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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hexokinase 1 forms rings that regulate mitochondrial fission during energy stress**
Pilic J., Gottschalk B., Bourgeois B., Habisch H., Koshenov Z., Oflaz F. E., Erdogan Y. C., Miri S. M., YİĞİT E. N., AYDIN M., et al.
Molecular Cell, vol.84, no.14, pp.2732, 2024 (SCI-Expanded)
- II. **Genetically Encoded Biosensors Unveil Neuronal Injury Dynamics via Multichromatic ATP and Calcium Imaging**
Ghaffari Zaki A., YİĞİT E. N., AYDIN M., VATANDAŞLAR E., ÖZTÜRK G., EROĞLU E.
ACS Sensors, vol.9, no.3, pp.1261-1271, 2024 (SCI-Expanded)
- III. **Development of a Dual Reporter System to Simultaneously Visualize Ca²⁺ Signals and AMPK Activity**
Erdoğan Y. C., Pilic J., Gottschalk B., YİĞİT E. N., Zaki A. G., ÖZTÜRK G., EROĞLU E., Okutan B., Sommer N. G., Weinberg A. M., et al.
ACS Sensors, 2024 (SCI-Expanded)
- IV. **Comparison of the efficiencies of intrathecal and intraganglionic injections in mouse dorsal root ganglion**
Aydin M. Ş., Yiğit E. N.
Turkish Journal of Medical Sciences, vol.53, no.5, pp.1358-1366, 2023 (SCI-Expanded)
- V. **Active shrinkage protects neurons following axonal transection.**
Aydin M. Ş., Bay S., Yiğit E. N., Özgül C., Kaval Oğuz E., Konuk E. Y., Aysit N., Cengiz N., Erdoğan E., Him A., et al.
iScience, vol.26, no.10, pp.107715, 2023 (SCI-Expanded)
- VI. **Development of a Chemogenetic Approach to Manipulate Intracellular pH**
Ghaffari Zaki A., Miri S. M., Çimen Ş., Akgül Çağlar T., YİĞİT E. N., AYDIN M. Ş., ÖZTÜRK G., Eroglu E.
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol.145, no.22, pp.11899-11902, 2023 (SCI-Expanded)
- VII. **A transcriptome based approach to predict candidate drug targets and drugs for Parkinson's disease using an in vitro 6-OHDA model.**
Yiğit E. N., Sönmez E., Yüksel İ., Aksan Kurnaz I., Çakır T.
Molecular omics, vol.19, no.3, pp.218-228, 2023 (SCI-Expanded)
- VIII. **A co-culture-based multiparametric imaging technique to dissect local h2 o2 signals with targeted hyper7**
Secilmis M., Altun H. Y., Pilic J., Erdogan Y. C., Cokluk Z., Ata B. N., Sevimli G., Zaki A. G., Yigit E. N., ÖZTÜRK G., et al.
Biosensors, vol.11, no.9, 2021 (SCI-Expanded)
- IX. **Adult mouse dorsal root ganglia neurons form aberrant glutamatergic connections in dissociated cultures**
Bayat F. K., Budak B. P., Yigit E. N., ÖZTÜRK G., Gülcür H. O., Güvenis A.
PLoS ONE, vol.16, no.3 March, 2021 (SCI-Expanded)

- X. **Expression of Pea3 protein subfamily members in hippocampus and potential regulation following neuronal stimulation**
Kandemir B., Davis S., Yiğit E. N., ÖZTÜRK G., Yılmaz B., Laroche S., Kurnaz I. A.
Neuroscience Letters, vol.738, 2020 (SCI-Expanded)
- XI. **The protective effect of platelet-rich plasma administrated on ovarian function in female rats with Cy-induced ovarian damage**
ÖZCAN P., Takmaz T., TOK O. E., Islek S., Yigit E. N., Ficicioglu C.
Journal of Assisted Reproduction and Genetics, vol.37, no.4, pp.865-873, 2020 (SCI-Expanded)
- XII. **Transfer and Integration of Breast Milk Stem Cells to the Brain of Suckling Pups**
Aydın M. Ş., Yiğit E. N., Vatandaşlar E., Erdoğan E., ÖZTÜRK G.
Scientific Reports, vol.8, no.1, 2018 (SCI-Expanded)

Metrics

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H-Index (Scopus): 3