

Publications

Synaptic learning rules and dendritic physiology

D.V. Sarkisov and S.S.-H. Wang (2008): Order-dependent coincidence detection in cerebellar Purkinje neurons at the inositol triphosphate receptor. *Journal of Neuroscience*, 28:133-142. [[PDF](#)] [[Link to journal](#)] [[Supplementary Information](#)]

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D.H. O'Connor, G.M. Wittenberg, and S.S.-H. Wang (2007): Timing and contributions of pre-synaptic and post-synaptic parameter changes during unitary plasticity events at CA3-CA1 synapses. *Synapse*, 61:664-678. [[PDF](#)] [[Link to journal](#)]

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Brain scaling and evolution

S.S.-H. Wang, J.R. Shultz, M.J. Burish, K.H. Harrison, P.R. Hof, L.C. Towns, M.W. Wagers, and K.D. Wyatt (2008): Functional trade-offs in white matter axonal scaling. *Journal of Neuroscience*, 28:4047-4056. [[Preprint](#)] [[Link to journal](#)]

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General interest

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BEFORE PRINCETON

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