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Publications

1. Gao X, Lowry P, Zhou X, Depry C, Wei Z, Wong GW, and **Zhang J**. PI3K/Akt signaling requires spatial compartmentalization in plasma membrane microdomains. *Proc. Natl. Acad. Sci. USA* 2011; *in press*
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4. Herbst KJ, Allen MD, and **Zhang J**. Spatiotemporally regulated PKA activity is a critical regulator of growth factor-stimulated ERK signaling in PC12 cells. *Mol. Cell Biol.* 2011; *in press*
5. Herbst KJ, Allen MD, and **Zhang J**. Luminescent kinase activity biosensors based on a versatile molecular switch. *J. Am. Chem. Soc.* 2011; 133(15):5676-9
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11. Ni Q*, Ganesan A*, Aye-Han N*, Gao X, Allen MD, Levchenko A[†], and **Zhang J**[†]. Signaling Diversity of PKA via a Ca²⁺-cAMP-PKA Oscillatory Circuit. *Equal contribution. [†]Co-corresponding authors. *Nature Chem. Biol.* 2011; 7(1):34-40.
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