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Personal Information

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Dissertations

Doctorate, BASAL FOREBRAIN CHOLINERGIC SYSTEM: STUDIES ON INTRINSIC PHYSIOLOGY AND CONNECTIVITY, Rutgers, The State University of New Jersey, 2013

Research Areas

Social Sciences and Humanities, Experimental Psychology

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

- I. **Low-threshold spiking interneurons perform feedback inhibition in the lateral amygdala**
Unal Ç. T. , Unal B., Bolton M. M.
BRAIN STRUCTURE & FUNCTION, vol.225, no.3, pp.909-923, 2020 (Journal Indexed in SCI)
- II. **Ionic current correlations are ubiquitous across phyla**
Trinh Tran T. T. , Unal Ç. T. , Severin D., Zaborszky L., Rotstein H. G. , Kirkwood A., Golowasch J.
SCIENTIFIC REPORTS, vol.9, 2019 (Journal Indexed in SCI)
- III. **Impact of Basal Forebrain Cholinergic Inputs on Basolateral Amygdala Neurons**
Unal Ç. T. , Pare D., Zaborszky L.
JOURNAL OF NEUROSCIENCE, vol.35, no.2, pp.853-863, 2015 (Journal Indexed in SCI)
- IV. **Adult mouse basal forebrain harbors two distinct cholinergic populations defined by their electrophysiology**
Unal Ç. T. , Golowasch J. P. , Zaborszky L.
FRONTIERS IN BEHAVIORAL NEUROSCIENCE, vol.6, 2012 (Journal Indexed in SCI)
- V. **Synaptic correlates of fear extinction in the amygdala**
Amano T., Unal Ç. T. , Pare D.
NATURE NEUROSCIENCE, vol.13, no.4, pp.489-495, 2010 (Journal Indexed in SCI)
- VI. **Long-lasting dysregulation of gene expression in corticostriatal circuits after repeated cocaine treatment in adult rats: effects on zif 268 and homer 1a**
Unal Ç. T. , Beverley J. A. , Willuhn I., Steiner H.
EUROPEAN JOURNAL OF NEUROSCIENCE, vol.29, no.8, pp.1615-1626, 2009 (Journal Indexed in SCI)

Supported Projects

Ünal Ç. T. , TUBITAK Project, The investigation of the Neuroanatomical substrates of different memory systems in light of individual differences, 2019 - 2021

Ünal Ç. T. , TUBITAK Project, Bazal Önbeyin Kolinergic Hücrelerinin Fizyolojik ve Anatomik Olarak İncelenmesi, 2016 - 2018

Citations

Total Citations (WOS):409

h-index (WOS):5