

# Featured Publications

(2011.01-2011.12)

1. He, S., Zhang, Z., Guan, J., Liu, H., Zhao, B., Wang, H., Li, Q., Yang, H., Luo, J., Li, Z., Wang, Q., Lu, Y., Bao, L.\* and **Zhang, X.\*** (2011) Facilitation of  $\mu$ -opioid receptor activity by preventing  $\delta$ -opioid receptor-mediated codegradation. *Neuron* 69: 120-131.
2. Duan, B., Wang, Y., Yang, T., Chu, X., Yu, Y., Huang, Y., Cao, H., Hansen, J., Simon, R., Zhu, M., Xiong, Z., and **Xu, T.\*** (2011) Extracellular spermine exacerbates ischemic neuronal injury through sensitization of ASIC1a channels to extracellular acidosis. *J. Neurosci.* 31: 2101-2112.
3. Gong, L., He, L., Dong, Z., Lu, X., **Poo, M.\***, and **Zhang, X.\*** (2011) Postinduction requirement of NMDA receptor activation for late-phase long-term potentiation of developing retinotectal synapses in vivo. *J. Neurosci.* 31: 3328-3335.
4. Li, K., Zhang, F., Li, C., Wang, F., Yu, M., Zhong, Y., Zhang, K., Lu, Y., Wang, Q., Ma, X., Yao, J., Wang, J., Lin, L., Han, M., Zhang, Y., Kuner, R., Xiao, H., Bao, L., Gao, X.\* and **Zhang, X.\*** (2011) Follistatin-like 1 suppresses sensory afferent transmission by activating  $\text{Na}^+$ ,  $\text{K}^+$ -ATPase. *Neuron* 69: 974-987.
5. Zhu, J., Jiang, M., Yang, M., Hou, H., and **Shu, Y.\*** (2011) Membrane potential-dependent modulation of recurrent inhibition in rat neocortex. *PLoS Biol.* 9: e1001032.
6. Wang, T., Liu, Y., Xu, X., Deng, C., Wu, K., Zhu, J., Fu, X., He, M., and **Luo, Z.\*** (2011) Lgl1 activation of Rab10 promotes axonal membrane trafficking underlying neuronal polarization. *Dev. Cell* 21: 431-444.
7. Wang, F., Zhu, J., Zhu, H., Zhang, Q., Lin, Z., **Hu, H.\*** (2011) Bidirectional control of social hierarchy by synaptic efficacy in medial prefrontal cortex. *Science* 334, 693-697.

\* Corresponding Authors