

## 2009 年神经科学国家重点实验室发表文章统计

1. Jiang, P., Kong, Y., Zhang, X., Wang, W., Liu, C., and **Xu, T.\*** (2009) Glycine receptor in rat hippocampal and spinal cord neurons as a molecular target for rapid actions of 17- $\beta$ -estradiol. *Mol. Pain* 5: 2.
2. Yao, H., Zhou, K., Yan, D., Li, M., and **Wang, Y.\*** (2009) The Kv2.1 channels mediate neuronal apoptosis induced by excitotoxicity. *J. Neurochem.* 108: 909-919.
3. Peng, Y., He, S., Marie, H., Zeng, S., Ma, J., Tan, Z., Lee, S., Malenka, R.\*, and **Yu, X.\*** (2009) Coordinated changes in dendritic arborization and synaptic strength during neural circuit development. *Neuron* 61: 71-84.
4. Luo, X., Zhang, X., Shao, W., Yin, Y., and **Zhou, J.\*** (2009) Crucial roles of MZF-1 in the transcriptional regulation of apomorphine-induced modulation of FGF-2 expression in astrocytic cultures. *J. Neurochem.* 108: 952-961.
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6. Liu, T., Darteville, L., Yuan, C., Wei, H., Wang, Y., Ferveur, J\*, and **Guo, A.\*** (2009) Reduction of dopamine level enhances the attractiveness of male *Drosophila* to other males. *PLoS ONE* 4: e4574.
7. Song, A., Wang, D., Chen, G., Li, Y., Luo, J., **Duan, S.\***, and **Poo, M.\*** (2009) A selective filter for cytoplasmic transport at the axon initial segment. *Cell* 136: 1148-1160.
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10. **Xu, T.\***, and Duan, B. (2009) Calcium-permeable acid-sensing ion channel in nociceptive plasticity: a new target for pain control. *Prog. Neurobiol.* 87: 171-180. (Review)
11. Gao, L., Meng, X., Ye, C., Zhang, H., Liu, C., Dan, Y., Poo, M., He, J.\*, and **Zhang, X.\*** (2009) Entrainment of Slow Oscillations of Auditory Thalamic Neurons by Repetitive Sound Stimuli. *J. Neurosci.* 29: 6013-6021.
12. Zhou, Y., Lu, T., and **Xiong, Z.\*** (2009) NGF-dependent retrograde signaling: survival versus death. *Cell Res.* 19: 525-526. (Preview)
13. Zhang, X., Zhou, Z., Wang, D., Li, A., Yin, Y., Gu, X., Ding, F., Zhen, X.\*, and **Zhou, J.\***

- (2009) Activation of phosphatidylinositol-linked D1-like receptor modulates FGF-2 expression in astrocytes via IP3-dependent Ca<sup>2+</sup> signaling. *J. Neurosci.* 29: 7766-7775.
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Olfactory Memory in Drosophila. *Sleep* 32: 1417-1424.

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28. **Zhang, X.\***, Bao, L.\*, and Ma, G. (2009) Sorting of neuropeptides and neuropeptide receptors into secretory pathways. *Prog. Neurobiol.* In press. (Review)
29. Gong, N., Li, Y., Cai, G., Niu, R., Fang, Q., Wu, K., Chen, Z., Lin, L., Xu, L., Fei, J., and **Xu, T.\*** (2009) GABA Transporter-1 Activity Modulates Hippocampal Theta Oscillation and Theta Burst Stimulation-Induced Long-Term Potentiation. *J. Neurosci.* 29: 15836-15845.