior, 2024; 114521.](#)

- Zahra Hosseindokht, Shima Davoudi, Mona Rahdar, Mahyar Janahmadi, Mohammadreza Kolahehdouz, Pezhman Sasanpour.

Photoacoustic viscoelasticity assessment of prefrontal cortex and cerebellum in normal and prenatal valproic acid-exposed rats. [Photoacoustics, 2024; 100590.](#)

- Mohaddeseh Vafaiee, Farzaneh Aghakhani Mahyari, Asadollah Kalantarian, Mahyar Janahmadi, Raheleh Mohammadpour, Azam Iraji zad, Pezhman Sasanpour.

Gold Nanosheet modified Electrode with Reduced Impedance for Electrophysiological Recordings. [Biosensors and Bioelectronics: X, 2024, 100485.](#)

- Mansouri, Z., Khodagholi, F., Zaringhalam, J., Abbaszadeh, F., Ghasemi, R., Maghsoudi, N.

Intranasal CEPO-FC prevents attention deficits in streptozotocin-induced rat model of Alzheimer's disease: Focus on synaptic plasticity-related factors. [EXCLI J. 2024; 23, 491–508.](#)

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Mitochondrial Transportation, Transplantation, and Subsequent Immune Response in Alzheimer's Disease: An Update. [Mol. Neurobiol. 2024; 1–17.](#)

□ Manzour H, Eidi A, Sotoodehnejadnematlahi F, Zardooz H.

Embryonic and Neonatal Exposure to High-Fat Diet Disrupted Pancreatic Oxidative and Endoplasmic Reticulum Homeostasis Alongside Islet Insulin Output in Pubertal Rats. [J Evol Biochem Physiol 2024; 60:197–210.](#)